

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012719.D
 Acq On : 23 Nov 2022 20:06
 Operator : CG/JU
 Sample : N5765-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-14

Quant Time: Nov 24 02:33:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 00:38:14 2022
 Response via : Initial Calibration

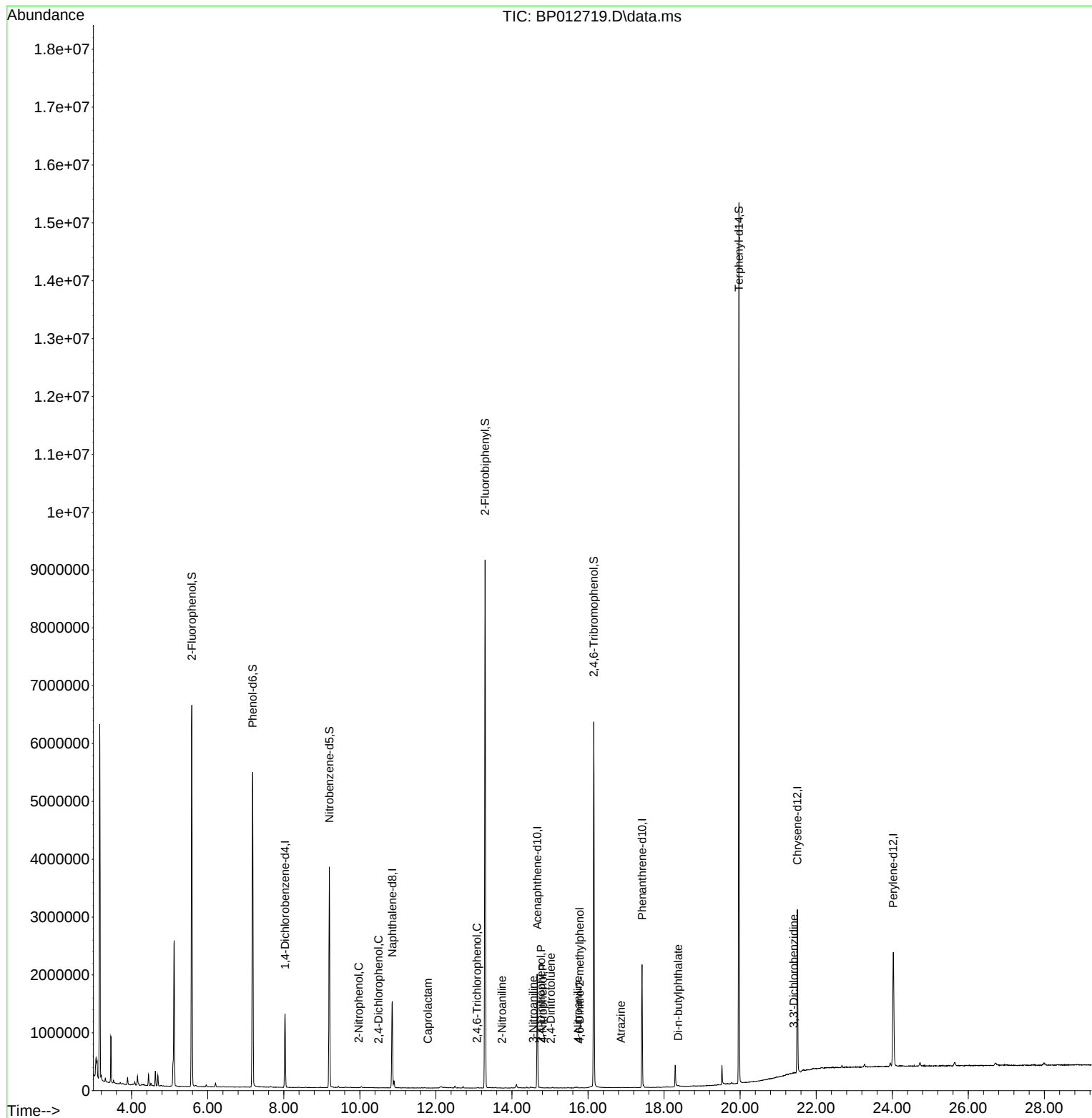
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	347906	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	1270638	20.000	ng	0.00
39) Acenaphthene-d10	14.663	164	664692	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1295059	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1382127	20.000	ng	0.00
86) Perylene-d12	24.027	264	1535512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2954975	184.008	ng	0.00
7) Phenol-d6	7.181	99	3251263	141.172	ng	0.00
23) Nitrobenzene-d5	9.199	82	2047173	89.854	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	1187471	137.455	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	4696628	100.665	ng	0.00
79) Terphenyl-d14	19.969	244	7107328	109.293	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.181	77	5844	Below Cal	#	7
26) 2-Nitrophenol	9.969	139	64	4.416 ng	#	17
29) 2,4-Dichlorophenol	10.493	162	97	2.210 ng	#	1
35) Caprolactam	11.787	113	192	2.786 ng	#	15
43) 2,4,6-Trichlorophenol	13.081	196	32	4.185 ng	#	27
48) 2-Nitroaniline	13.740	65	157	4.820 ng	#	18
53) 3-Nitroaniline	14.557	138	17	3.678 ng	#	1
54) 2,4-Dinitrophenol	14.763	184	28	3.029 ng	#	1
56) 4-Nitrophenol	14.810	139	83	5.707 ng	#	49
57) 2,4-Dinitrotoluene	15.022	165	195	3.565 ng	#	48
62) 4-Nitroaniline	15.734	138	103	4.615 ng	#	61
65) 4,6-Dinitro-2-methylph...	15.781	198	43	3.691 ng	#	1
69) Atrazine	16.863	200	82	4.033 ng	#	83
74) Di-n-butylphthalate	18.369	149	5311	5.771 ng	#	91
80) Butylbenzylphthalate	20.551	149	498	Below Cal	#	89
82) 3,3'-Dichlorobenzidine	21.410	252	153	8.622 ng	#	29
84) Bis(2-ethylhexyl)phtha...	21.416	149	3943	Below Cal	#	97
85) Di-n-octyl phthalate	22.380	149	429	Below Cal	#	1

