

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021550.D
 Acq On : 19 Aug 2024 12:08
 Operator : RC/JU
 Sample : PB162631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162631BL

Quant Time: Aug 19 13:08:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

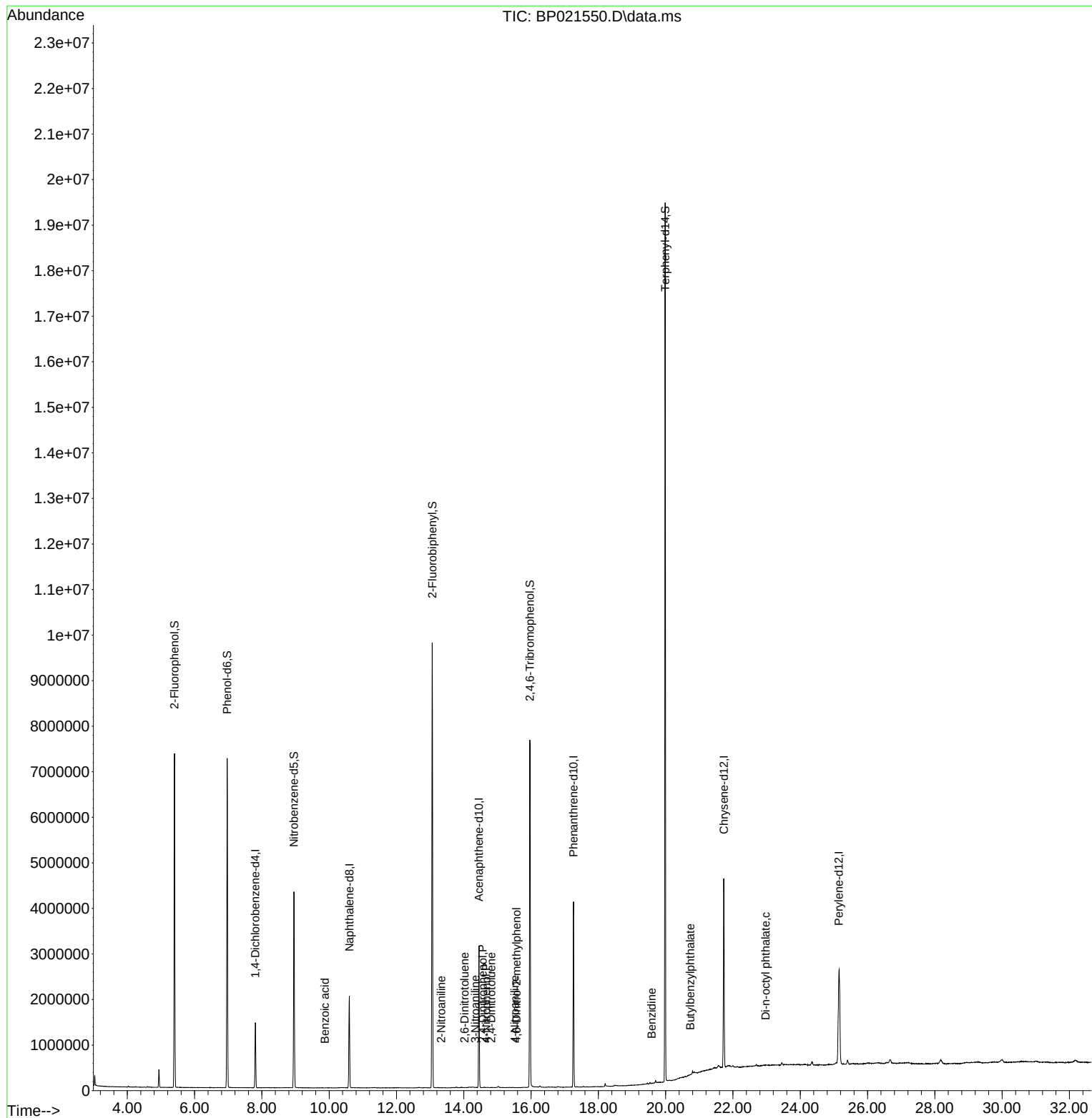
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	383179	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1575272	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1045194	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2343127	20.000	ng	0.01
76) Chrysene-d12	21.727	240	2292104	20.000	ng	0.03
86) Perylene-d12	25.151	264	2593154	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	3415794	132.366	ng	0.01
7) Phenol-d6	6.969	99	4636096	123.154	ng	0.00
23) Nitrobenzene-d5	8.951	82	2761489	90.482	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1771057	152.250	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5375969	78.498	ng	0.00
79) Terphenyl-d14	19.986	244	9588491	81.270	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.681	139	77	Below Cal	#	1
32) Benzoic acid	9.875	122	203	3.343	ng	# 1
48) 2-Nitroaniline	13.334	65	91	5.152	ng	# 89
51) 2,6-Dinitrotoluene	14.028	165	347	4.008	ng	# 77
53) 3-Nitroaniline	14.345	138	126	3.977	ng	# 14
54) 2,4-Dinitrophenol	14.563	184	47	2.449	ng	# 1
56) 4-Nitrophenol	14.669	139	550	5.123	ng	# 94
57) 2,4-Dinitrotoluene	14.816	165	847	5.065	ng	# 60
62) 4-Nitroaniline	15.516	138	173	2.946	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.569	198	121	4.628	ng	# 1
77) Benzidine	19.586	184	2784	4.612	ng	# 67
80) Butylbenzylphthalate	20.733	149	936	3.618	ng	# 45
85) Di-n-octyl phthalate	22.974	149	350	4.838	ng	# 1

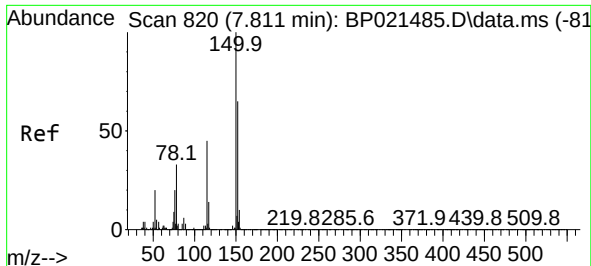
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
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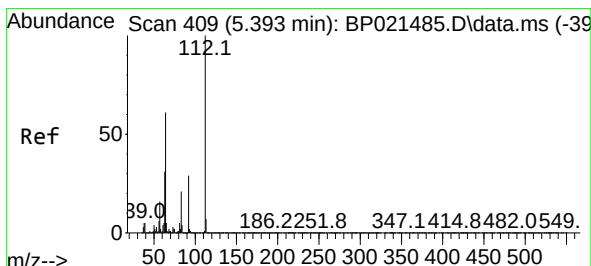
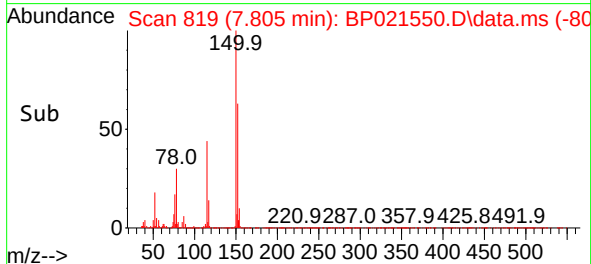
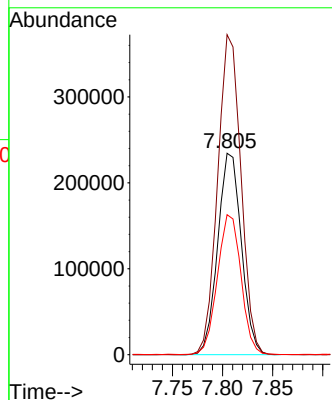
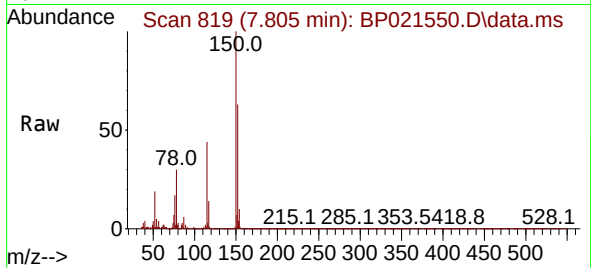




