

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021615.D
 Acq On : 22 Aug 2024 15:48
 Operator : RC/JU
 Sample : P3689-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Quant Time: Aug 22 16:48:25 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)

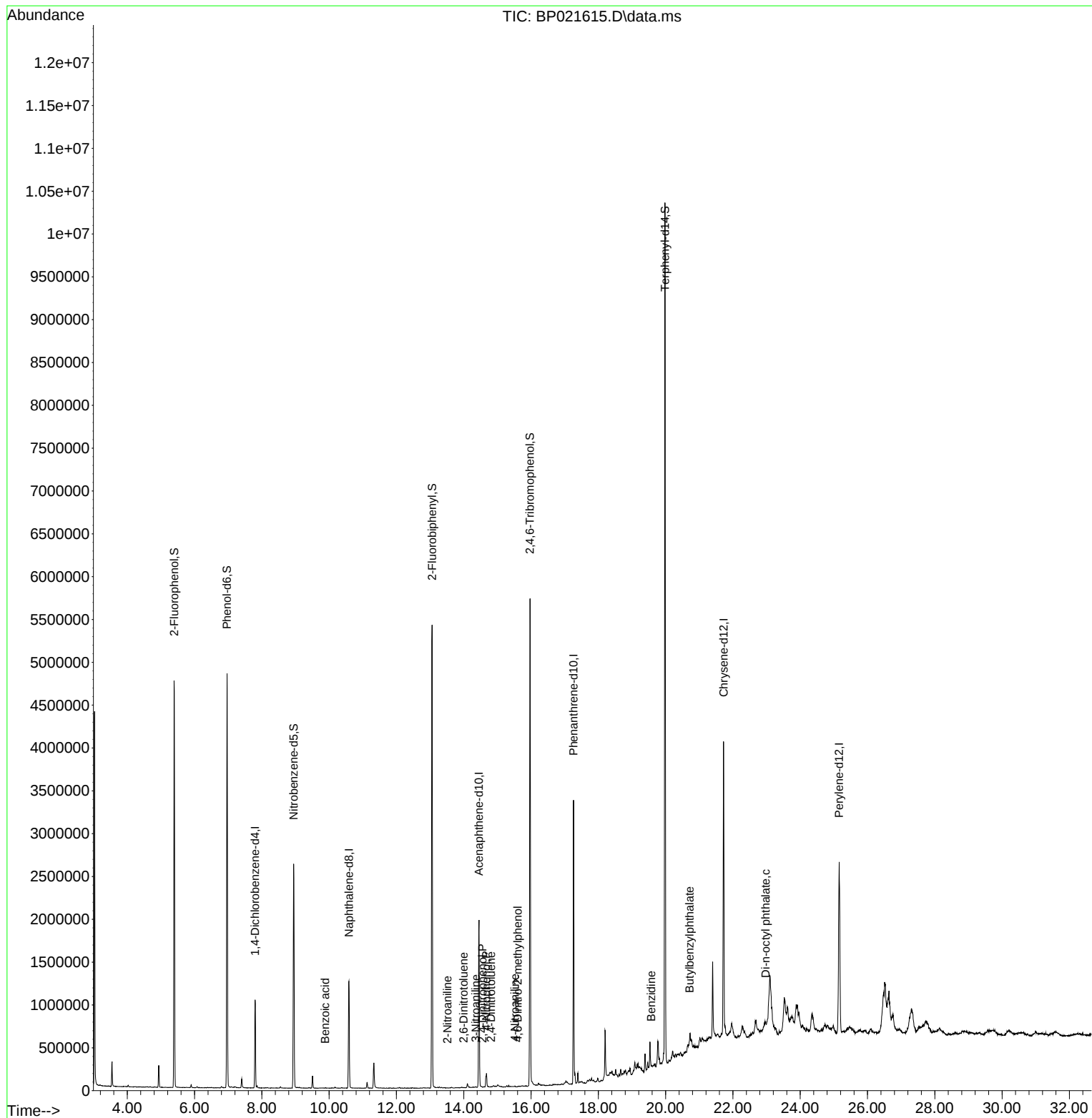
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	278085	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1138353	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	777548	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1833242	20.000	ng	0.01
76) Chrysene-d12	21.722	240	1894275	20.000	ng	0.00
86) Perylene-d12	25.157	264	2095430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2191592	117.022	ng	0.00
7) Phenol-d6	6.964	99	3101518	113.526	ng	0.00
23) Nitrobenzene-d5	8.946	82	1781998	80.799	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1233777	142.571	ng	0.01
45) 2-Fluorobiphenyl	13.057	172	3057947	60.021	ng	0.00
79) Terphenyl-d14	19.980	244	5627884	57.718	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.716	139	94	Below Cal	#	1
32) Benzoic acid	9.881	122	173	3.348	ng	# 1
48) 2-Nitroaniline	13.516	65	252	5.166	ng	# 44
51) 2,6-Dinitrotoluene	13.993	165	193	4.002	ng	# 67
53) 3-Nitroaniline	14.357	138	133	3.981	ng	# 33
54) 2,4-Dinitrophenol	14.557	184	76	2.470	ng	# 36
56) 4-Nitrophenol	14.669	139	1256	5.215	ng	# 1
57) 2,4-Dinitrotoluene	14.810	165	428	5.051	ng	# 72
62) 4-Nitroaniline	15.516	138	195	2.952	ng	# 61
65) 4,6-Dinitro-2-methylph...	15.604	198	118	4.634	ng	# 1
77) Benzidine	19.569	184	368	4.579	ng	# 1
80) Butylbenzylphthalate	20.716	149	1679	3.635	ng	# 71
85) Di-n-octyl phthalate	22.974	149	16535	4.957	ng	# 78

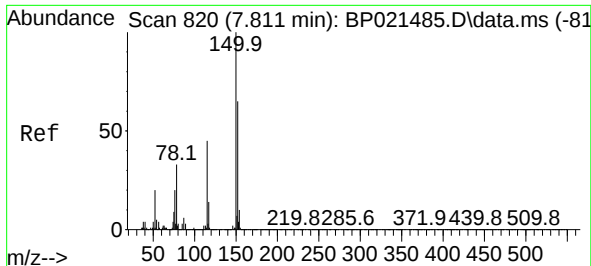
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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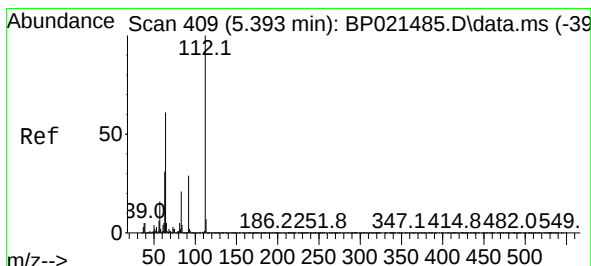
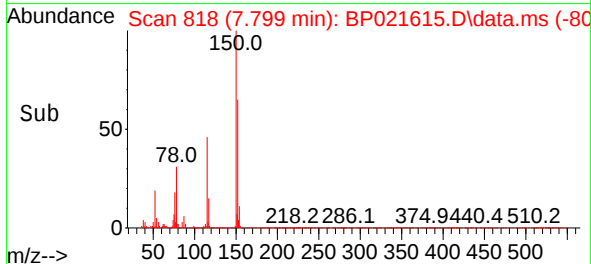
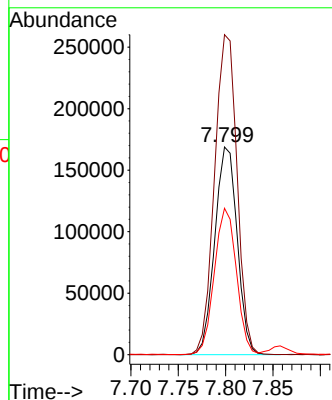
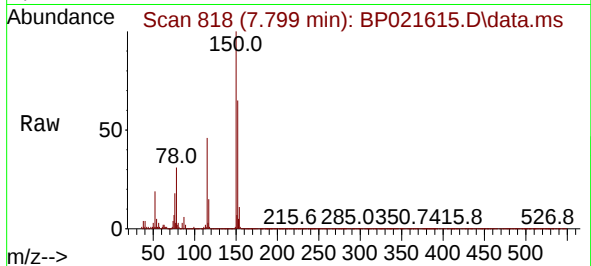