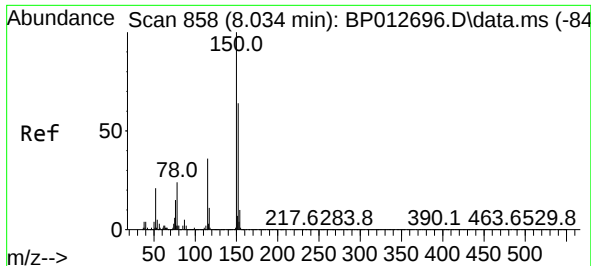
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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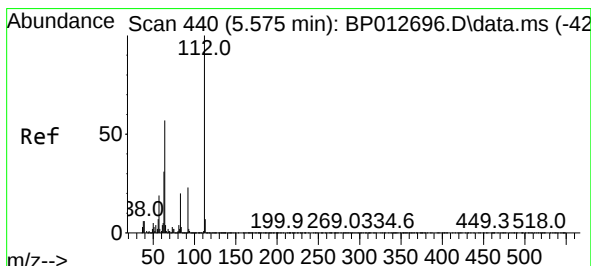
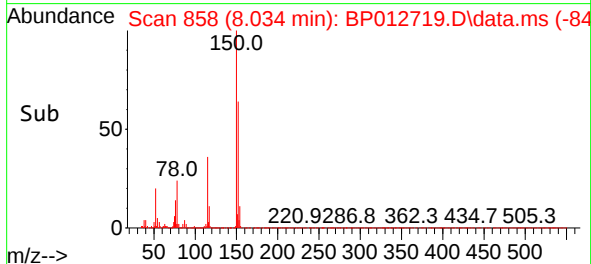
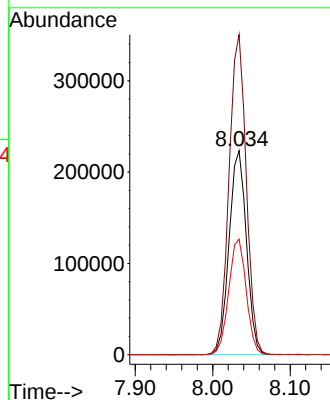
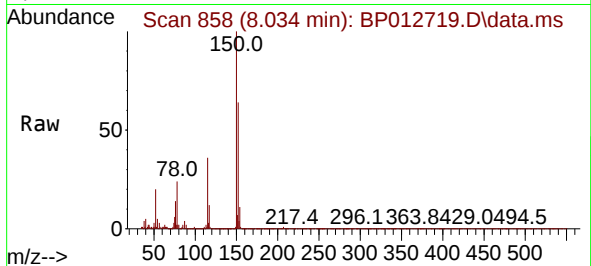