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021550.D
 Acq: 19 Aug 2024 12:08

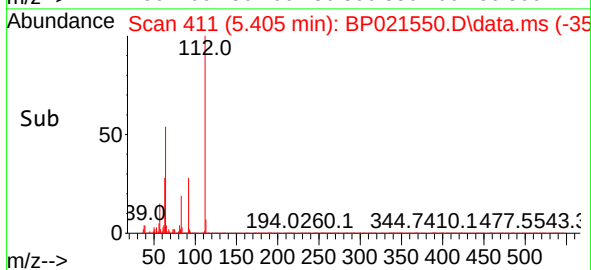
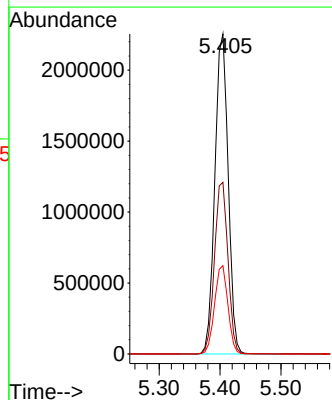
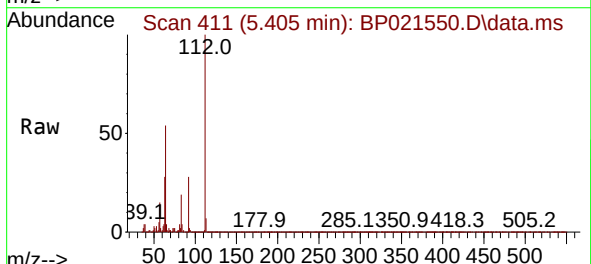
Instrument :
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 ClientSampleId :
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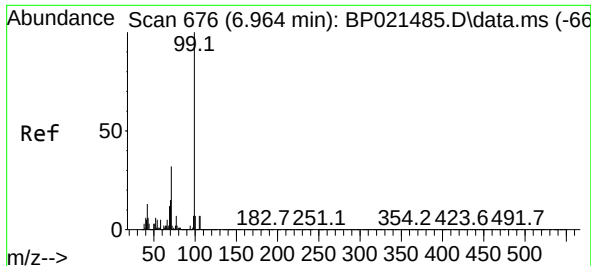
Tgt Ion:152 Resp: 383179
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.4 183.6
 115 69.4 54.7 82.1



#5
 2-Fluorophenol
 Concen: 132.366 ng
 RT: 5.405 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: BP021550.D
 Acq: 19 Aug 2024 12:08

Tgt Ion:112 Resp: 3415794
 Ion Ratio Lower Upper
 112 100
 64 53.6 49.0 73.6
 63 27.6 24.6 36.8

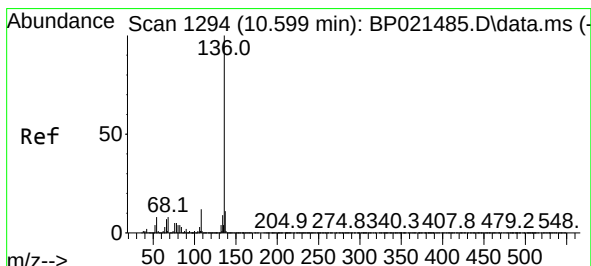
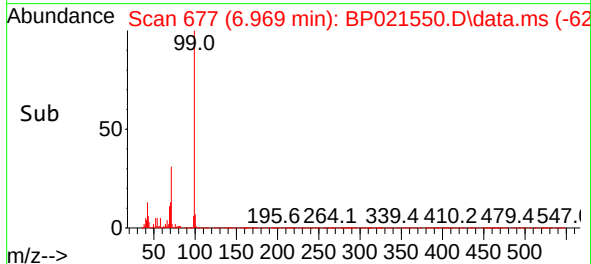
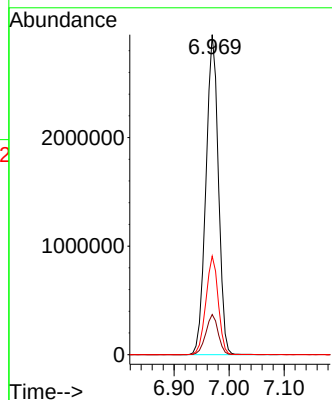
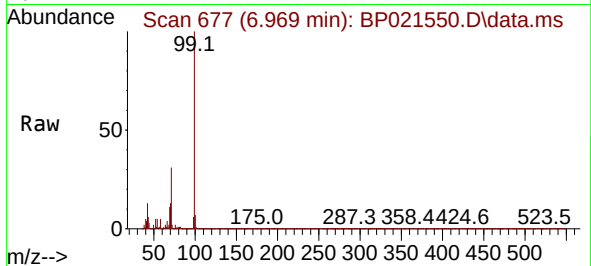




#7
Phenol-d6
Concen: 123.154 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

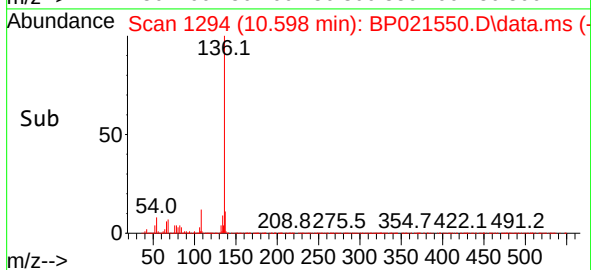
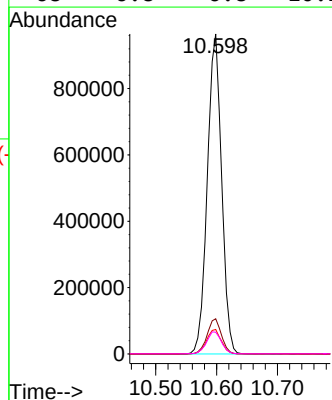
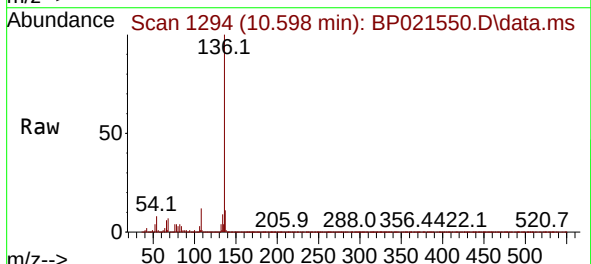
Instrument :
BNA_P
ClientSampleId :
PB162631BL