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

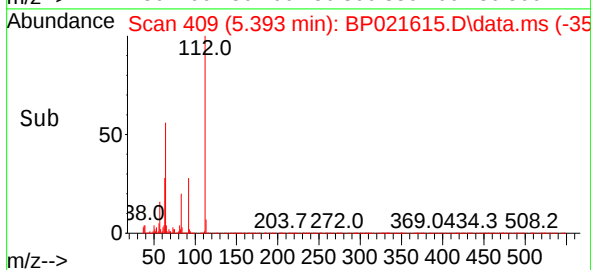
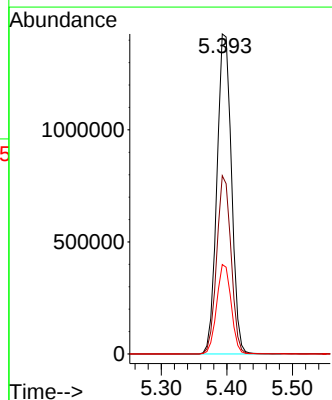
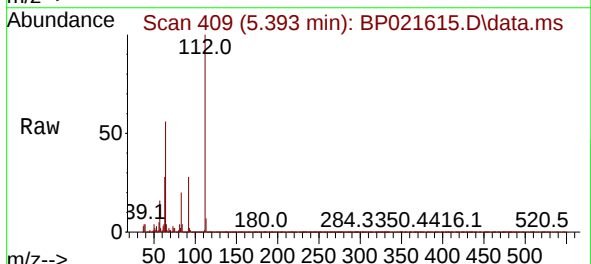
Instrument :
BNA_P
ClientSampleId :
WC-1

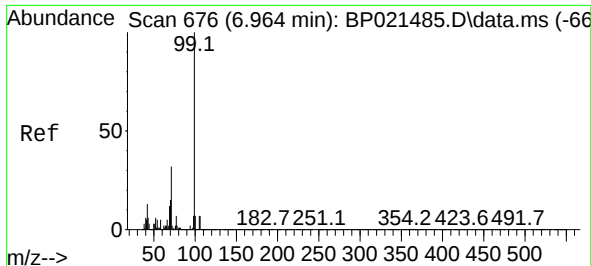
Tgt Ion:152 Resp: 278085
Ion Ratio Lower Upper
152 100
150 154.1 122.4 183.6
115 70.5 54.7 82.1



#5
2-Fluorophenol
Concen: 117.022 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Tgt Ion:112 Resp: 2191592
Ion Ratio Lower Upper
112 100
64 55.7 49.0 73.6
63 28.0 24.6 36.8

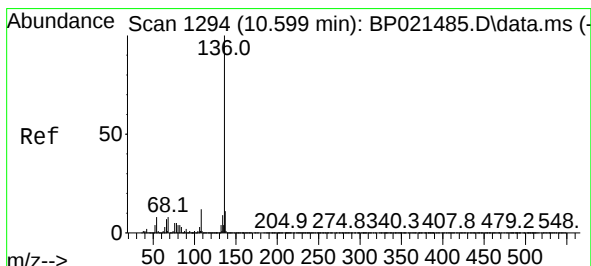
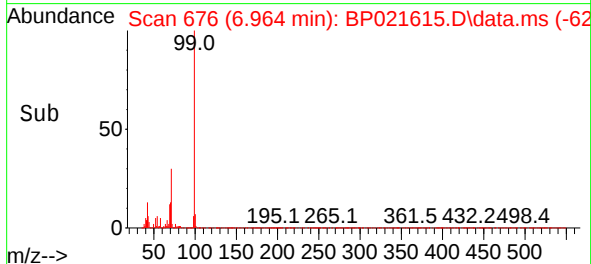
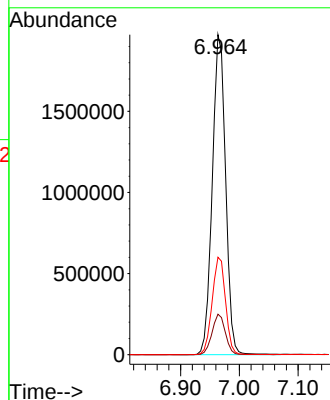
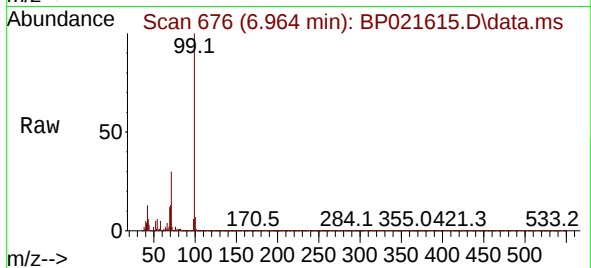




#7
Phenol-d6
Concen: 113.526 ng
RT: 6.964 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

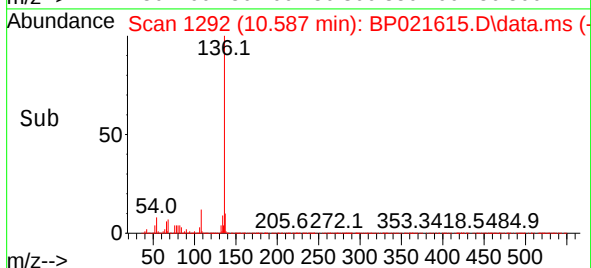
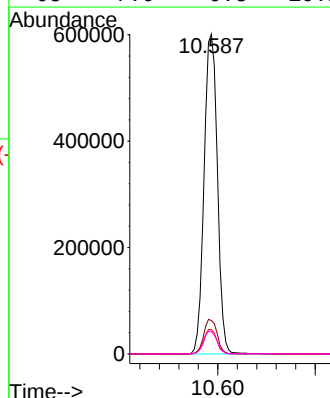
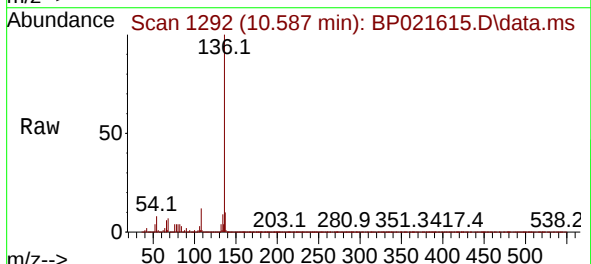
Instrument :
BNA_P
ClientSampleId :
WC-1