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

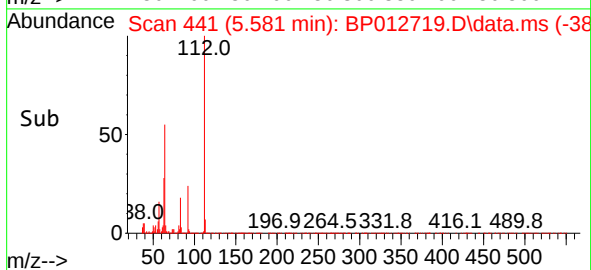
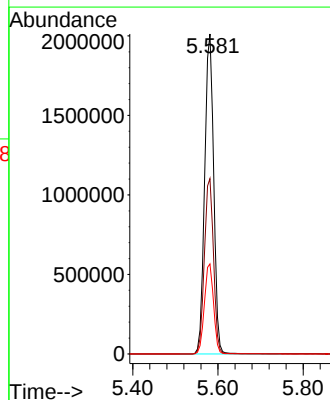
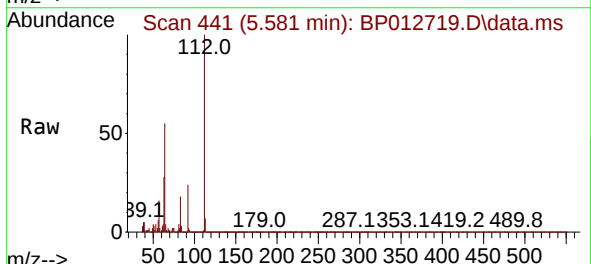
Instrument :
BNA_P
ClientSampleId :
MH-14

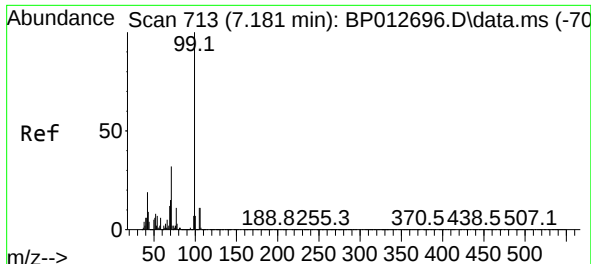
Tgt Ion:152 Resp: 347906
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 56.7 44.9 67.3



#5
2-Fluorophenol
Concen: 184.008 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion:112 Resp: 2954975
Ion Ratio Lower Upper
112 100
64 54.8 45.4 68.0
63 28.2 24.6 37.0



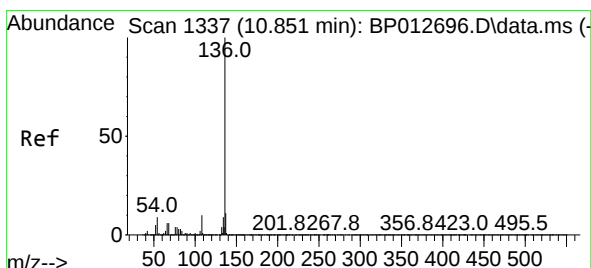
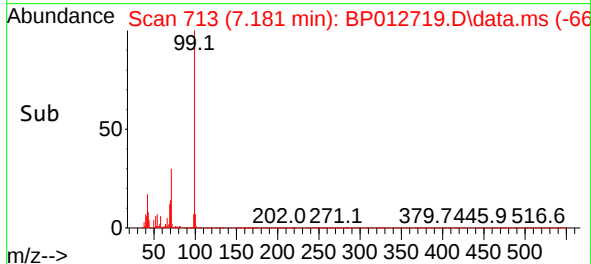
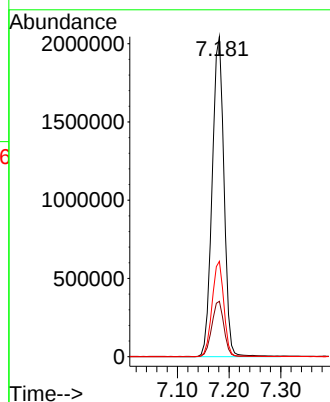
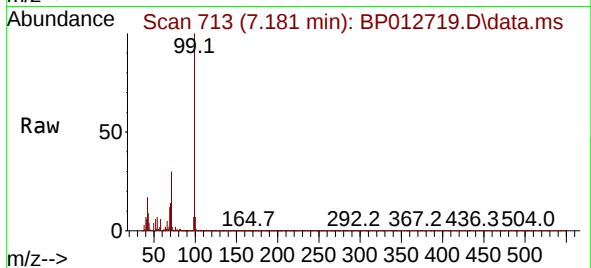


