

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021601.D
 Acq On : 21 Aug 2024 17:25
 Operator : RC/JU
 Sample : P3666-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20240816

Quant Time: Aug 21 17:58:23 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)

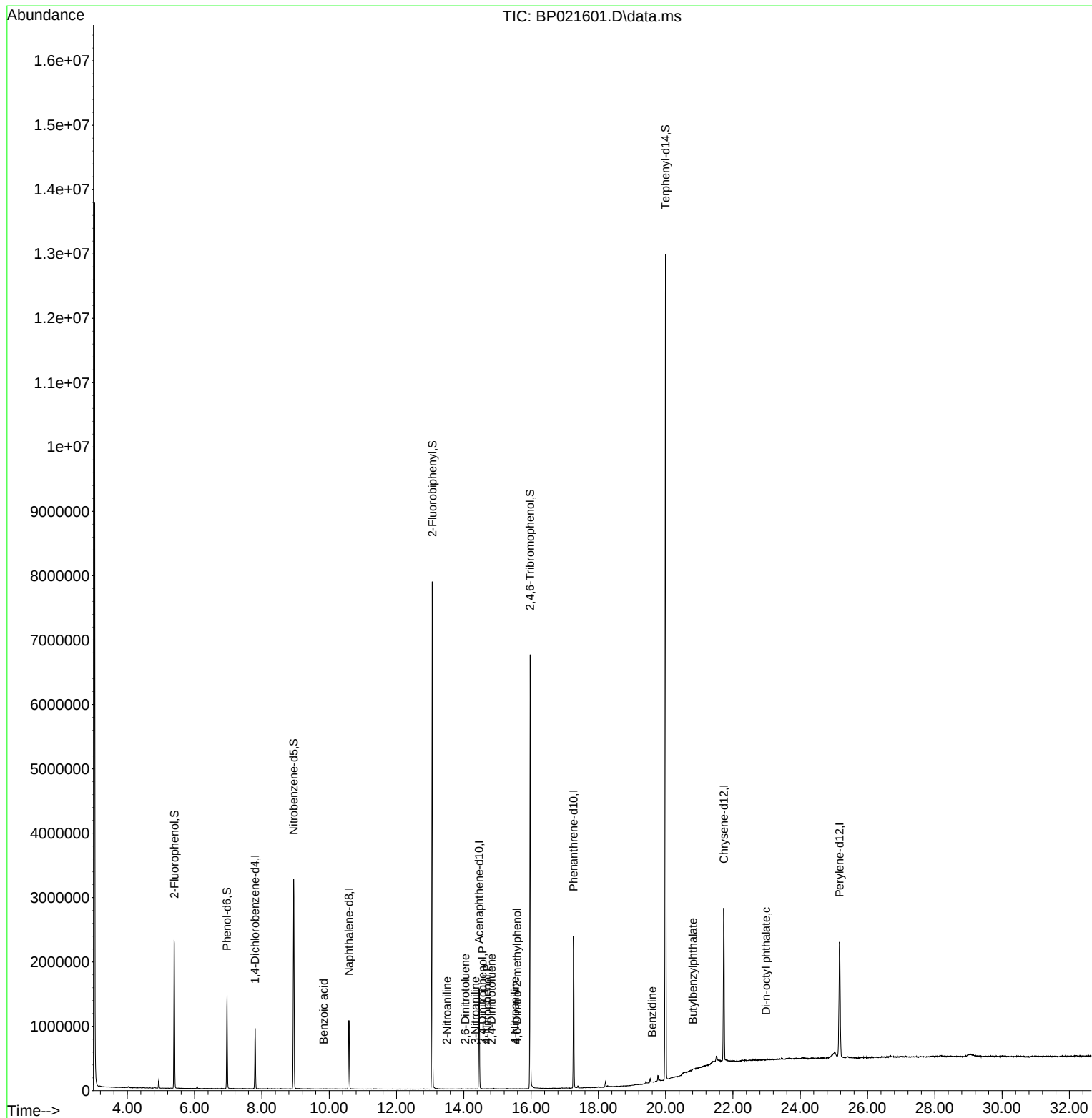
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	233094	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	897287	20.000	ng	-0.01
39) Acenaphthene-d10	14.457	164	577607	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1348819	20.000	ng	0.01
76) Chrysene-d12	21.727	240	1503972	20.000	ng	0.03
86) Perylene-d12	25.168	264	1777297	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1076880	68.600	ng	0.00
7) Phenol-d6	6.963	99	863210	37.695	ng	0.00
23) Nitrobenzene-d5	8.946	82	2101760	120.900	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1265158	196.803	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3920890	103.598	ng	0.00
79) Terphenyl-d14	19.998	244	7669571	99.070	ng	0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.681	139	32	Below Cal	#	1
32) Benzoic acid	9.834	122	1495	3.636	ng	# 75
48) 2-Nitroaniline	13.504	65	200	5.167	ng	# 49
51) 2,6-Dinitrotoluene	14.045	165	131	4.001	ng	# 74
53) 3-Nitroaniline	14.345	138	132	3.985	ng	# 53
54) 2,4-Dinitrophenol	14.557	184	59	2.472	ng	# 1
56) 4-Nitrophenol	14.698	139	1568	5.307	ng	# 75
57) 2,4-Dinitrotoluene	14.822	165	1030	5.115	ng	# 64
62) 4-Nitroaniline	15.528	138	8	2.936	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.581	198	51	4.622	ng	# 1
77) Benzidine	19.598	184	5737	4.697	ng	# 85
80) Butylbenzylphthalate	20.810	149	282	3.609	ng	97
85) Di-n-octyl phthalate	22.986	149	1665	4.851	ng	# 1

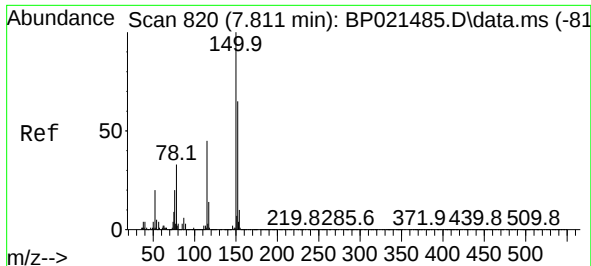
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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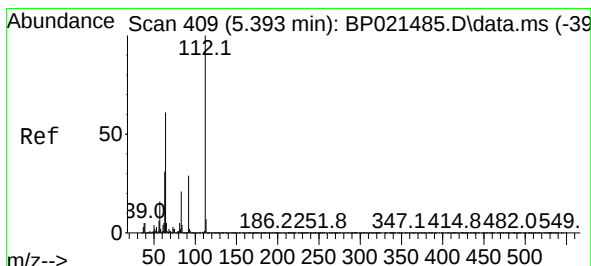
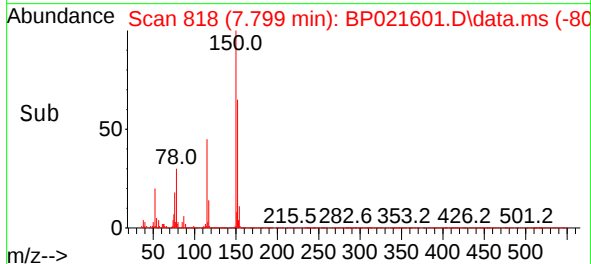
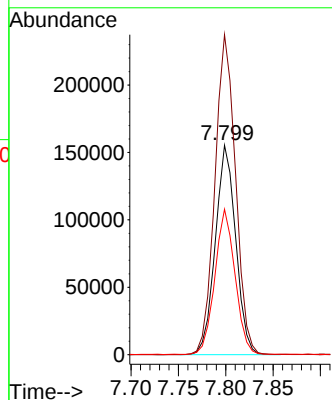
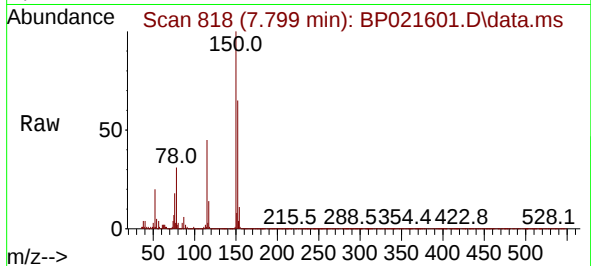