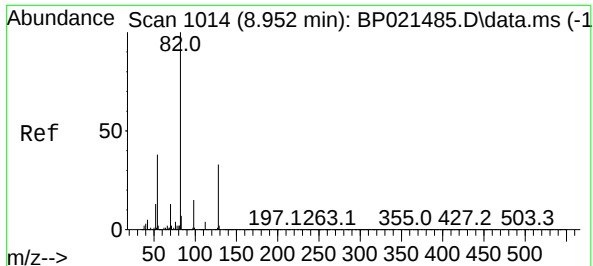
Tgt Ion: 99 Resp: 3101518
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 30.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Tgt Ion: 136 Resp: 1138353
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.6 6.3 9.5
68 7.0 6.8 10.2





#23

Nitrobenzene-d5

Concen: 80.799 ng

RT: 8.946 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

Instrument :

BNA_P

ClientSampleId :

WC-1

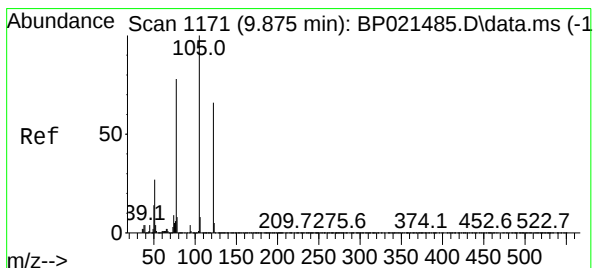
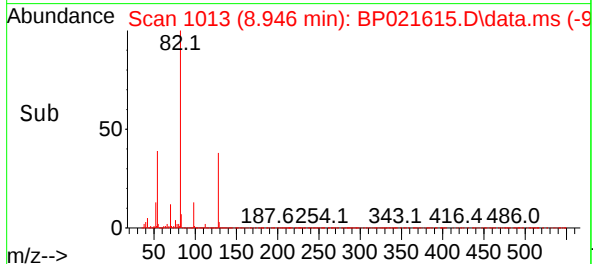
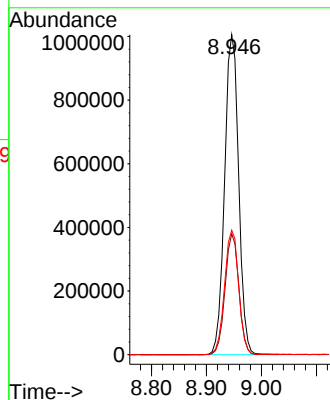
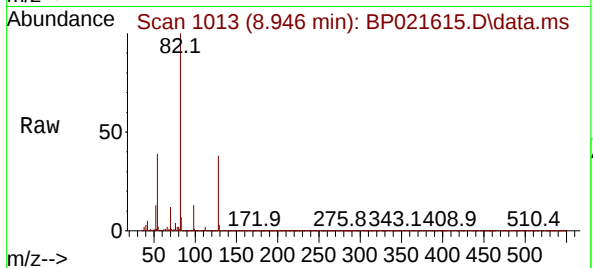
Tgt Ion: 82 Resp: 1781998

Ion Ratio Lower Upper

82 100

128 37.8 26.5 39.7

54 38.9 30.3 45.5



#32

Benzoic acid

Concen: 3.348 ng

RT: 9.881 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

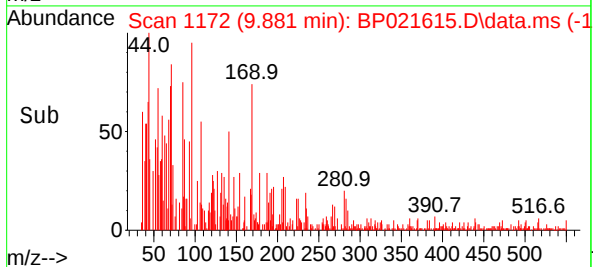
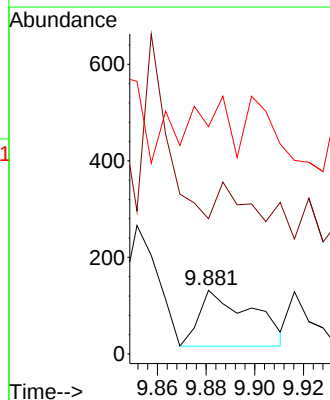
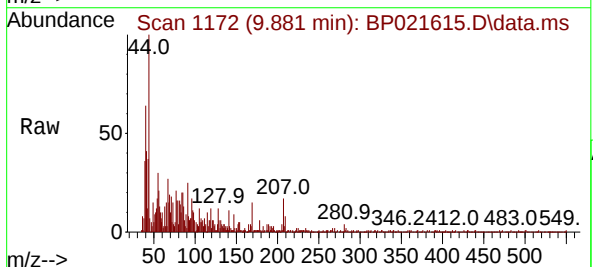
Tgt Ion:122 Resp: 173

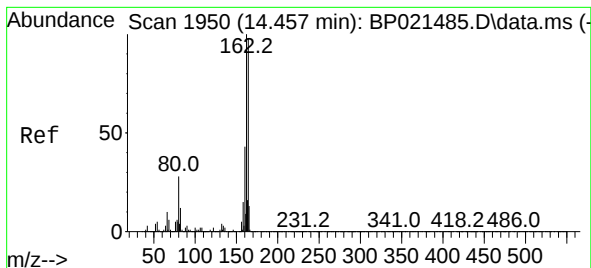
Ion Ratio Lower Upper

122 100

105 212.1 124.6 164.6#

77 356.8 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: BP021615.D

Acq: 22 Aug 2024 15:48

Instrument :

BNA_P

ClientSampleId :

WC-1

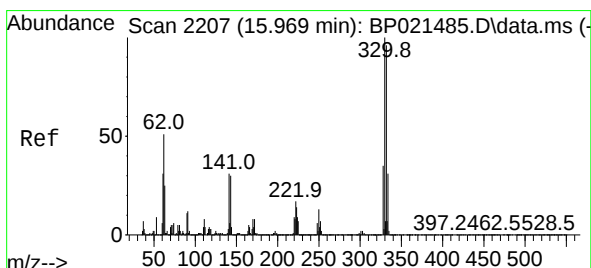
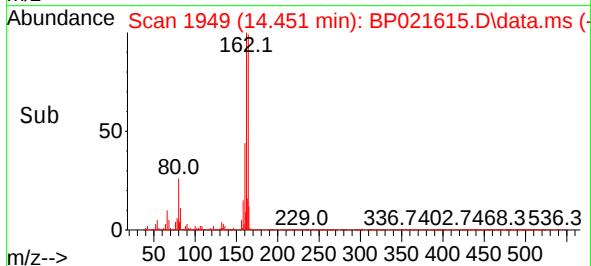
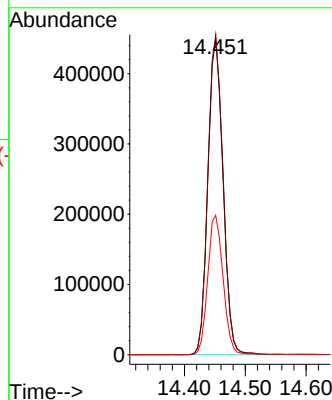
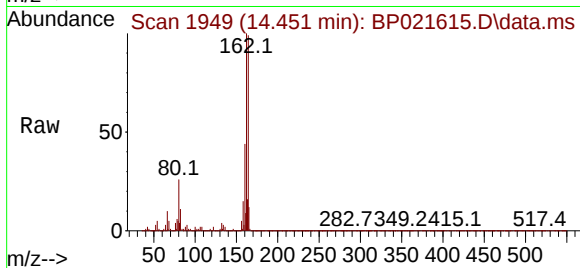
Tgt Ion:164 Resp: 777548