#7
Phenol-d6
Concen: 141.172 ng
RT: 7.181 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Instrument :
BNA_P
ClientSampleId :
MH-14

Tgt Ion: 99 Resp: 3251263

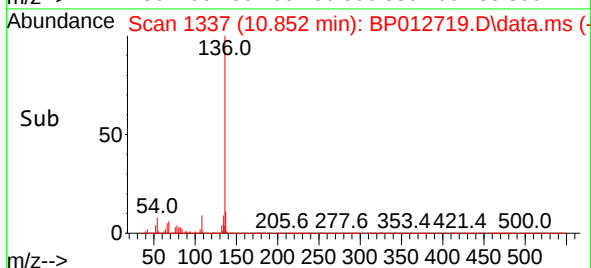
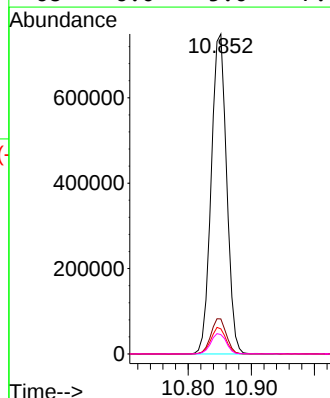
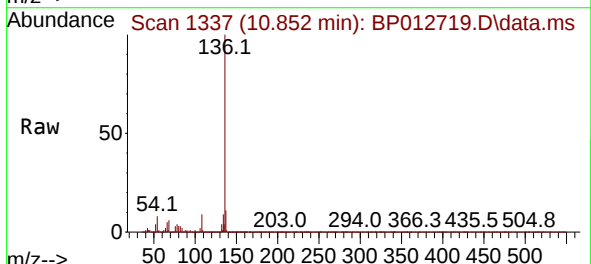
Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.6
71	29.8	25.3	37.9

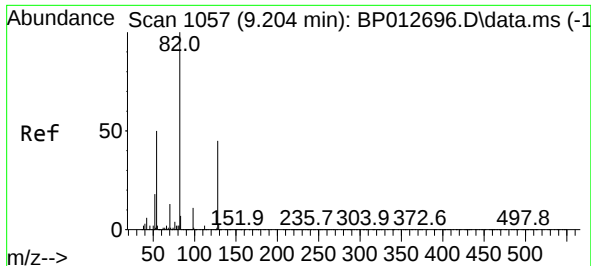


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion:136 Resp: 1270638

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.8	6.9	10.3
68	6.0	5.0	7.6



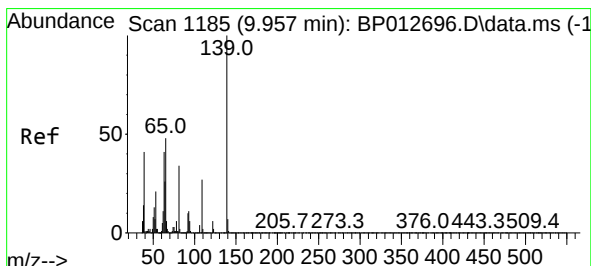
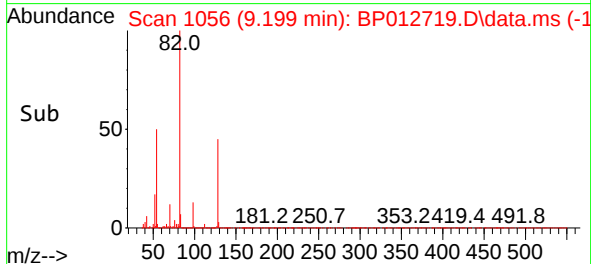
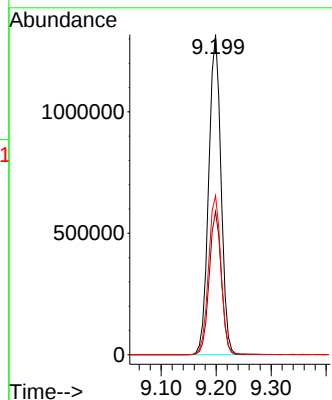
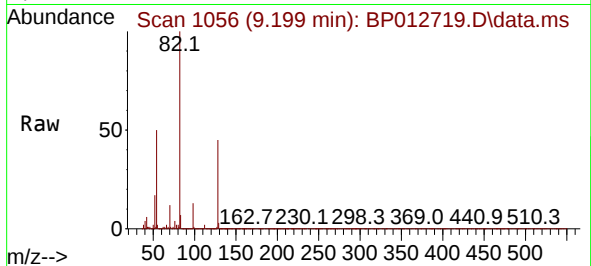