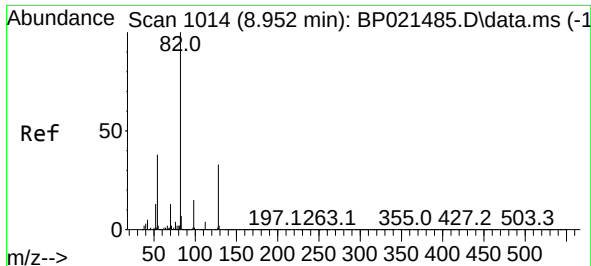
Tgt Ion: 99 Resp: 4636096
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion: 136 Resp: 1575272
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.3 9.5
68 6.8 6.8 10.2

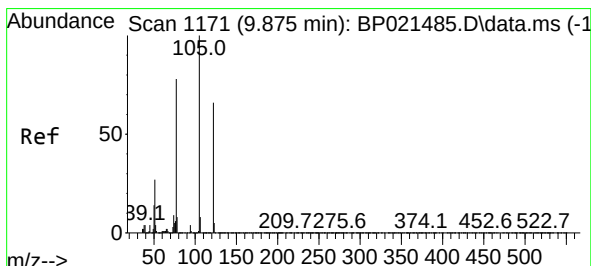
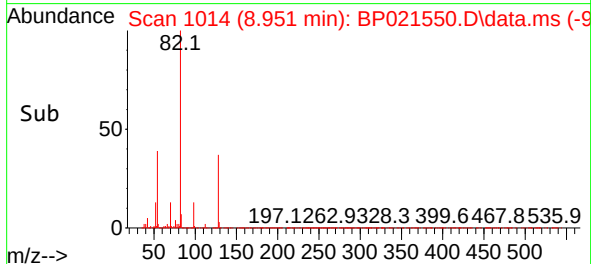
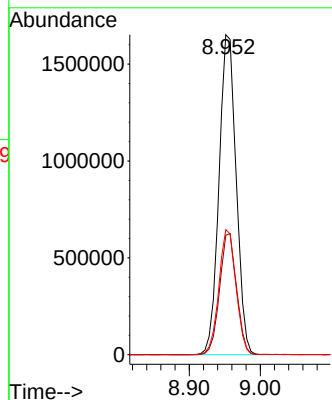
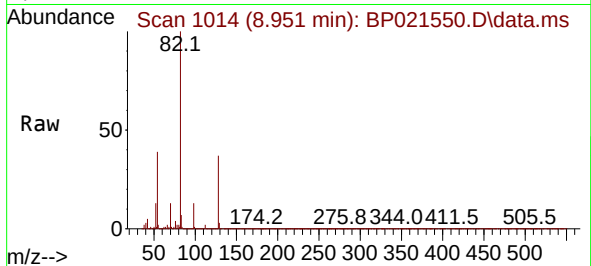




#23
Nitrobenzene-d5
Concen: 90.482 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

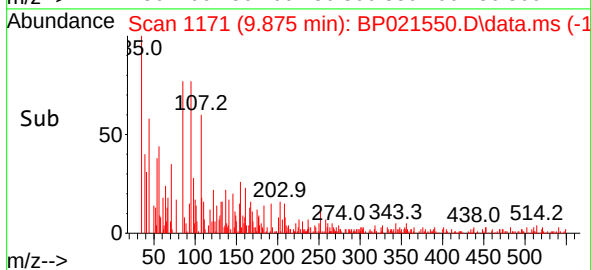
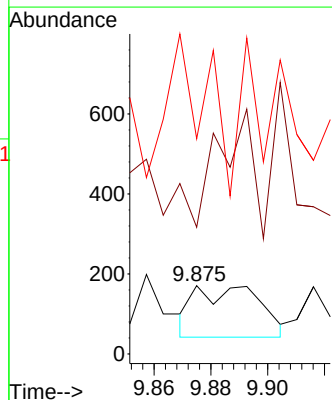
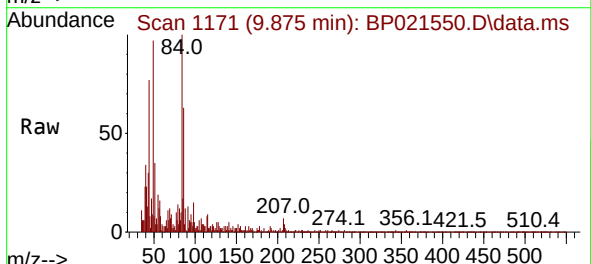
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BNA_P
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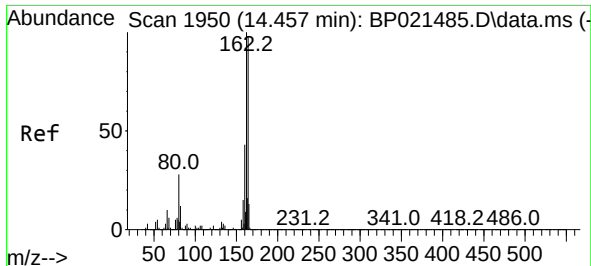
Tgt Ion: 82 Resp: 2761489
Ion Ratio Lower Upper
82 100
128 37.3 26.5 39.7
54 39.1 30.3 45.5



#32
Benzoic acid
Concen: 3.343 ng
RT: 9.875 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion: 122 Resp: 203
Ion Ratio Lower Upper
122 100
105 185.4 124.6 164.6#
77 314.6 96.2 136.2#

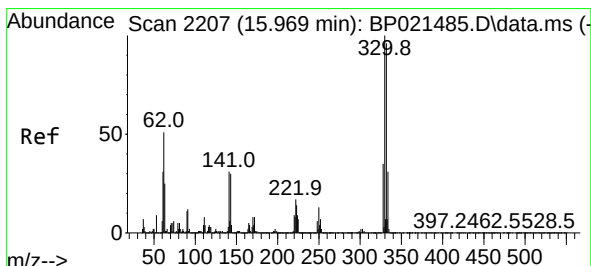
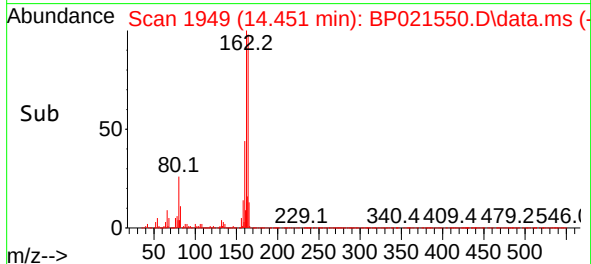
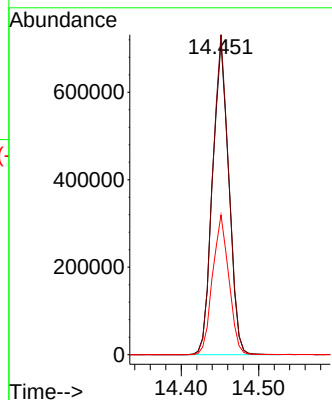
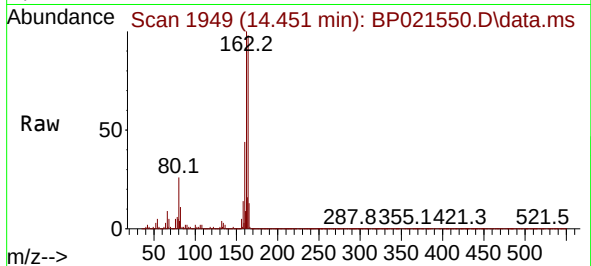