Ion Ratio Lower Upper

164 100

162 101.2 81.5 122.3

160 44.1 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 142.571 ng

RT: 15.969 min Scan# 2207

Delta R.T. 0.012 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

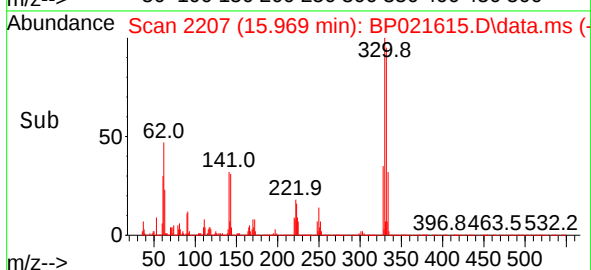
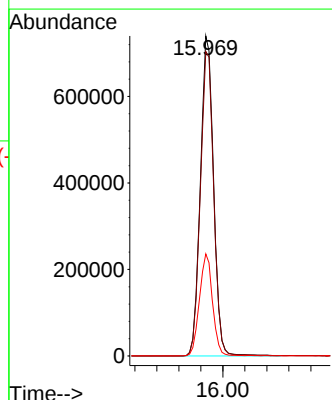
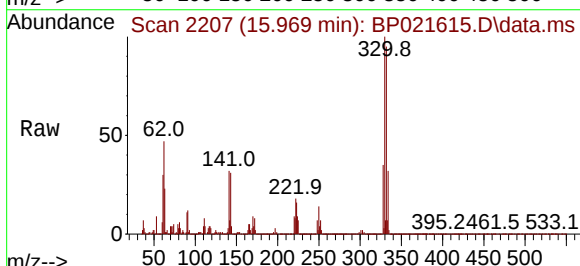
Tgt Ion:330 Resp: 1233777

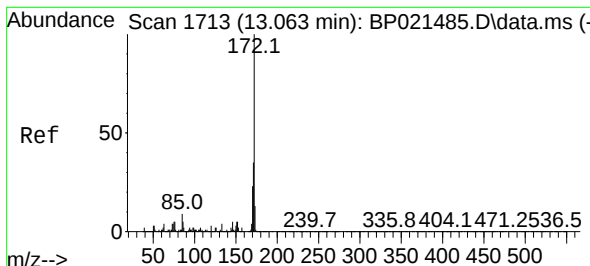
Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

141 31.7 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 60.021 ng

RT: 13.057 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

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BNA_P

ClientSampleId :

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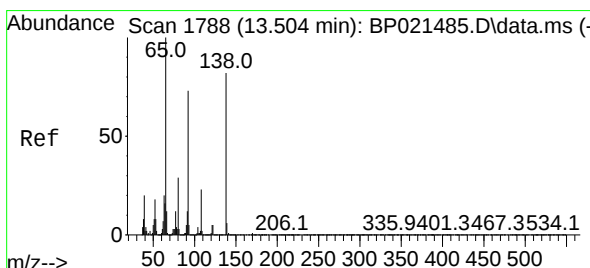
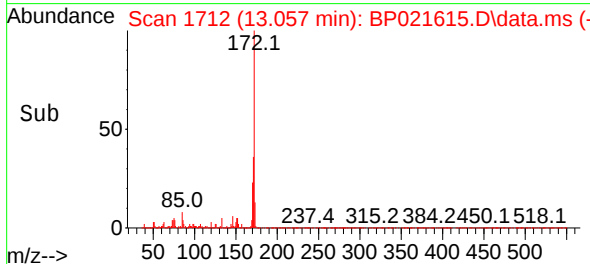
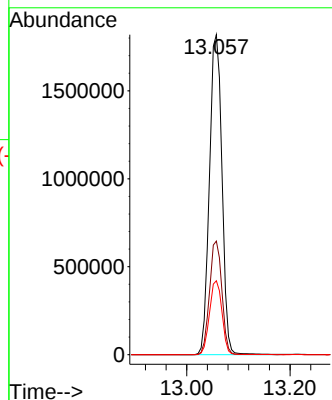
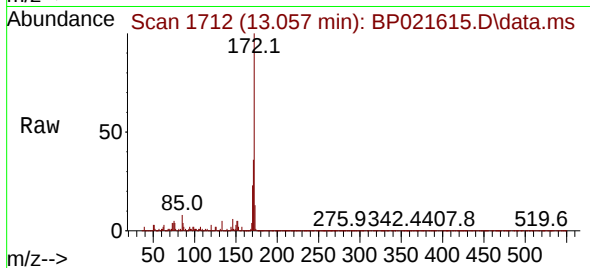
Tgt Ion:172 Resp: 3057947

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.1 18.4 27.6



#48

2-Nitroaniline

Concen: 5.166 ng

RT: 13.516 min Scan# 1790

Delta R.T. 0.012 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

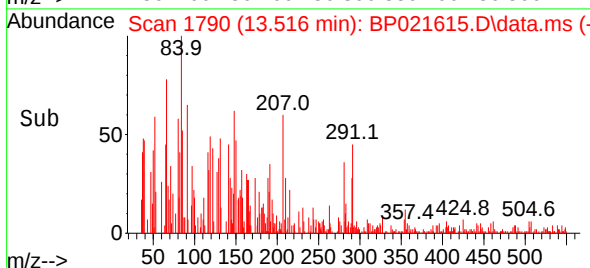
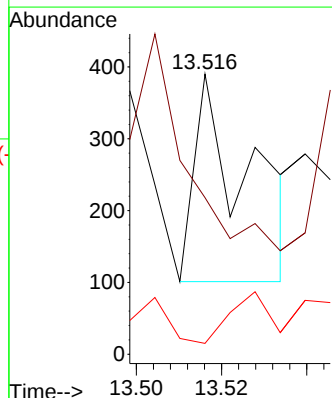
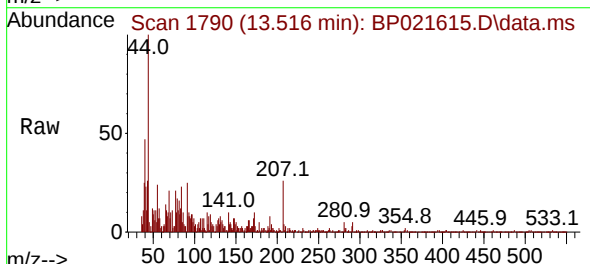
Tgt Ion: 65 Resp: 252