#23
Nitrobenzene-d5
Concen: 89.854 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Instrument :
BNA_P
ClientSampleId :
MH-14

Tgt Ion: 82 Resp: 2047173

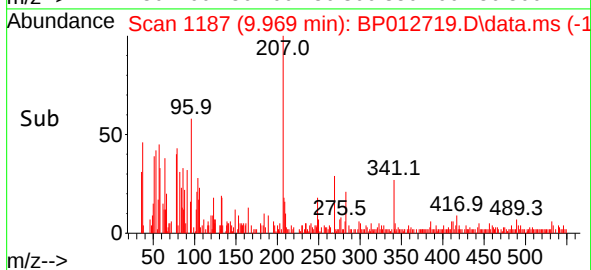
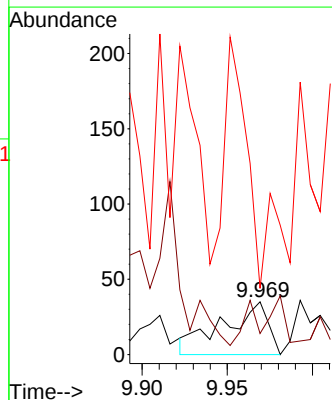
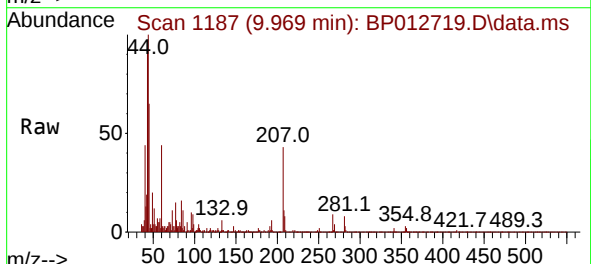
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.6	53.4
54	49.7	40.3	60.5

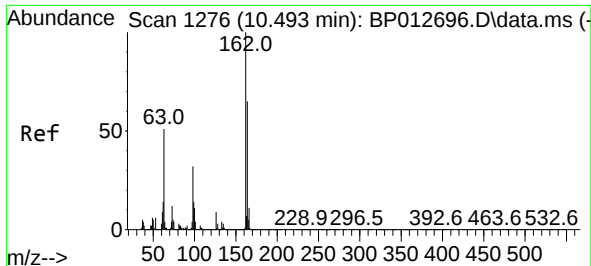


#26
2-Nitrophenol
Concen: 4.416 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.012 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion: 139 Resp: 64

Ion	Ratio	Lower	Upper
139	100		
109	40.0	21.5	32.3#
65	125.7	38.3	57.5#





#29

2,4-Dichlorophenol

Concen: 2.210 ng

RT: 10.493 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP012719.D

Acq: 23 Nov 2022 20:06

Instrument :

BNA_P

ClientSampleId :