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

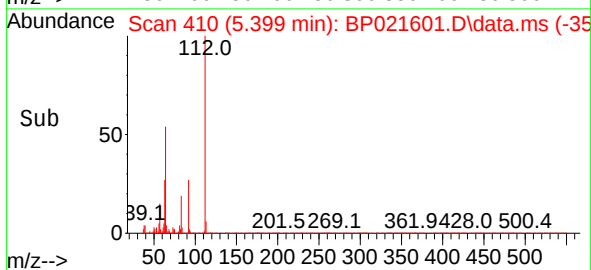
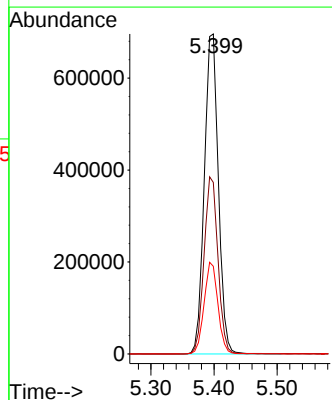
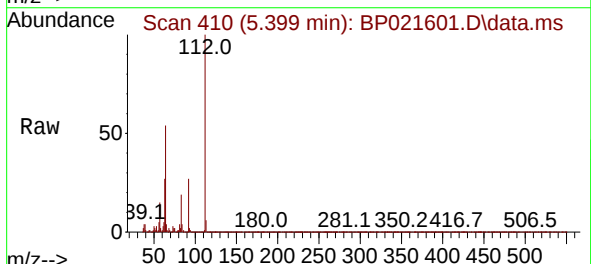
Instrument :
BNA_P
ClientSampleId :
SP-303-20240816

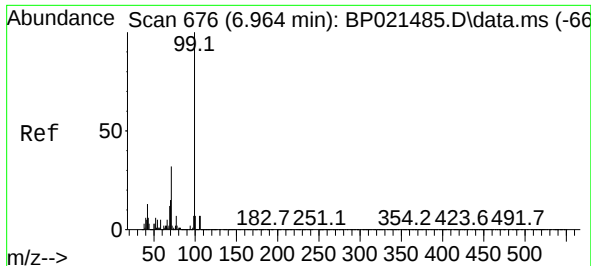
Tgt Ion:152 Resp: 233094
Ion Ratio Lower Upper
152 100
150 152.8 122.4 183.6
115 69.5 54.7 82.1



#5
2-Fluorophenol
Concen: 68.600 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

Tgt Ion:112 Resp: 1076880
Ion Ratio Lower Upper
112 100
64 53.6 49.0 73.6
63 27.4 24.6 36.8

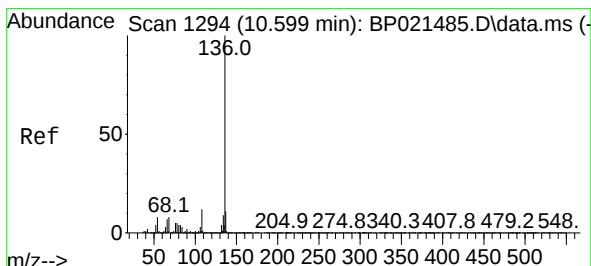
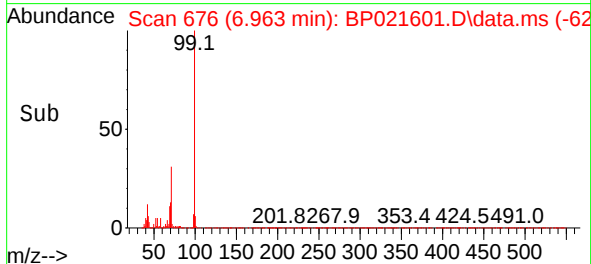
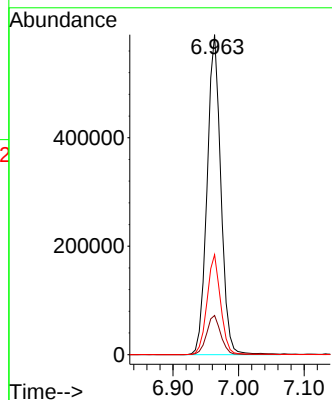
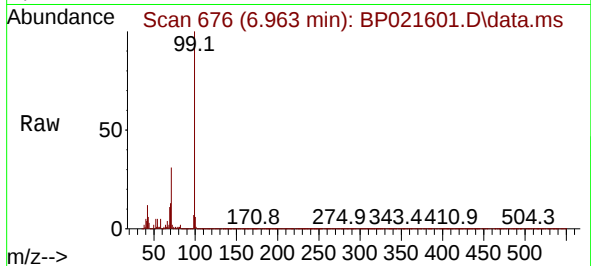




#7
Phenol-d6
Concen: 37.695 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

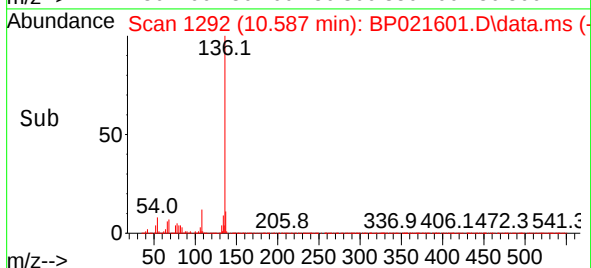
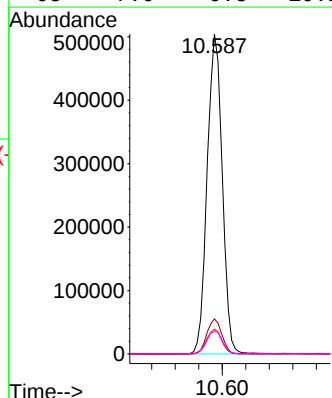
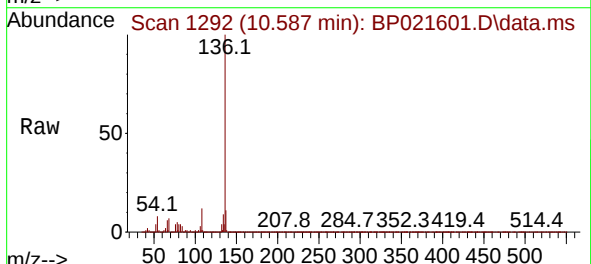
Instrument :
BNA_P
ClientSampleId :
SP-303-20240816