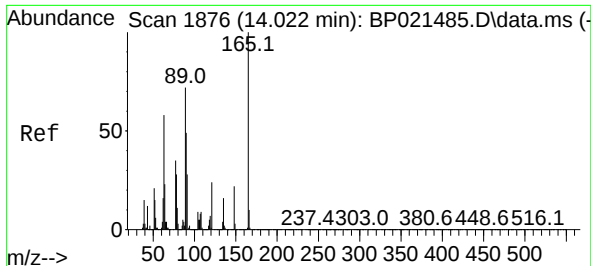
Ion Ratio Lower Upper

65 100

92 55.9 58.1 87.1#

138 3.8 65.5 98.3#

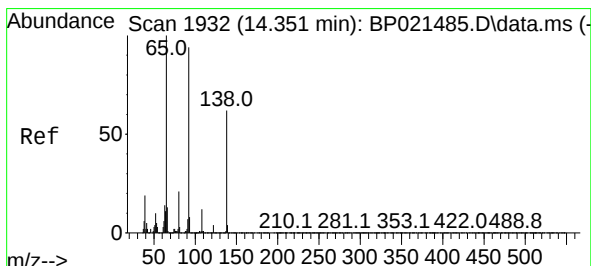
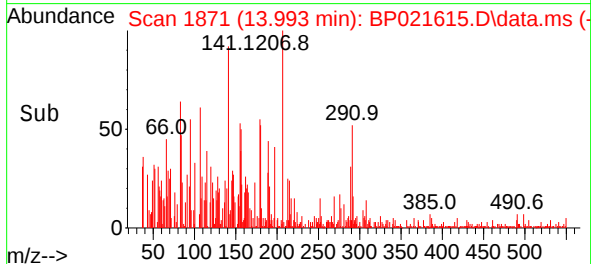
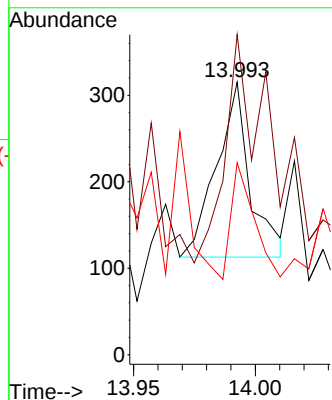
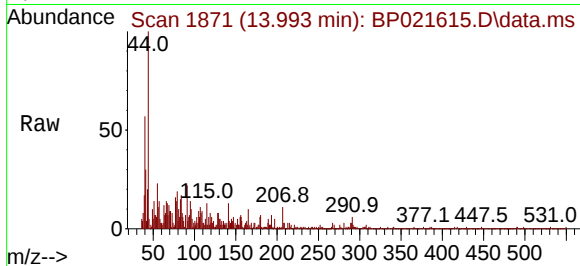




#51
2,6-Dinitrotoluene
Concen: 4.002 ng
RT: 13.993 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

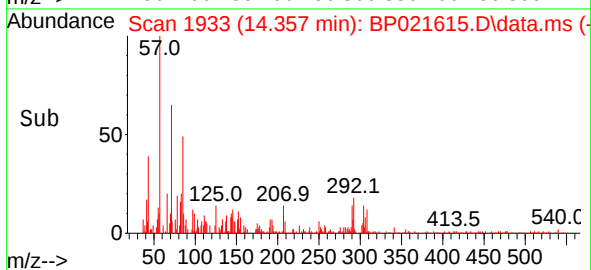
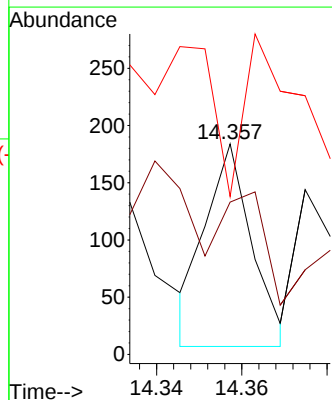
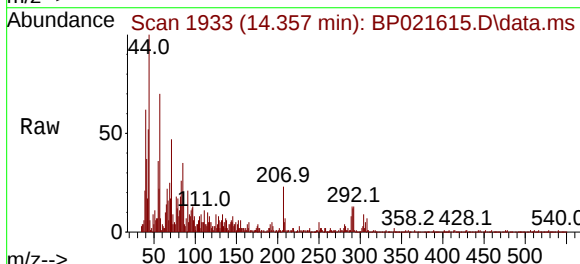
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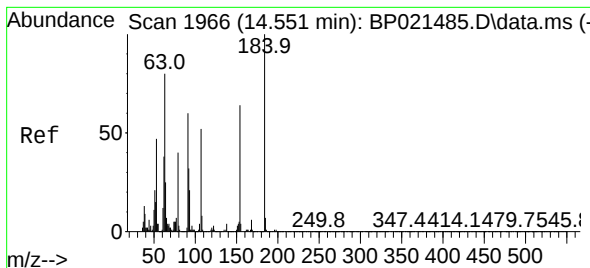
Tgt Ion:165 Resp: 193
Ion Ratio Lower Upper
165 100
63 117.5 51.5 77.3#
89 70.5 57.8 86.8



#53
3-Nitroaniline
Concen: 3.981 ng
RT: 14.357 min Scan# 1933
Delta R.T. 0.018 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Tgt Ion:138 Resp: 133
Ion Ratio Lower Upper
138 100
108 72.3 16.2 24.4#
92 75.0 122.2 183.4#

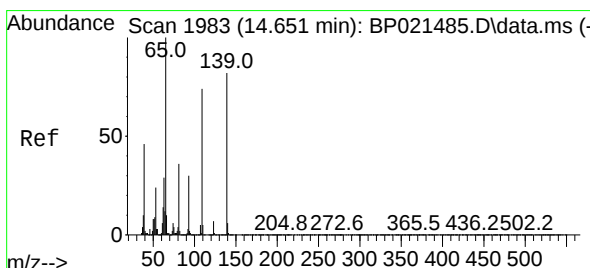
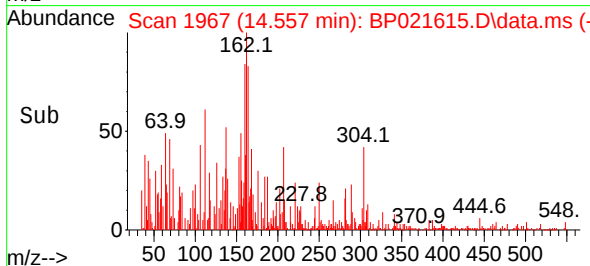
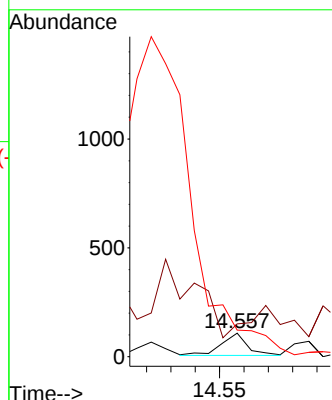
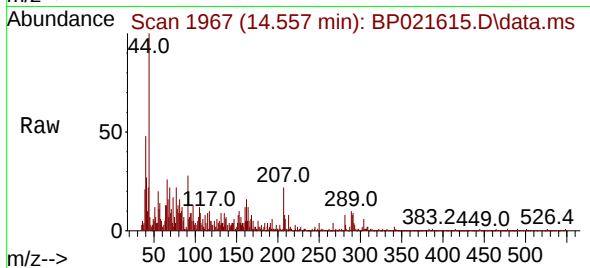




#54
2,4-Dinitrophenol
Concen: 2.470 ng
RT: 14.557 min Scan# 1966
Delta R.T. 0.012 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