MH-14

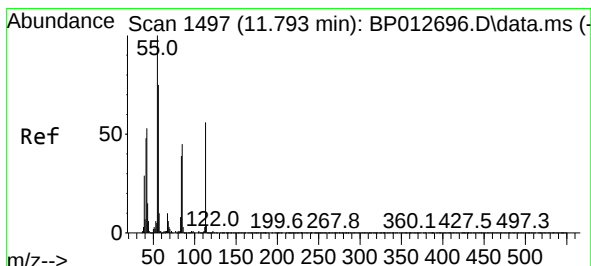
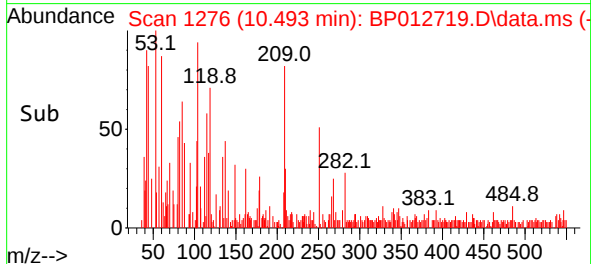
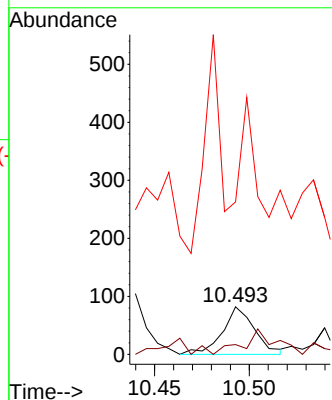
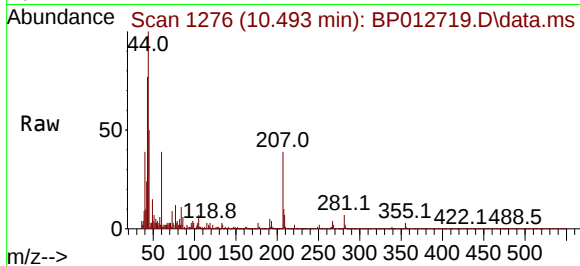
Tgt Ion:162 Resp: 97

Ion Ratio Lower Upper

162 100

164 20.7 44.9 84.9#

98 320.7 12.5 52.5#



#35

Caprolactam

Concen: 2.786 ng

RT: 11.787 min Scan# 1496

Delta R.T. -0.006 min

Lab File: BP012719.D

Acq: 23 Nov 2022 20:06

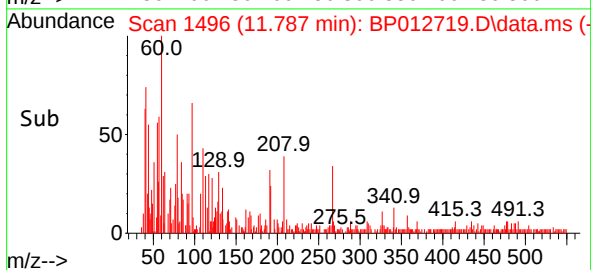
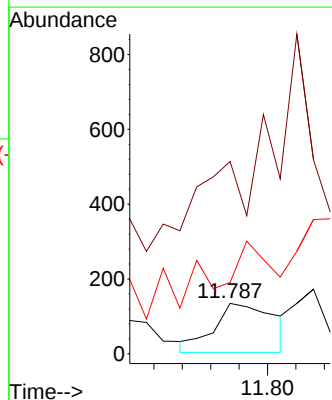
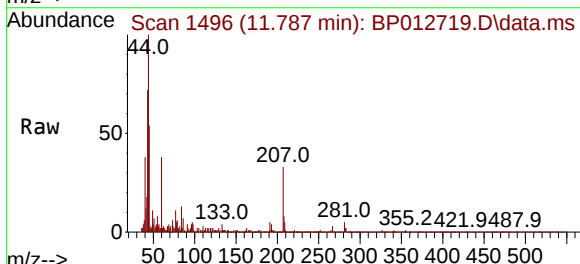
Tgt Ion:113 Resp: 192