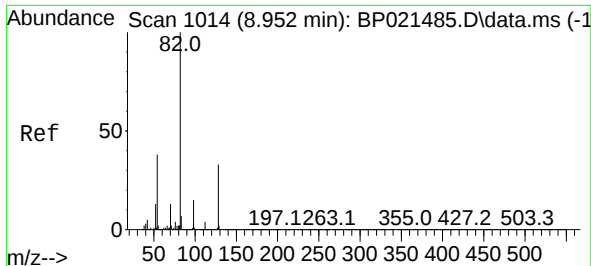
Tgt Ion: 99 Resp: 863210
Ion Ratio Lower Upper
99 100
42 12.2 10.2 15.4
71 31.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

Tgt Ion:136 Resp: 897287
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 6.3 9.5
68 7.0 6.8 10.2





#23

Nitrobenzene-d5

Concen: 120.900 ng

RT: 8.946 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

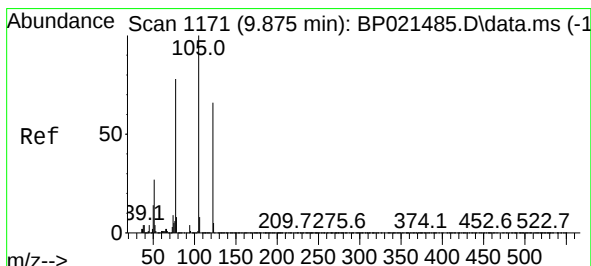
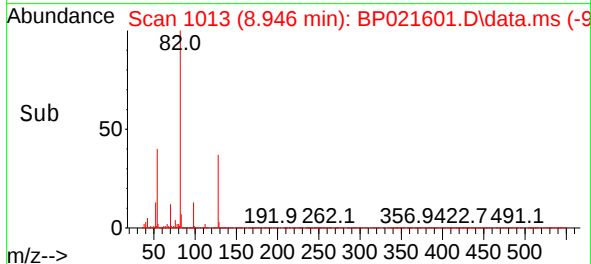
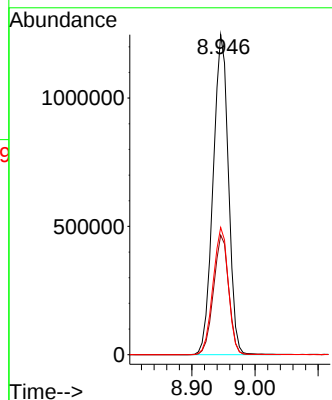
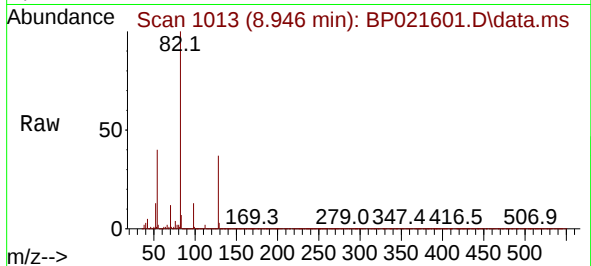
Tgt Ion: 82 Resp: 2101760

Ion Ratio Lower Upper

82 100

128 37.3 26.5 39.7

54 39.7 30.3 45.5



#32

Benzoic acid

Concen: 3.636 ng

RT: 9.834 min Scan# 1164

Delta R.T. -0.041 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

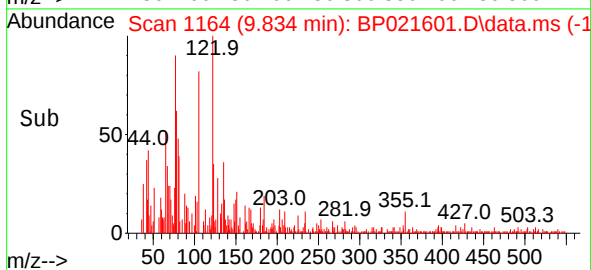
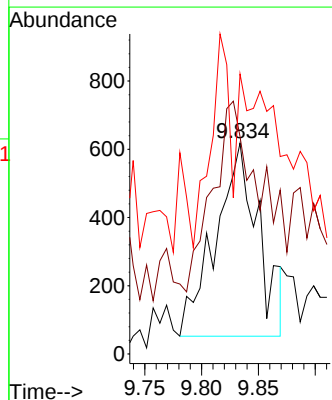
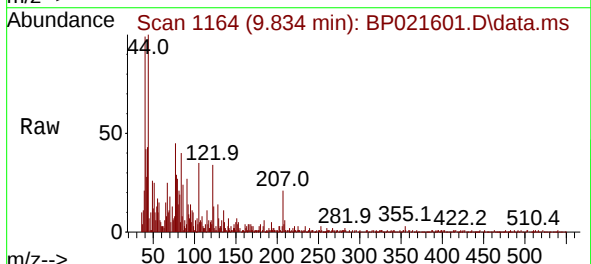
Tgt Ion:122 Resp: 1495

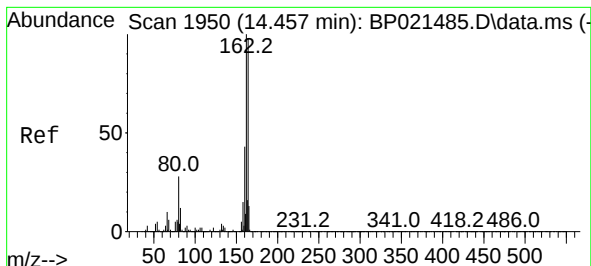
Ion Ratio Lower Upper

122 100

105 103.1 124.6 164.6#

77 132.8 96.2 136.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

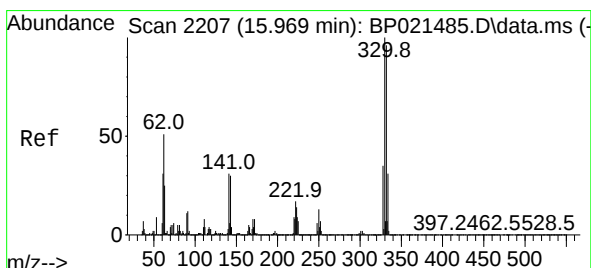
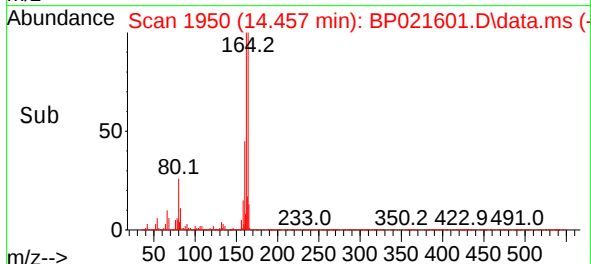
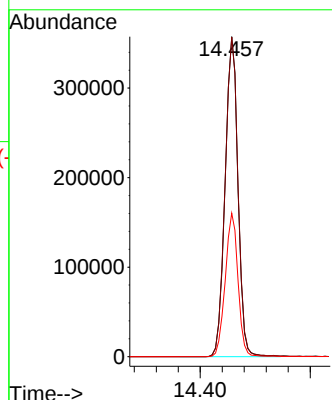
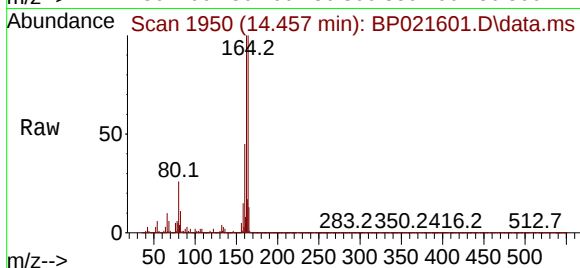
Tgt Ion:164 Resp: 577607

Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 196.803 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

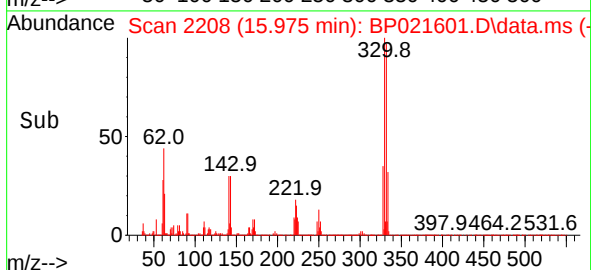
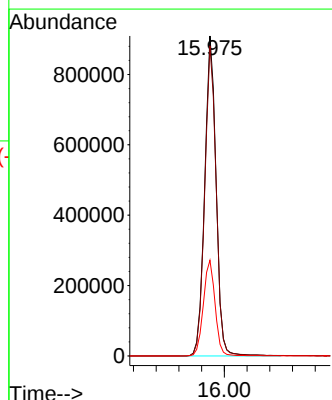
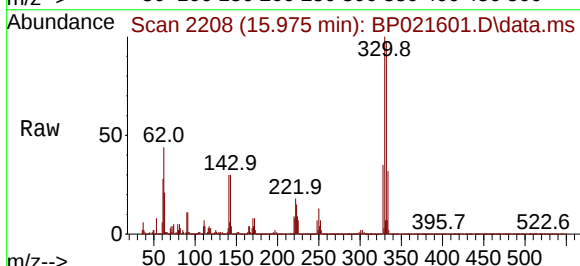
Tgt Ion:330 Resp: 1265158

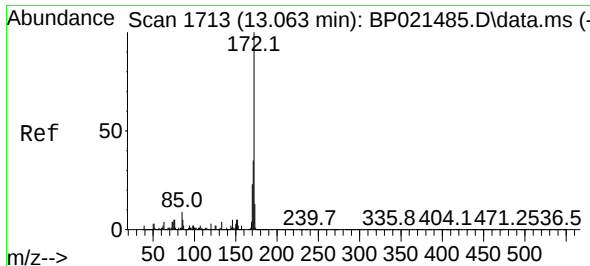
Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 30.9 24.5 36.7

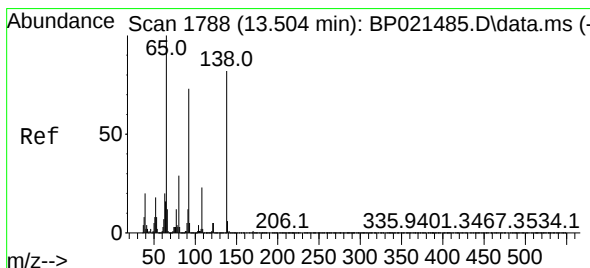
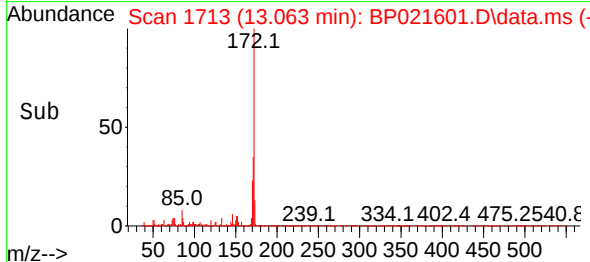
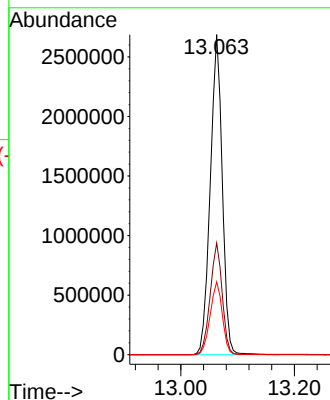
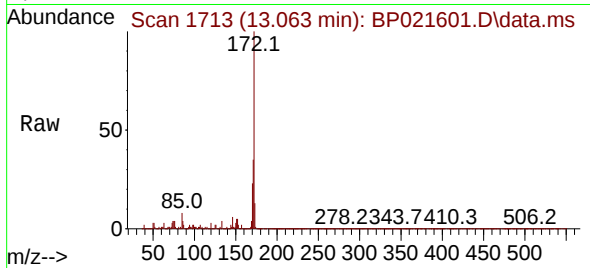




#45
2-Fluorobiphenyl
Concen: 103.598 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

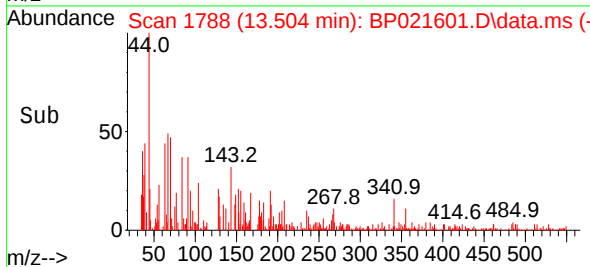
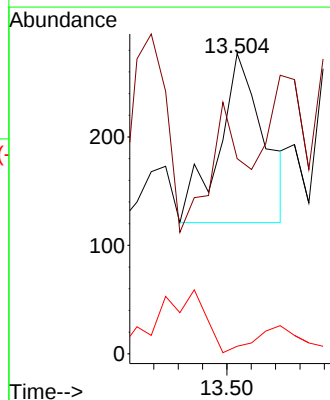
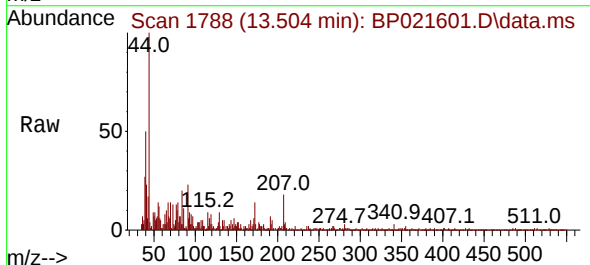
Instrument :
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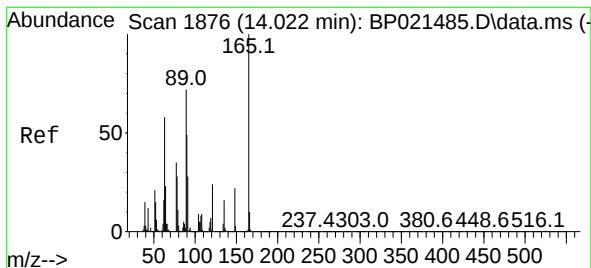
Tgt Ion:172 Resp: 3920890
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 22.7 18.4 27.6



#48
2-Nitroaniline
Concen: 5.167 ng
RT: 13.504 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

Tgt Ion: 65 Resp: 200
Ion Ratio Lower Upper
65 100
92 65.0 58.1 87.1
138 2.5 65.5 98.3#