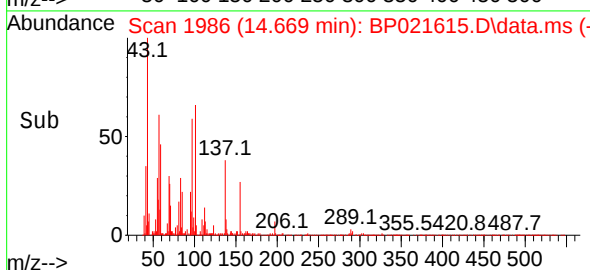
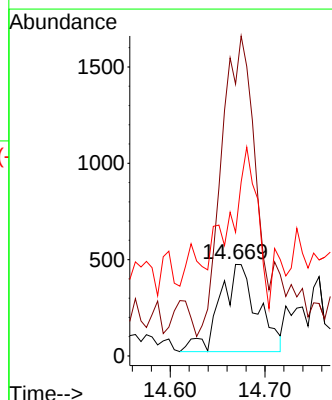
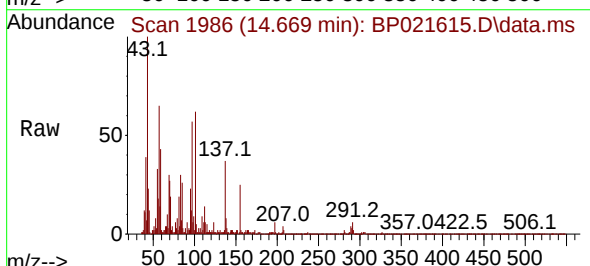
Instrument :
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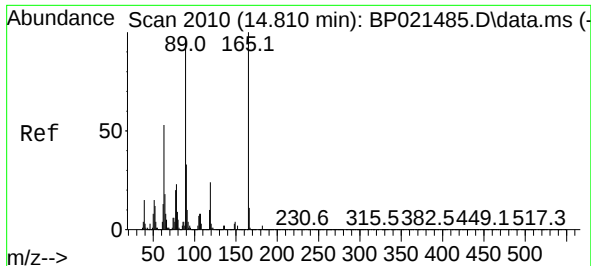
Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 139.8 64.9 97.3#
154 113.0 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.215 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Tgt Ion:139 Resp: 1256
Ion Ratio Lower Upper
139 100
109 297.1 70.2 110.2#
65 135.2 101.8 141.8

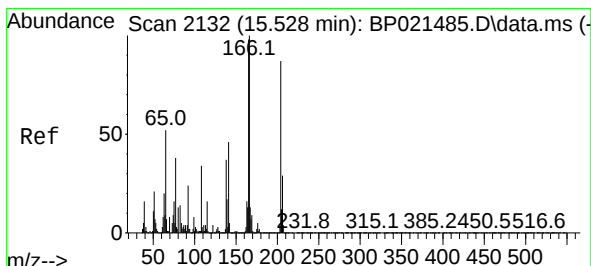
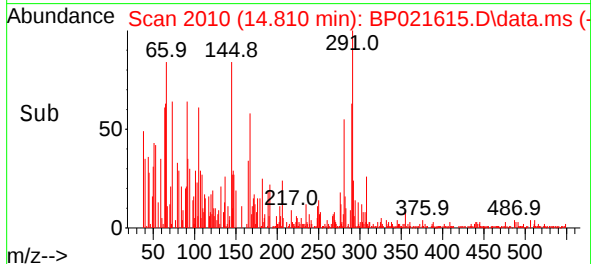
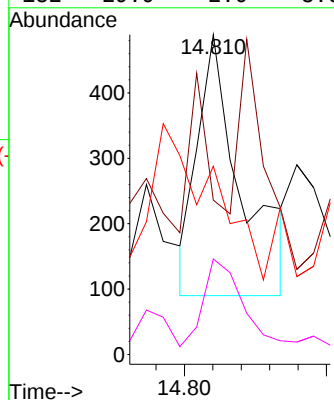
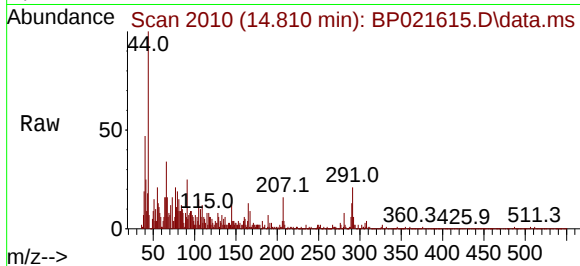




#57
2,4-Dinitrotoluene
Concen: 5.051 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

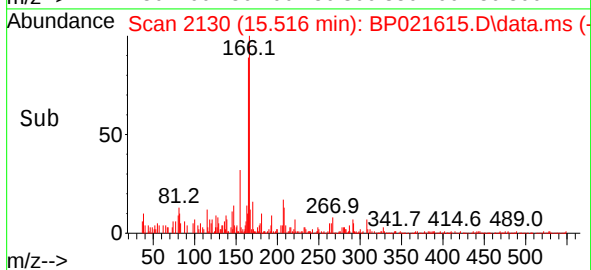
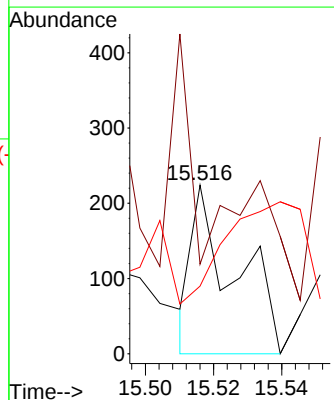
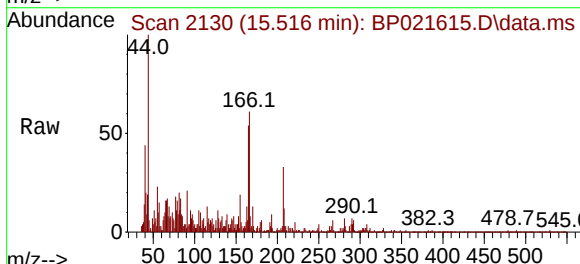
Instrument :
BNA_P
ClientSampleId :
WC-1

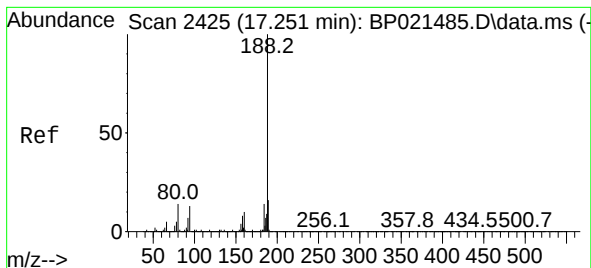
Tgt Ion:165 Resp: 428
Ion Ratio Lower Upper
165 100
63 48.3 42.5 63.7
89 58.9 77.1 115.7#
182 29.9 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.952 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP021615.D
Acq: 22 Aug 2024 15:48

Tgt Ion:138 Resp: 195
Ion Ratio Lower Upper
138 100
92 53.1 46.4 86.4
108 40.2 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: BP021615.D

Acq: 22 Aug 2024 15:48

Instrument :

BNA_P

ClientSampleId :

WC-1

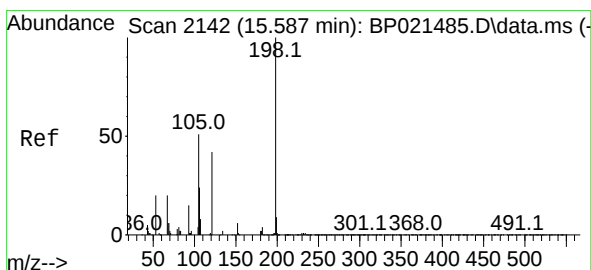
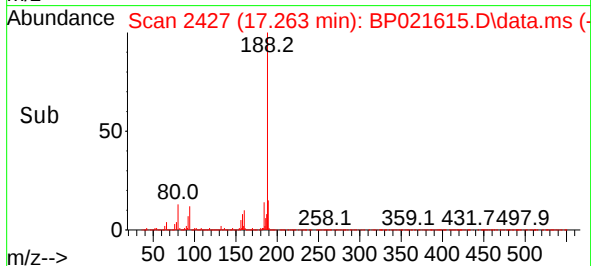
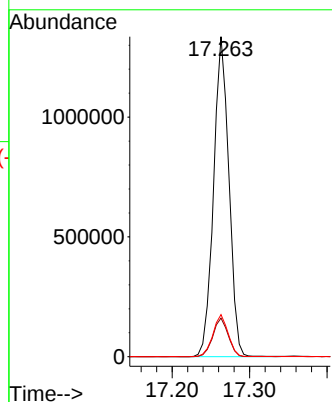
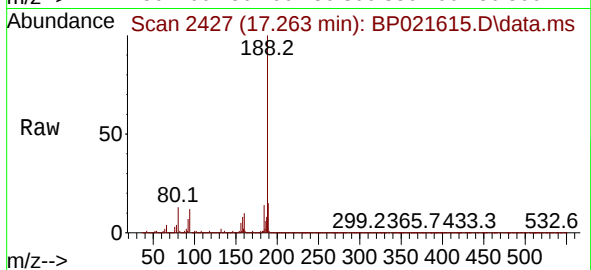
Tgt Ion:188 Resp: 1833242