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

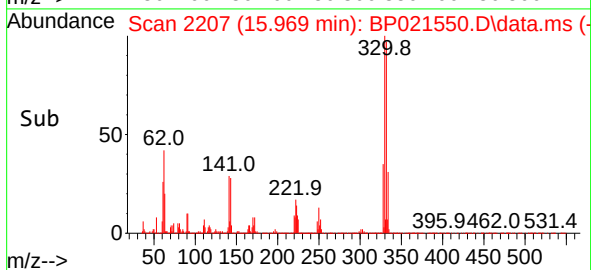
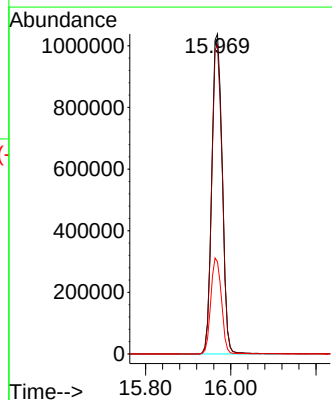
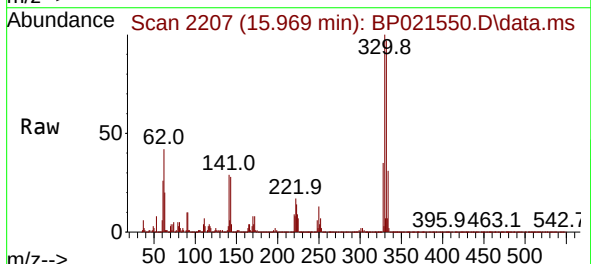
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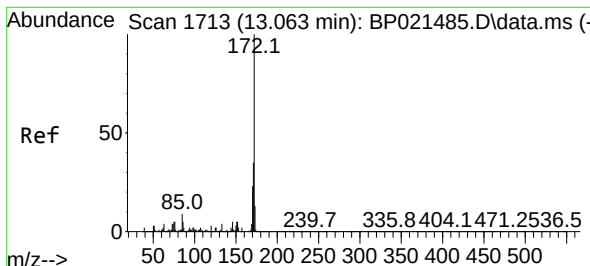
Tgt Ion:164 Resp: 1045194
Ion Ratio Lower Upper
164 100
162 102.5 81.5 122.3
160 44.7 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 152.250 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion:330 Resp: 1771057
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 30.3 24.5 36.7

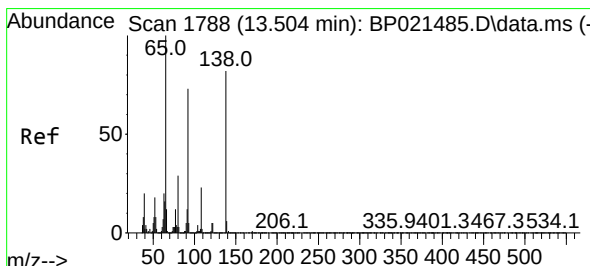
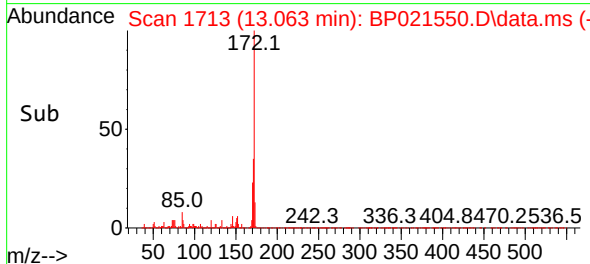
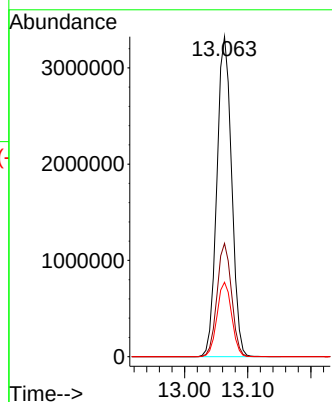
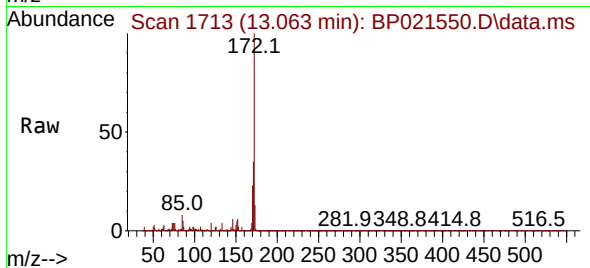




#45
2-Fluorobiphenyl
Concen: 78.498 ng
RT: 13.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

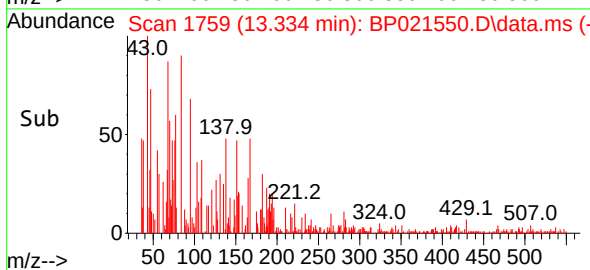
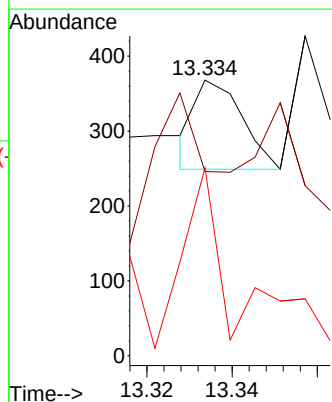
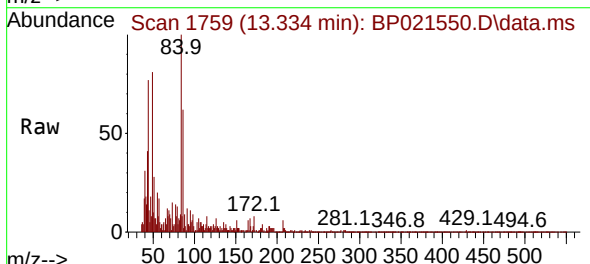
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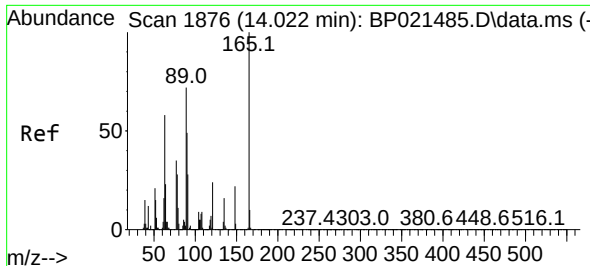
Tgt Ion:172 Resp: 5375969
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.3 18.4 27.6



#48
2-Nitroaniline
Concen: 5.152 ng
RT: 13.334 min Scan# 1759
Delta R.T. -0.170 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion: 65 Resp: 91
Ion Ratio Lower Upper
65 100
92 66.8 58.1 87.1
138 68.2 65.5 98.3