#51

2,6-Dinitrotoluene

Concen: 4.001 ng

RT: 14.045 min Scan# 1

Delta R.T. 0.023 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

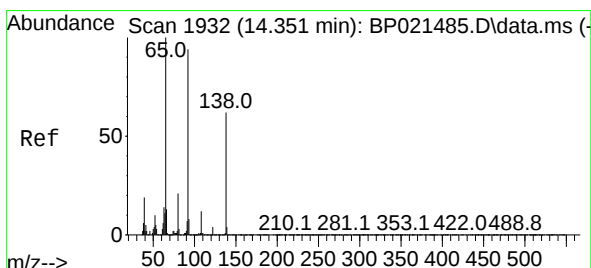
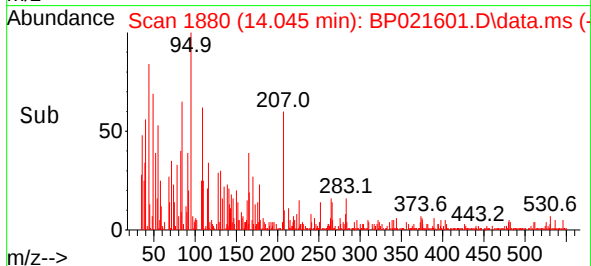
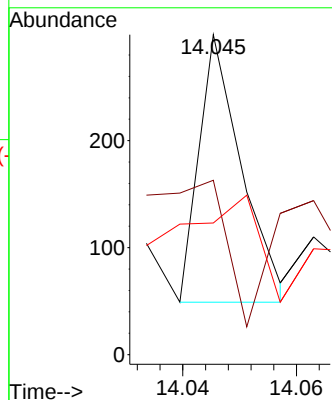
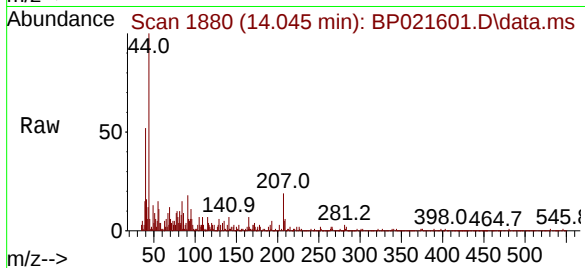
Tgt Ion:165 Resp: 131

Ion Ratio Lower Upper

165 100

63 54.5 51.5 77.3

89 41.1 57.8 86.8#



#53

3-Nitroaniline

Concen: 3.985 ng

RT: 14.345 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

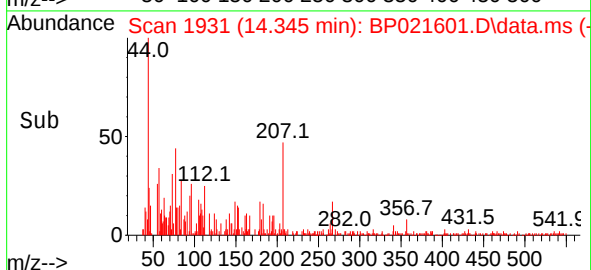
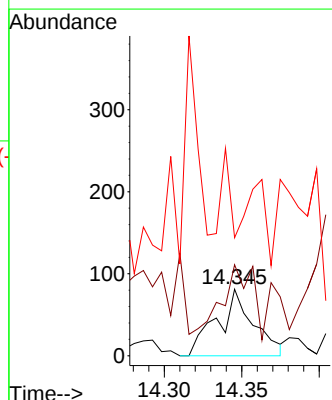
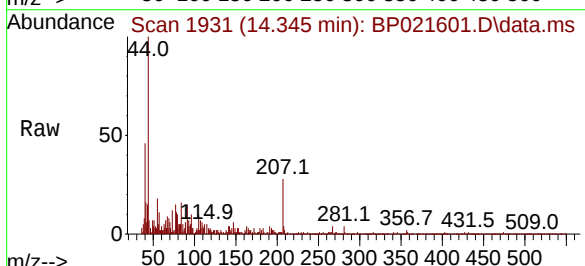
Tgt Ion:138 Resp: 132

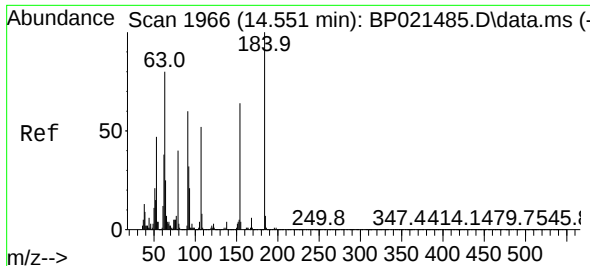
Ion Ratio Lower Upper

138 100

108 137.0 16.2 24.4#

92 177.8 122.2 183.4

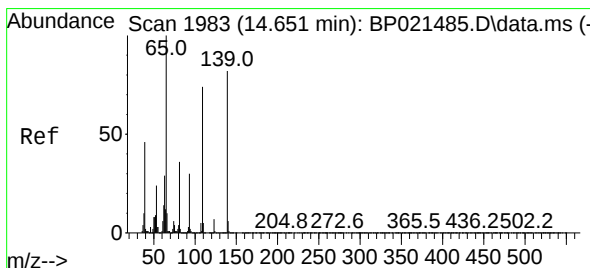
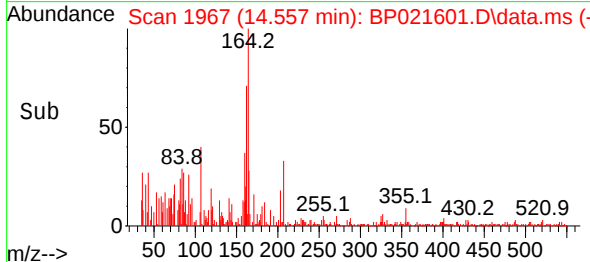
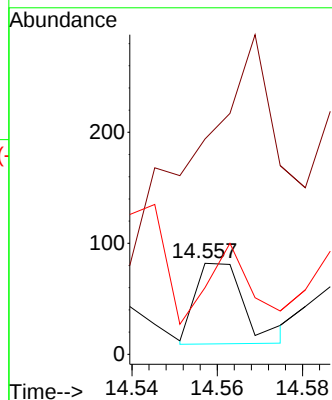
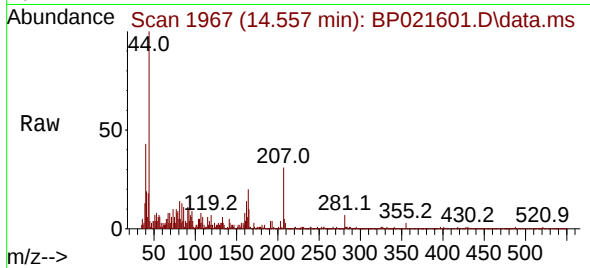




#54
2,4-Dinitrophenol
Concen: 2.472 ng
RT: 14.557 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