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.4

80 13.1 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.634 ng

RT: 15.604 min Scan# 2145

Delta R.T. 0.018 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

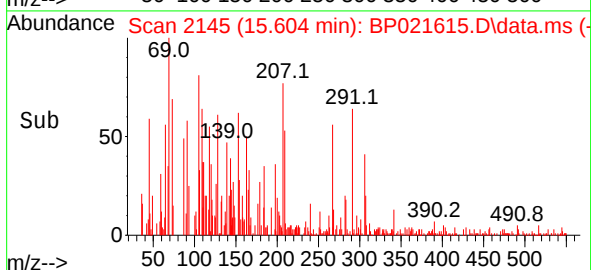
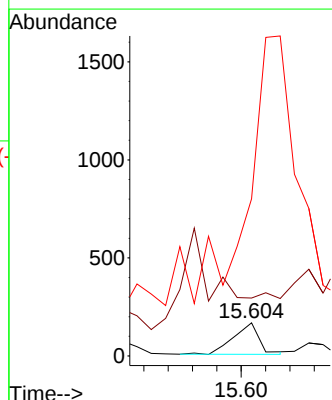
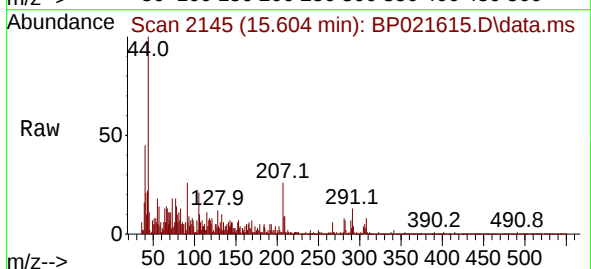
Tgt Ion:198 Resp: 118

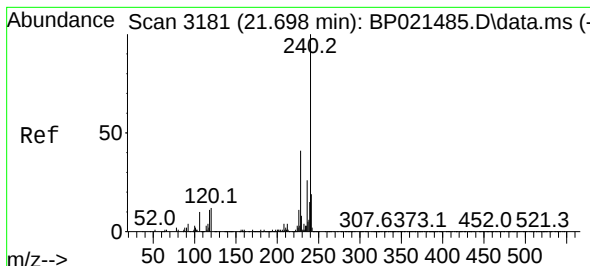
Ion Ratio Lower Upper

198 100

51 174.6 21.5 61.5#

105 474.0 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.006 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

Instrument :

BNA_P

ClientSampleId :

WC-1

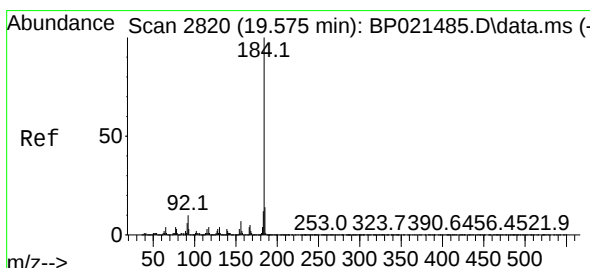
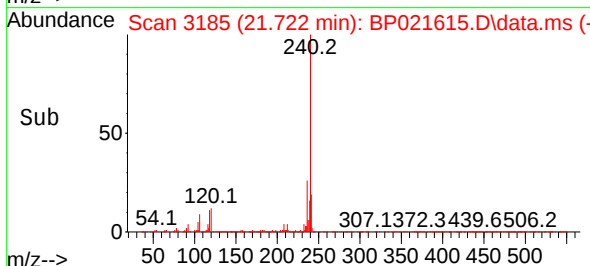
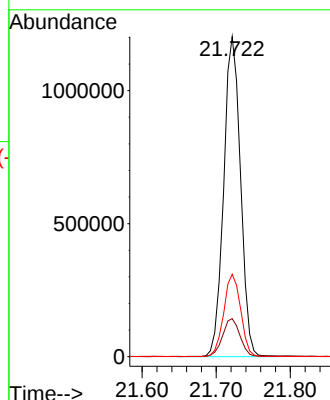
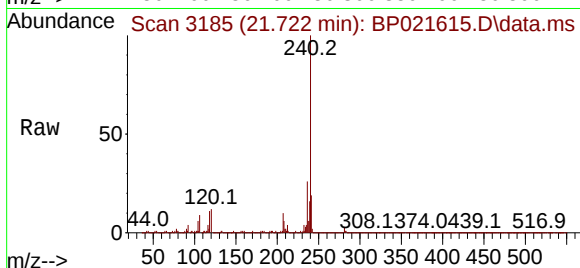
Tgt Ion:240 Resp: 1894275

Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

236 25.8 20.6 30.8



#77

Benzidine

Concen: 4.579 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

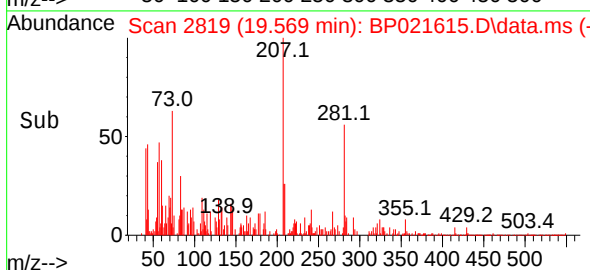
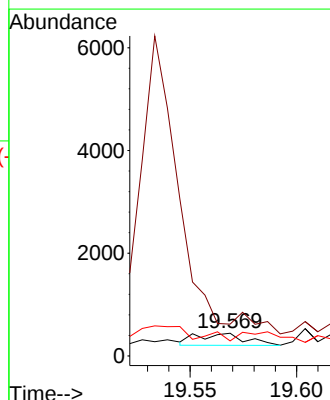
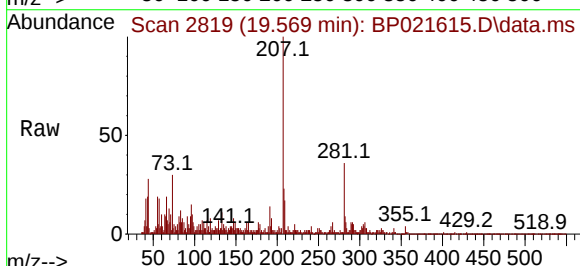
Tgt Ion:184 Resp: 368

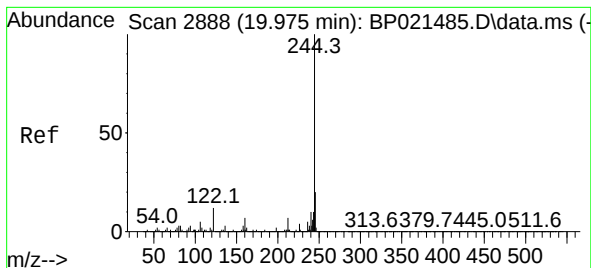
Ion Ratio Lower Upper

184 100

185 140.0 11.4 17.0#

183 66.1 9.3 13.9#





#79

Terphenyl-d14

Concen: 57.718 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

Instrument :