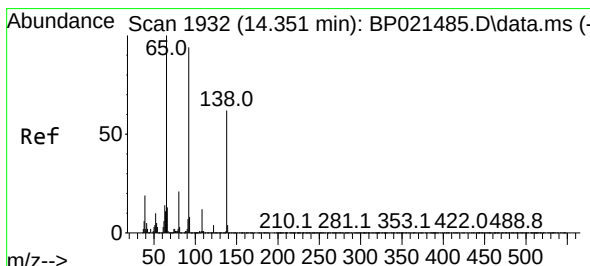
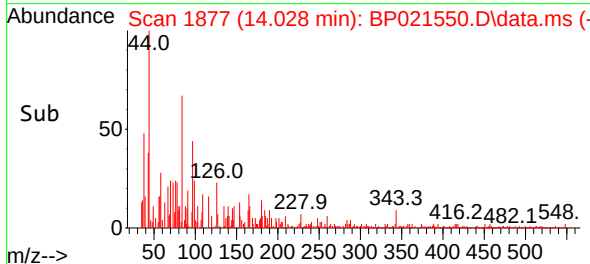
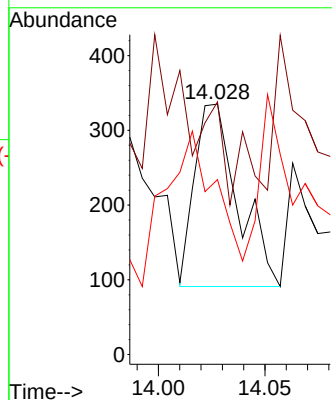
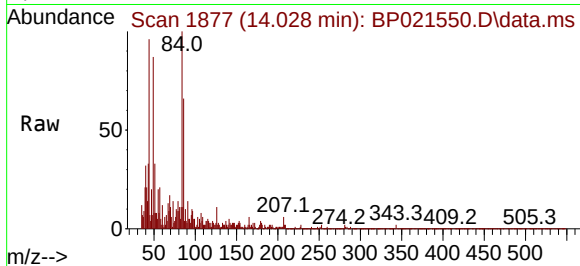




#51
2,6-Dinitrotoluene
Concen: 4.008 ng
RT: 14.028 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

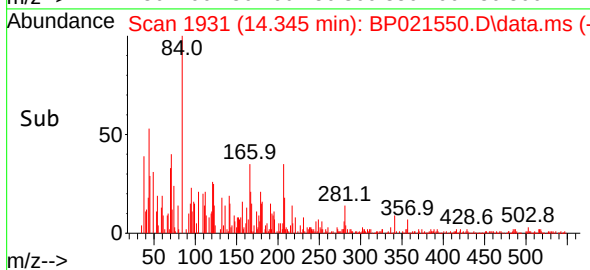
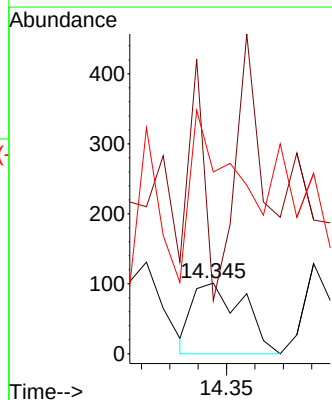
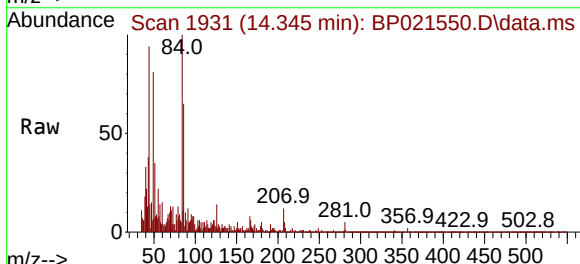
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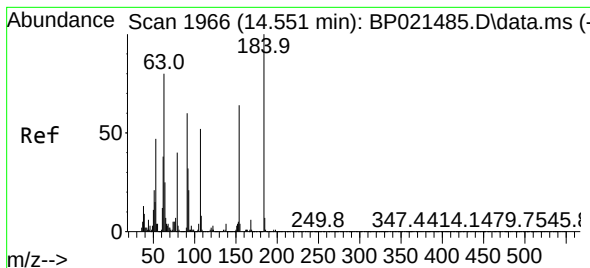
Tgt Ion:165 Resp: 347
Ion Ratio Lower Upper
165 100
63 100.9 51.5 77.3#
89 69.9 57.8 86.8



#53
3-Nitroaniline
Concen: 3.977 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion:138 Resp: 126
Ion Ratio Lower Upper
138 100
108 75.2 16.2 24.4#
92 257.4 122.2 183.4#

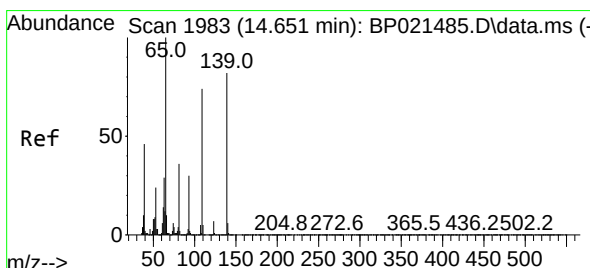
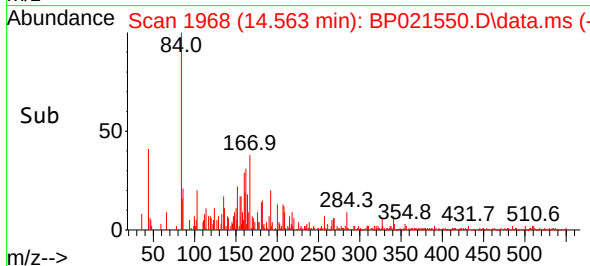
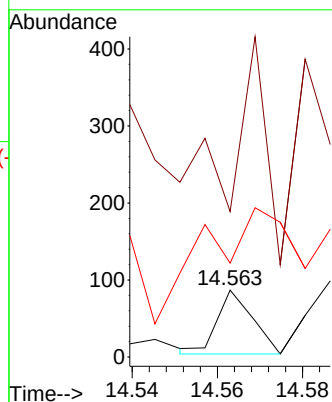
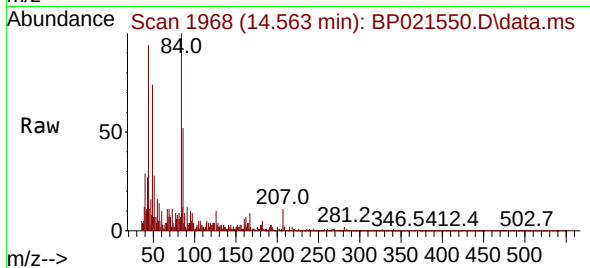




#54
2,4-Dinitrophenol
Concen: 2.449 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

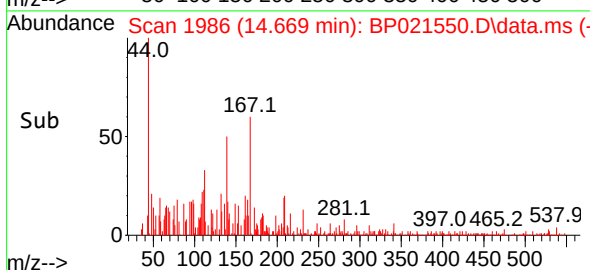
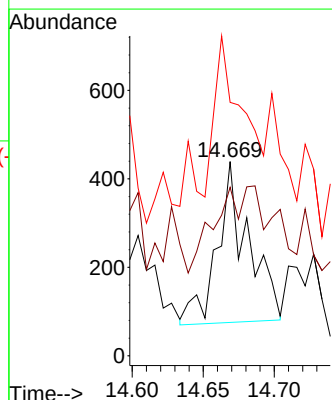
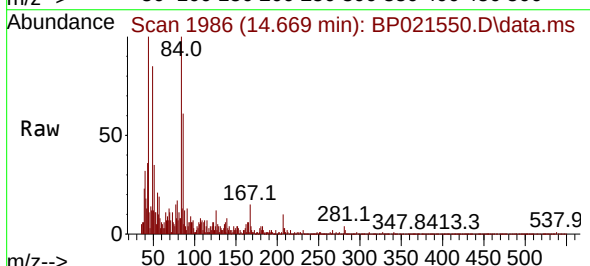
Instrument :
BNA_P
ClientSampleId :
PB162631BL