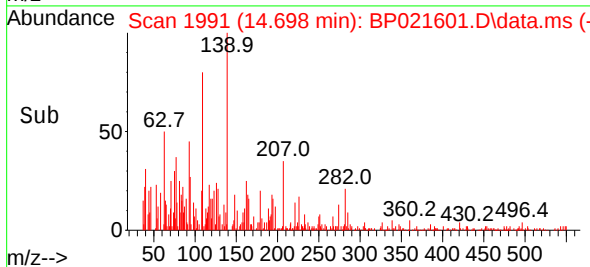
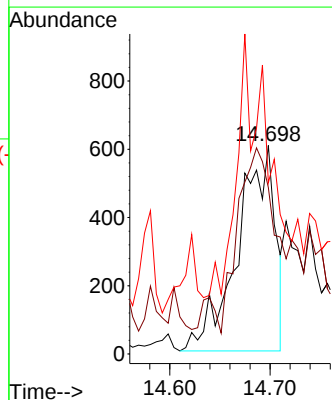
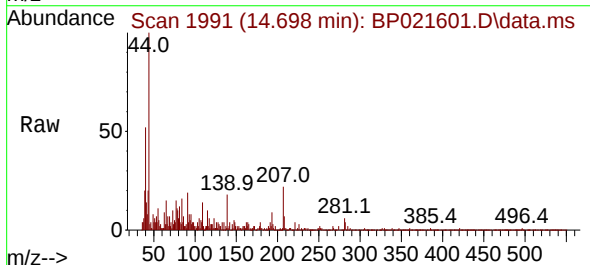
Instrument :
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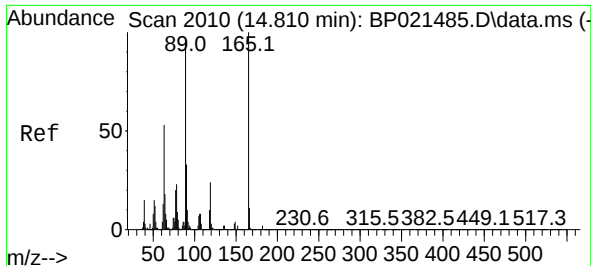
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 236.6 64.9 97.3#
154 73.2 52.1 78.1



#56
4-Nitrophenol
Concen: 5.307 ng
RT: 14.698 min Scan# 1991
Delta R.T. 0.047 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

Tgt Ion:139 Resp: 1568
Ion Ratio Lower Upper
139 100
109 79.9 70.2 110.2
65 82.2 101.8 141.8#

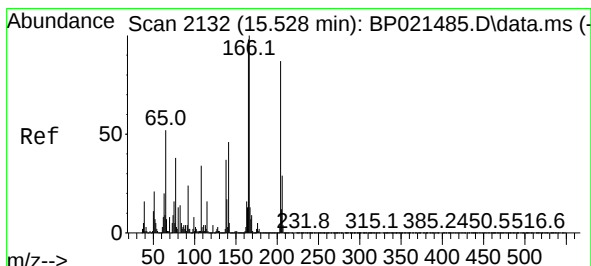
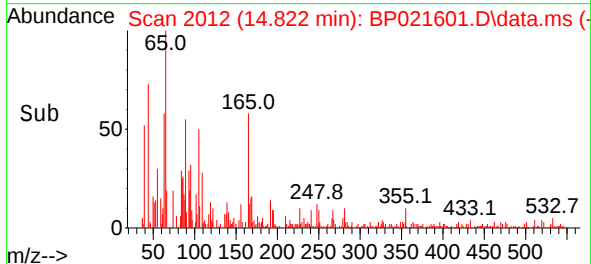
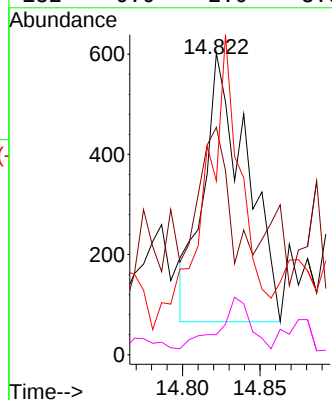
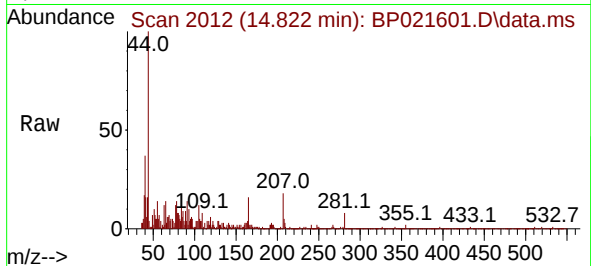




#57
2,4-Dinitrotoluene
Concen: 5.115 ng
RT: 14.822 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

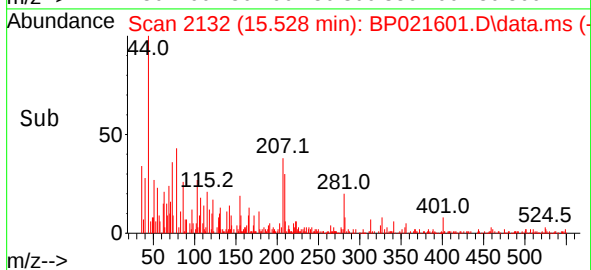
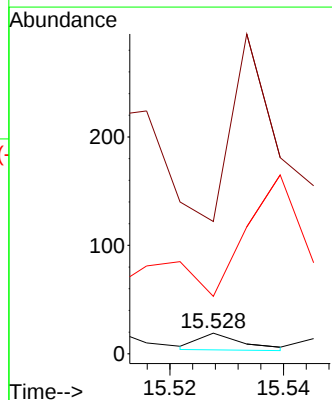
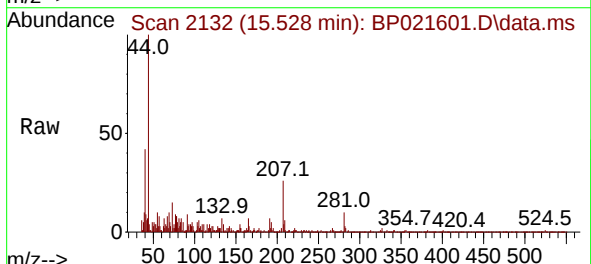
Instrument :
BNA_P
ClientSampleId :
SP-303-20240816

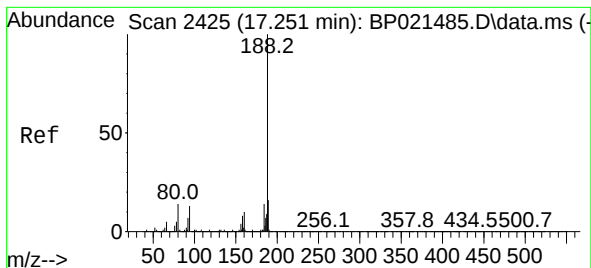
Tgt Ion:165 Resp: 1030
Ion Ratio Lower Upper
165 100
63 75.4 42.5 63.7#
89 57.6 77.1 115.7#
182 6.6 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.936 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 642.1 46.4 86.4#
108 278.9 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: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

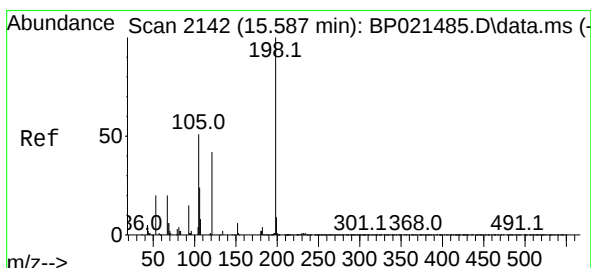
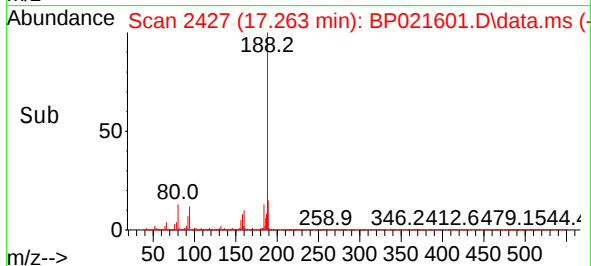
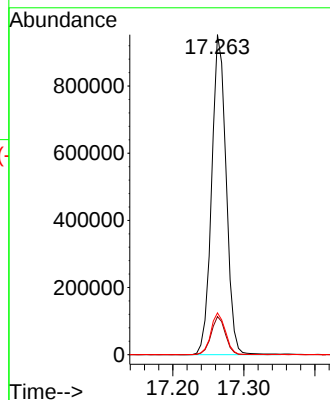
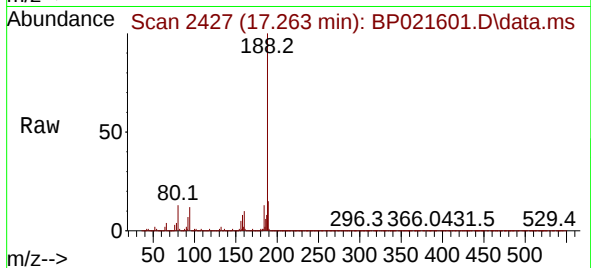
Tgt Ion:188 Resp: 1348819