BNA_P

ClientSampleId :

WC-1

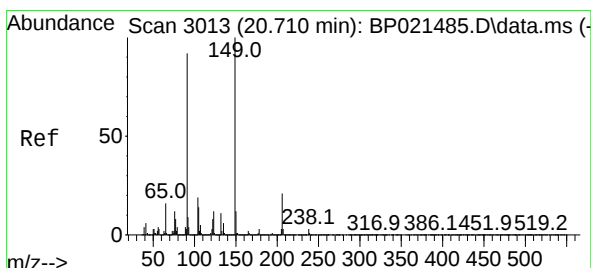
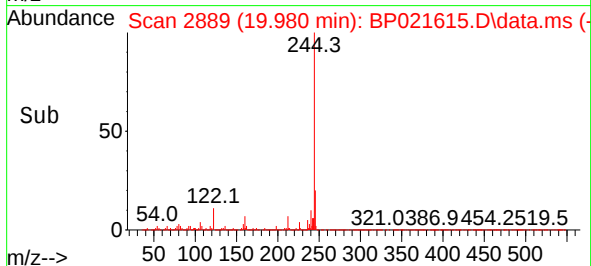
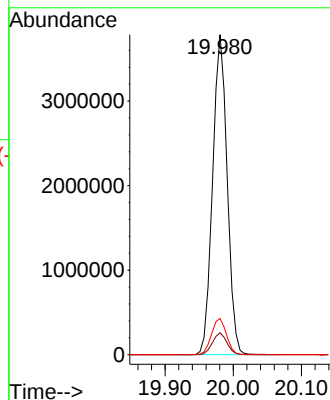
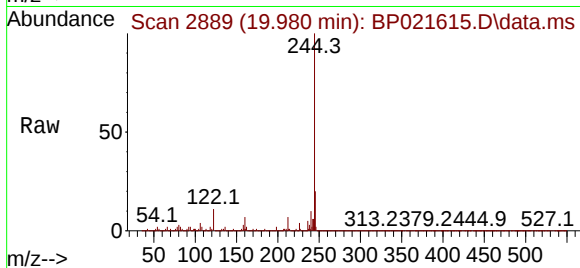
Tgt Ion:244 Resp: 5627884

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.635 ng

RT: 20.716 min Scan# 3014

Delta R.T. 0.006 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

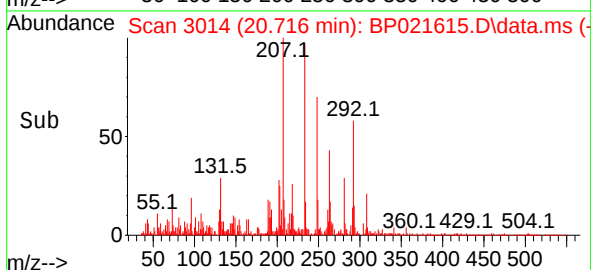
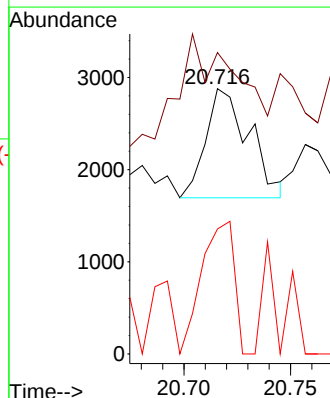
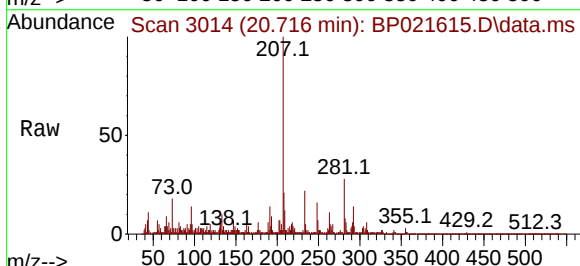
Tgt Ion:149 Resp: 1679

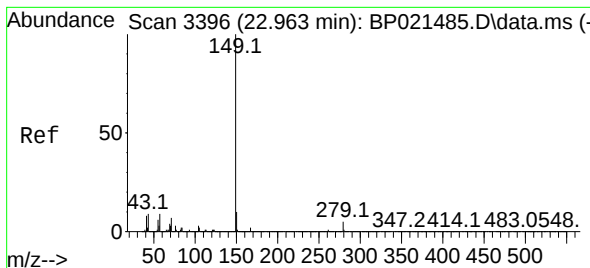
Ion Ratio Lower Upper

149 100

91 113.7 73.3 109.9#

206 47.1 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.957 ng

RT: 22.974 min Scan# 3398

Delta R.T. 0.012 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

Instrument :

BNA_P

ClientSampleId :

WC-1

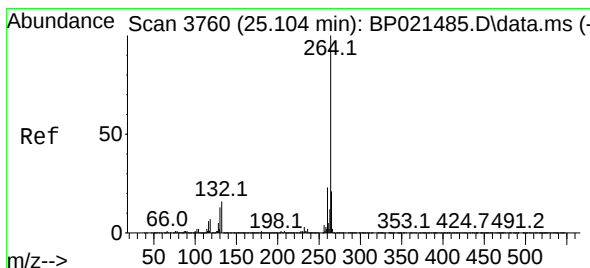
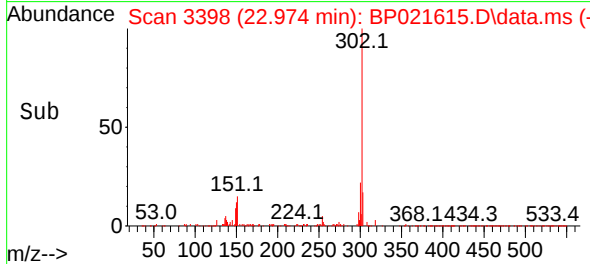
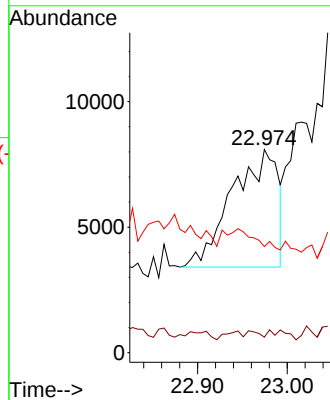
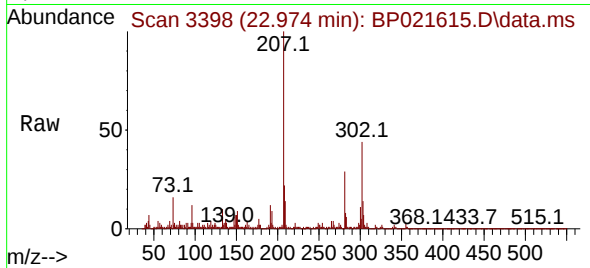
Tgt Ion:149 Resp: 16535

Ion Ratio Lower Upper

149 100

167 3.2 1.3 1.9#

43 0.0 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.157 min Scan# 3769

Delta R.T. 0.006 min

Lab File: BP021615.D

Acq: 22 Aug 2024 15:48

Tgt Ion:264 Resp: 2095430

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.4 17.1 25.7