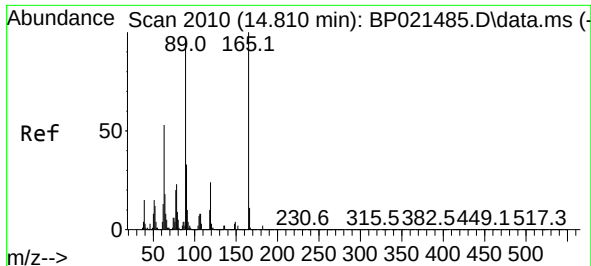
Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 217.2 64.9 97.3#
154 140.2 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.123 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion:139 Resp: 550
Ion Ratio Lower Upper
139 100
109 86.8 70.2 110.2
65 130.5 101.8 141.8

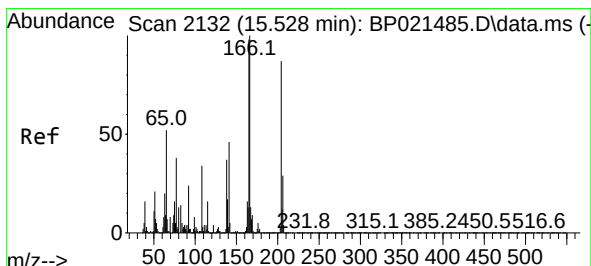
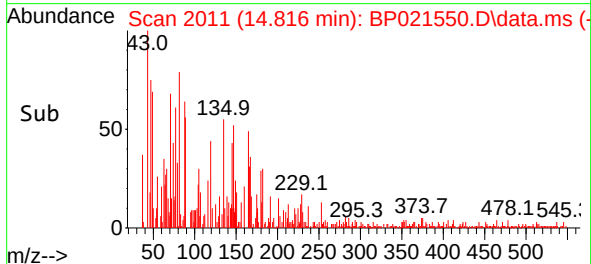
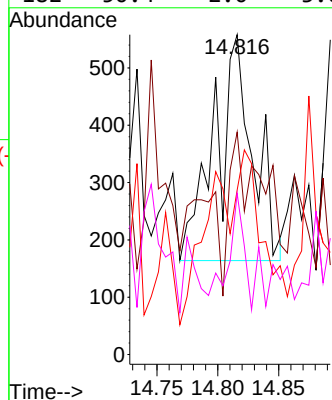
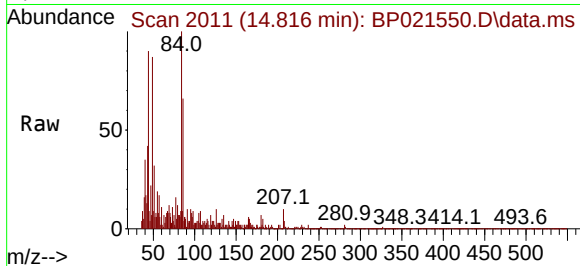




#57
2,4-Dinitrotoluene
Concen: 5.065 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

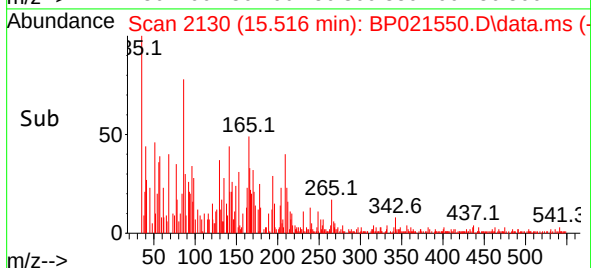
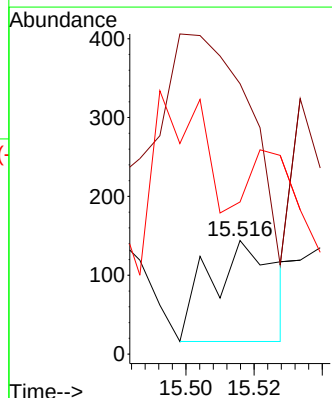
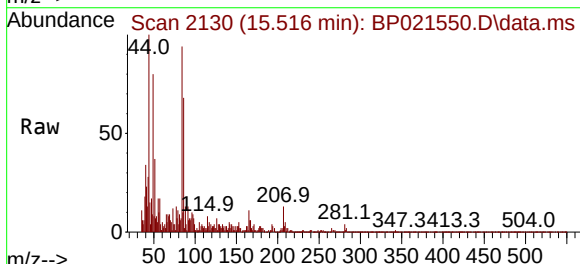
Instrument :
BNA_P
ClientSampleId :
PB162631BL

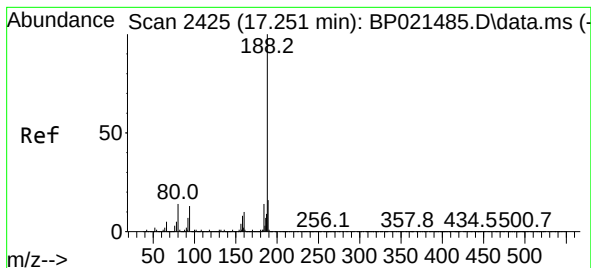
Tgt Ion:165 Resp: 847
Ion Ratio Lower Upper
165 100
63 69.5 42.5 63.7#
89 51.4 77.1 115.7#
182 50.4 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.946 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion:138 Resp: 173
Ion Ratio Lower Upper
138 100
92 238.2 46.4 86.4#
108 134.0 73.2 113.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 24

Delta R.T. 0.012 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

Instrument :

BNA_P

ClientSampleId :

PB162631BL

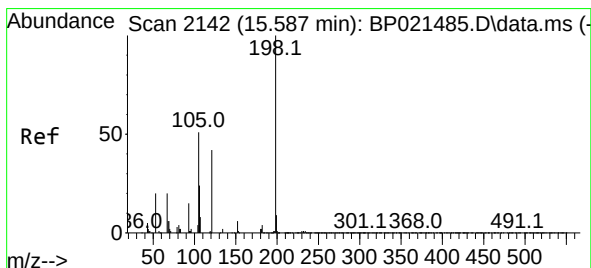
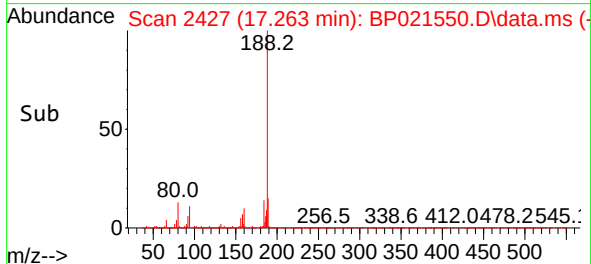
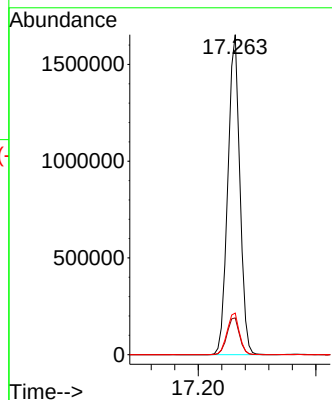
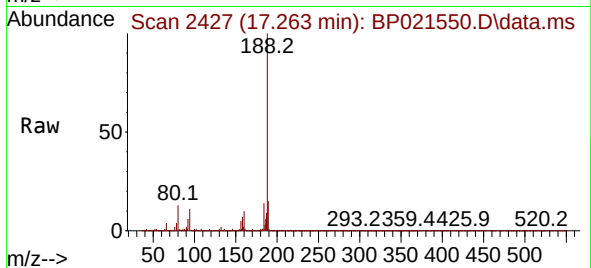
Tgt Ion:188 Resp: 2343127