Ion Ratio Lower Upper

188 100

94 11.9 10.2 15.4

80 13.0 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.622 ng

RT: 15.581 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

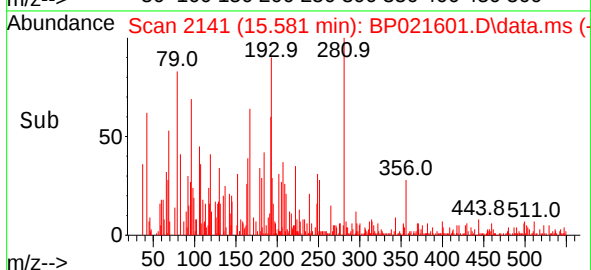
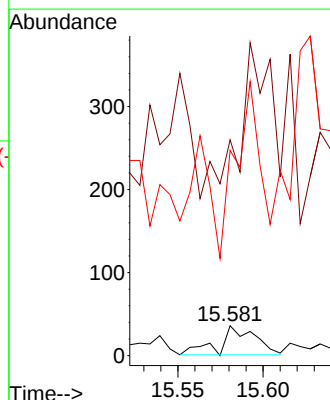
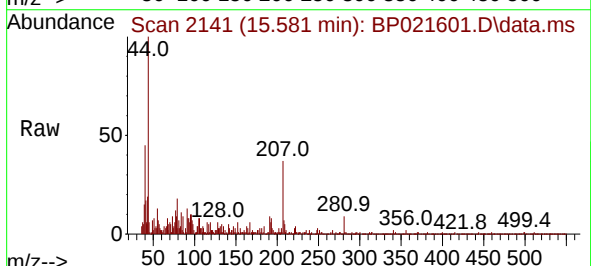
Tgt Ion:198 Resp: 51

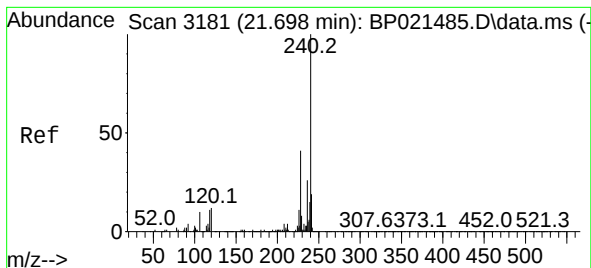
Ion Ratio Lower Upper

198 100

51 722.2 21.5 61.5#

105 686.1 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: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

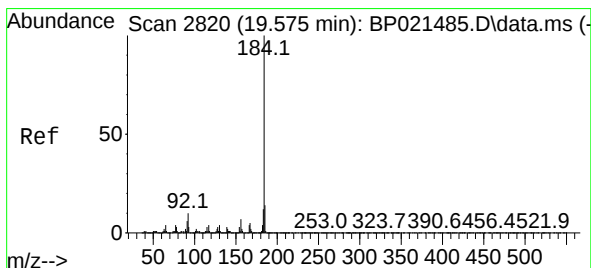
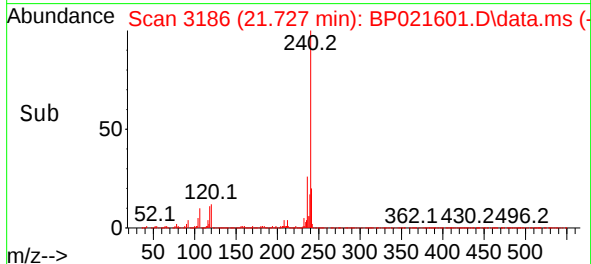
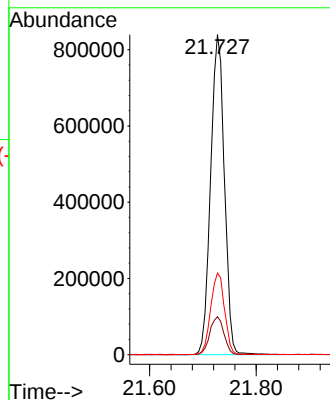
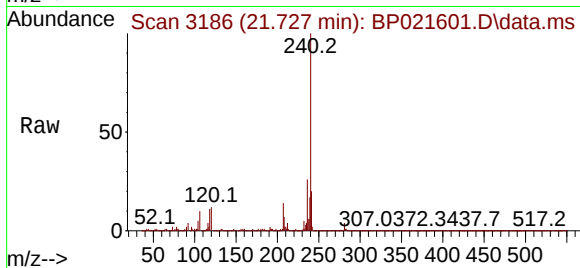
Tgt Ion:240 Resp: 1503972

Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

236 25.5 20.6 30.8



#77

Benzidine

Concen: 4.697 ng

RT: 19.598 min Scan# 2824

Delta R.T. 0.023 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

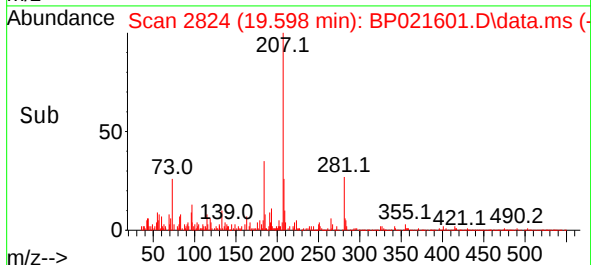
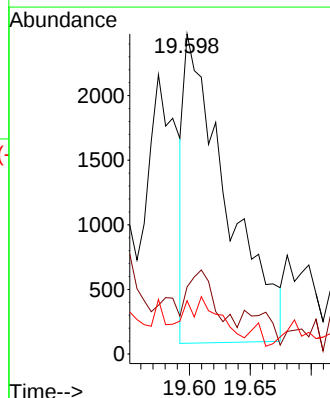
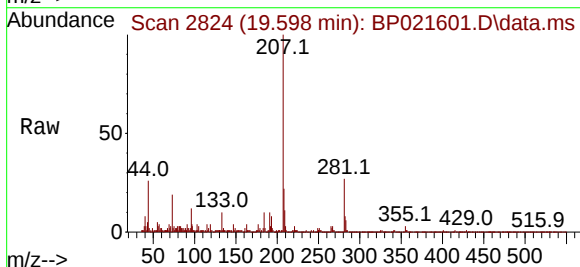
Tgt Ion:184 Resp: 5737

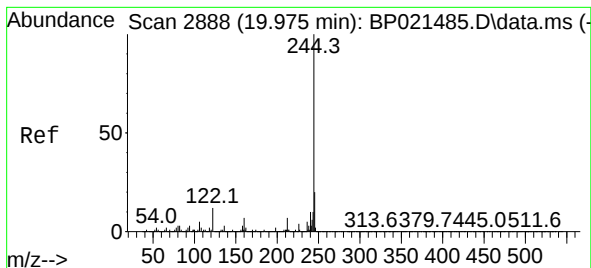
Ion Ratio Lower Upper

184 100

185 21.0 11.4 17.0#

183 16.7 9.3 13.9#





#79

Terphenyl-d14

Concen: 99.070 ng

RT: 19.998 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

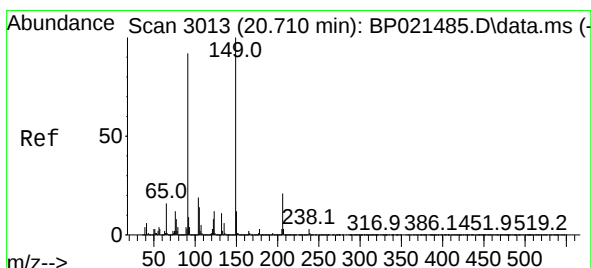
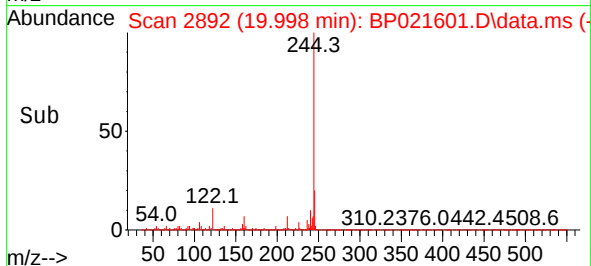
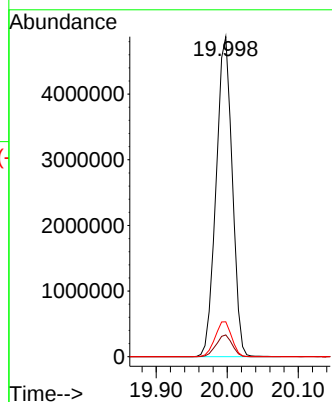
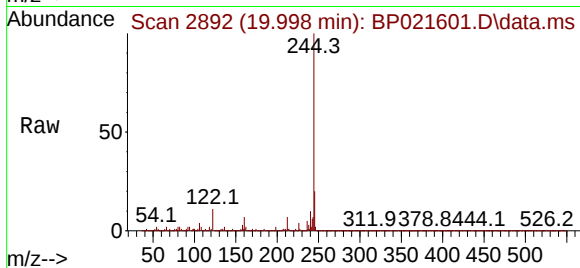
Tgt Ion:244 Resp: 7669571

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.9 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.609 ng

RT: 20.810 min Scan# 3030

Delta R.T. 0.100 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

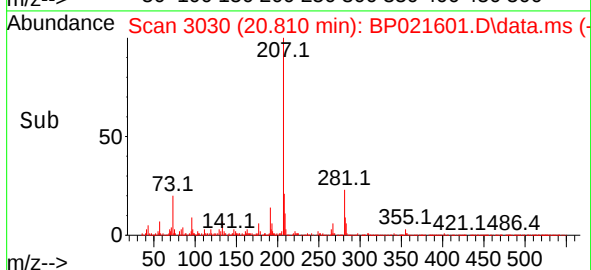
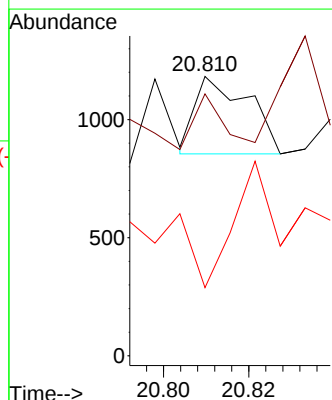
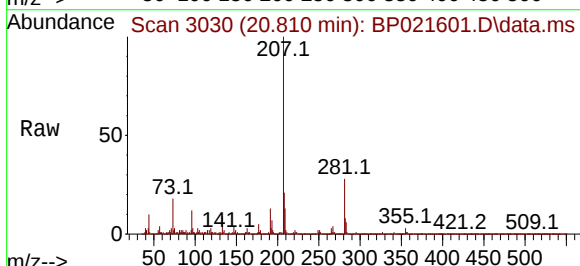
Tgt Ion:149 Resp: 282

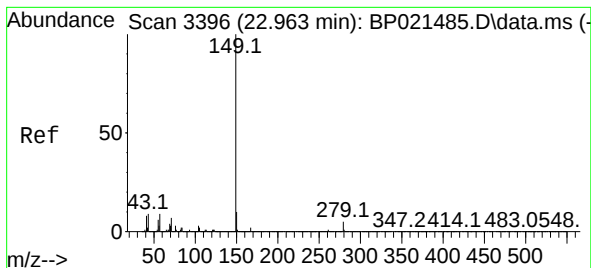
Ion Ratio Lower Upper

149 100

91 93.7 73.3 109.9

206 24.4 17.1 25.7





#85

Di-n-octyl phthalate

Concen: 4.851 ng

RT: 22.986 min Scan# 3400

Delta R.T. 0.023 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

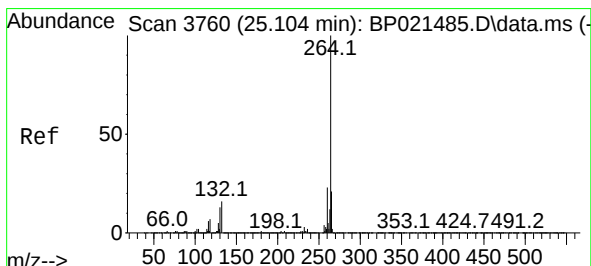
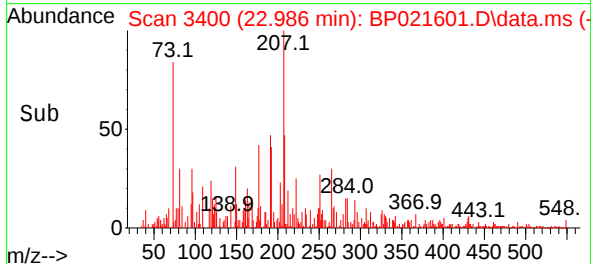
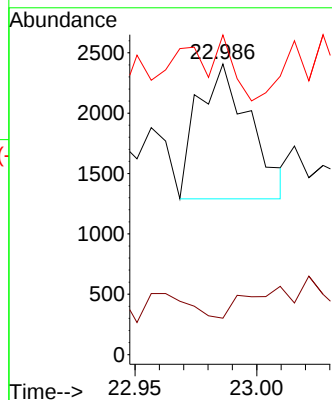
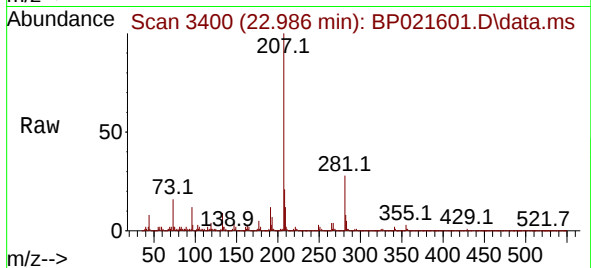
Tgt Ion:149 Resp: 1665

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 55.4 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

Tgt Ion:264 Resp: 1777297

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.9 17.1 25.7