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.4

80 13.0 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.628 ng

RT: 15.569 min Scan# 2139

Delta R.T. -0.018 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

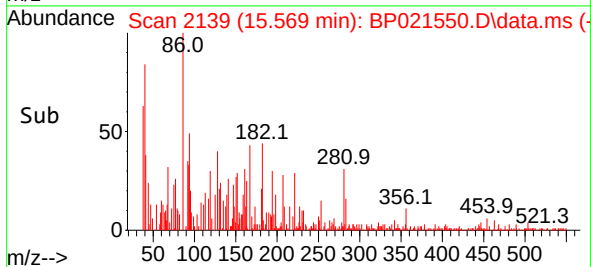
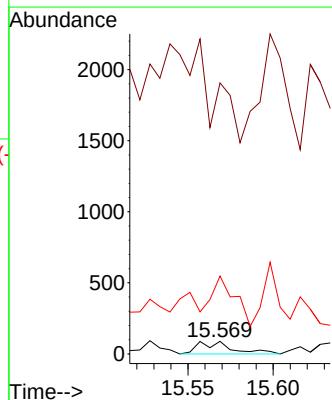
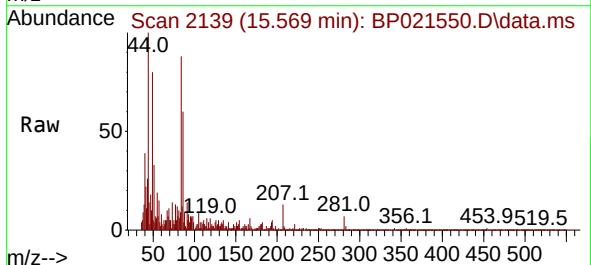
Tgt Ion:198 Resp: 121

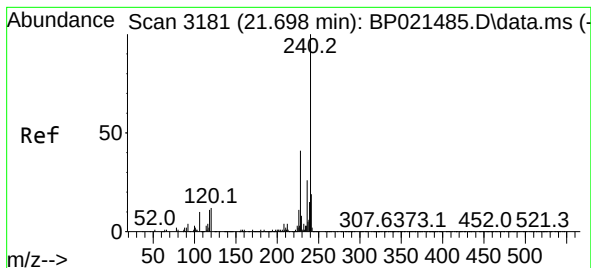
Ion Ratio Lower Upper

198 100

51 2167.0 21.5 61.5#

105 622.7 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3181

Delta R.T. 0.029 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

Instrument :

BNA_P

ClientSampleId :

PB162631BL

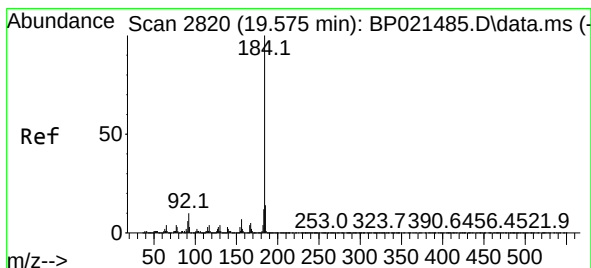
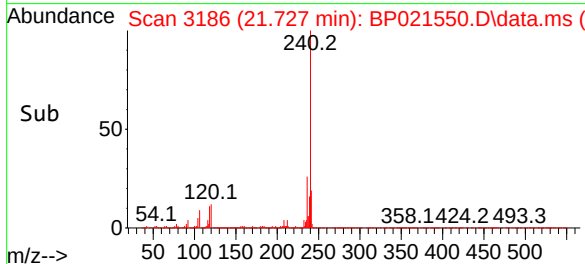
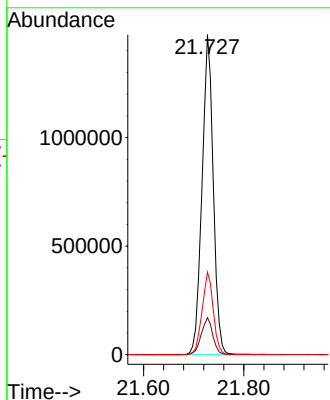
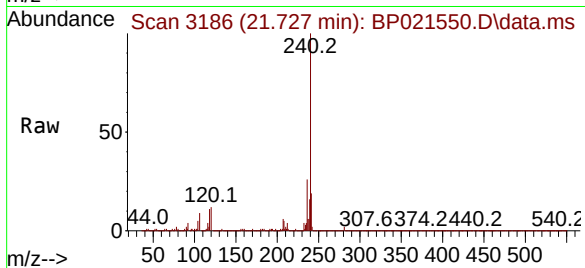
Tgt Ion:240 Resp: 2292104

Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.8 20.6 30.8



#77

Benzidine

Concen: 4.612 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.011 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

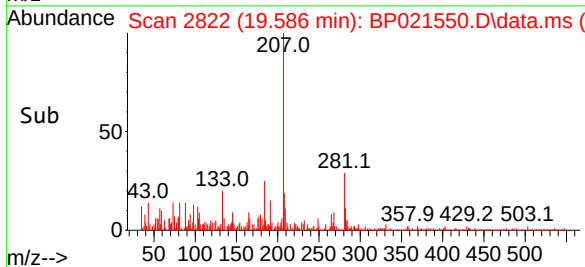
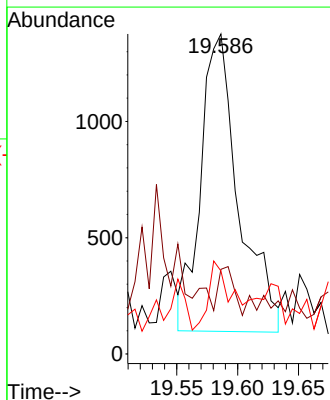
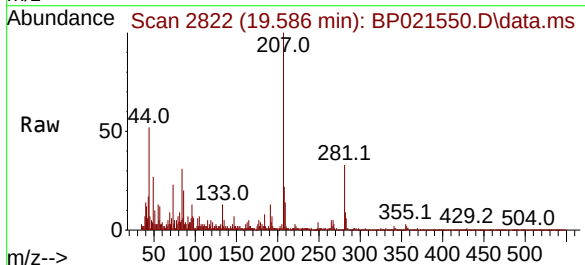
Tgt Ion:184 Resp: 2784

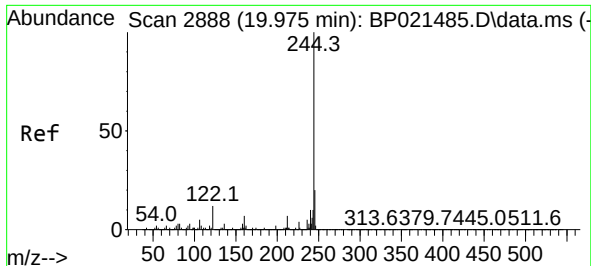
Ion Ratio Lower Upper

184 100

185 26.5 11.4 17.0#

183 25.9 9.3 13.9#

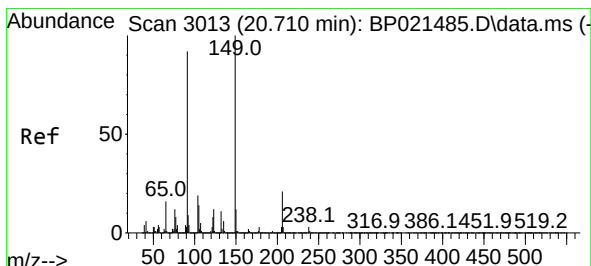
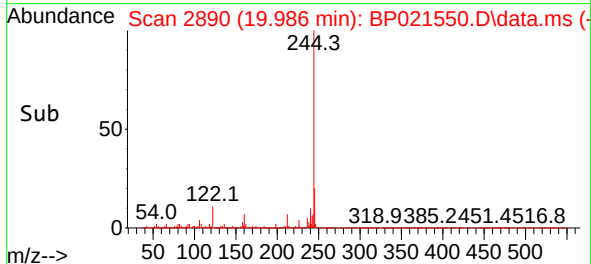
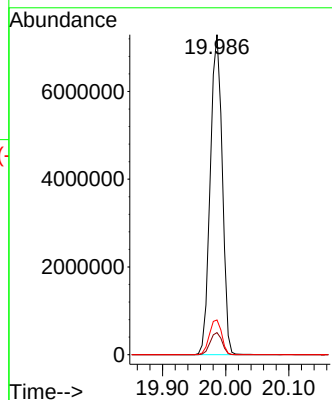
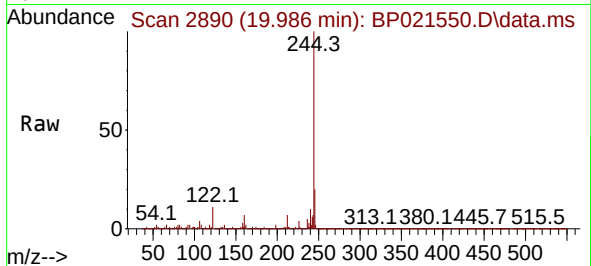




#79
 Terphenyl-d14
 Concen: 81.270 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021550.D
 Acq: 19 Aug 2024 12:08

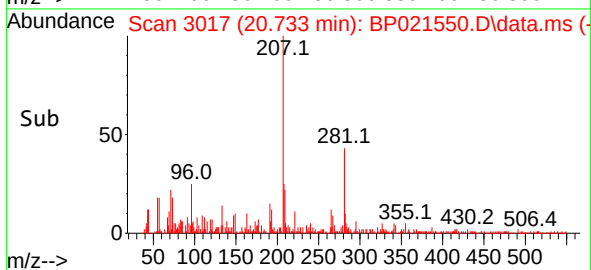
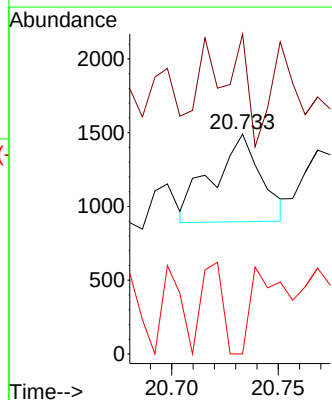
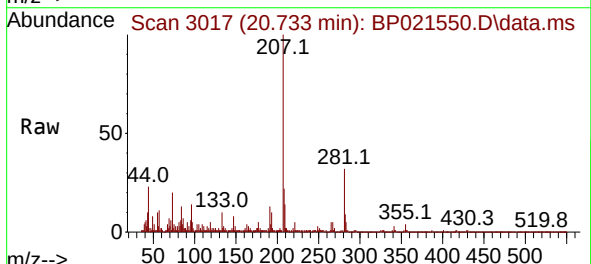
Instrument :
 BNA_P
 ClientSampleId :
 PB162631BL

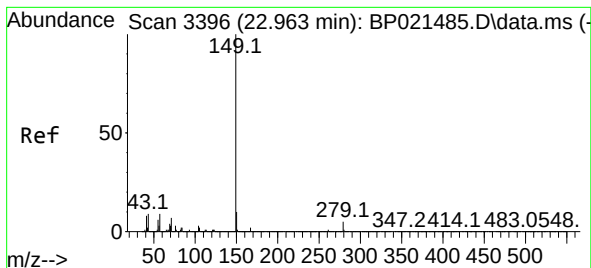
Tgt Ion:244 Resp: 9588491
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.9 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.618 ng
 RT: 20.733 min Scan# 3017
 Delta R.T. 0.023 min
 Lab File: BP021550.D
 Acq: 19 Aug 2024 12:08

Tgt Ion:149 Resp: 936
 Ion Ratio Lower Upper
 149 100
 91 145.6 73.3 109.9#
 206 0.0 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.838 ng

RT: 22.974 min Scan# 31

Delta R.T. 0.011 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

Instrument :

BNA_P

ClientSampleId :

PB162631BL

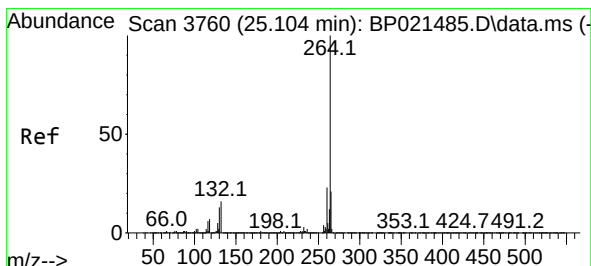
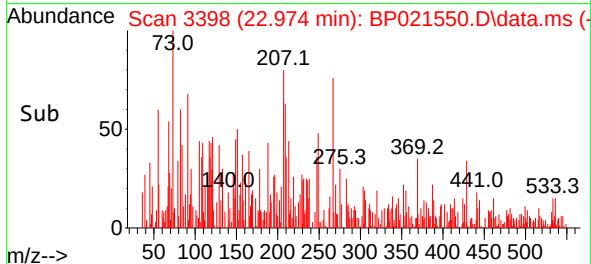
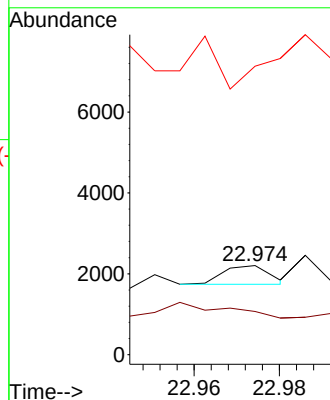
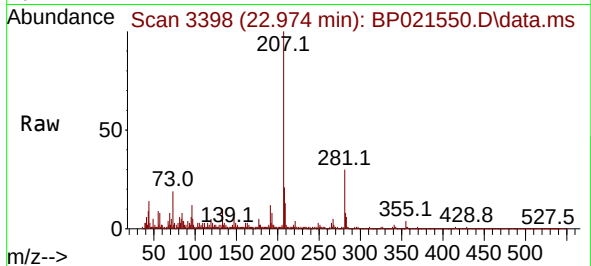
Tgt Ion:149 Resp: 350

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 870.0 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.151 min Scan# 3768

Delta R.T. 0.047 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

Tgt Ion:264 Resp: 2593154

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.9 17.1 25.7