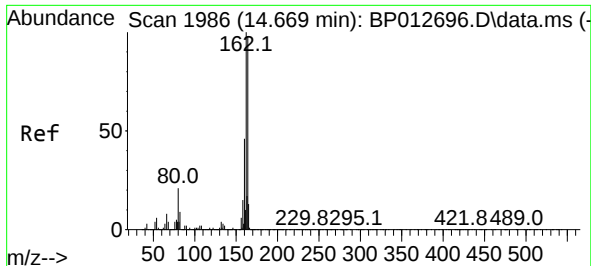
Ion Ratio Lower Upper

113 100

55 380.7 158.0 198.0#

56 141.5 114.1 154.1

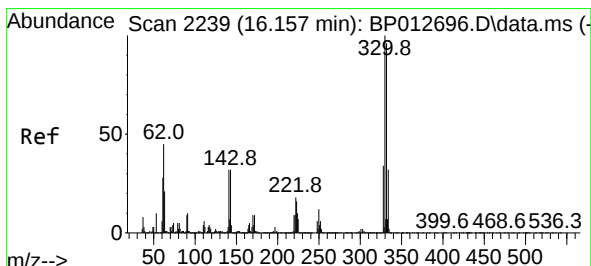
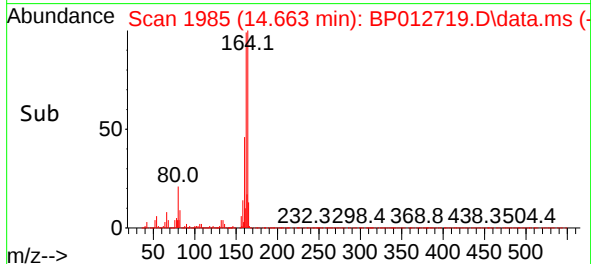
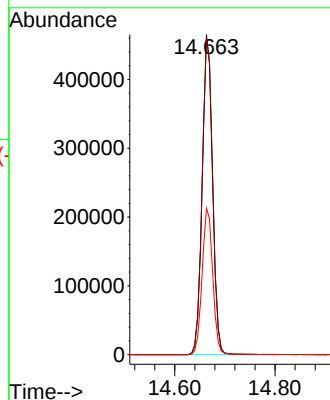
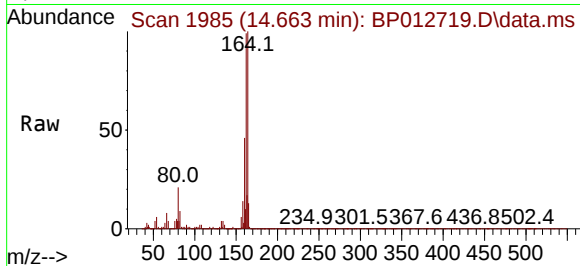




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

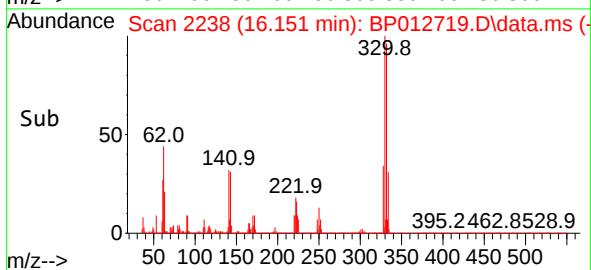
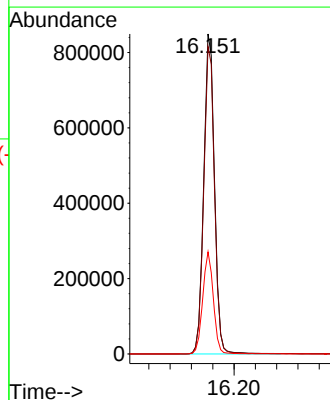
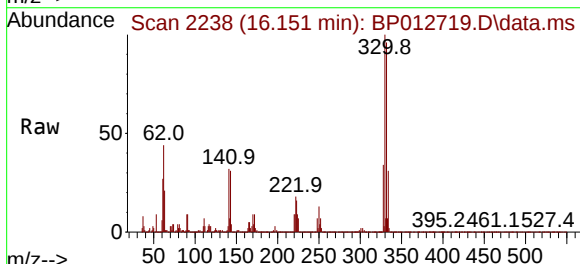
Instrument :
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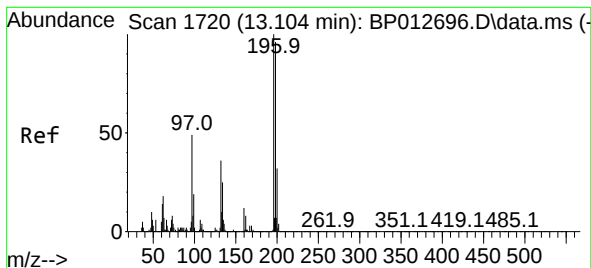
Tgt Ion:164 Resp: 664692
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 45.7 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 137.455 ng
RT: 16.151 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion:330 Resp: 1187471
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 31.6 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.185 ng

RT: 13.081 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP012719.D

Acq: 23 Nov 2022 20:06

Instrument :

BNA_P

ClientSampleId :

MH-14

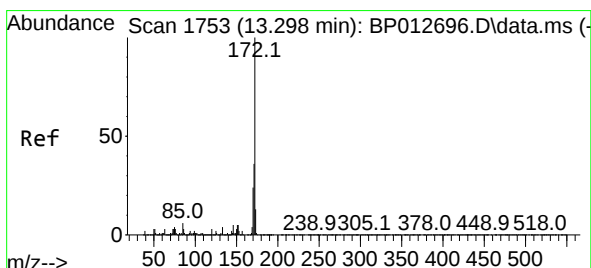
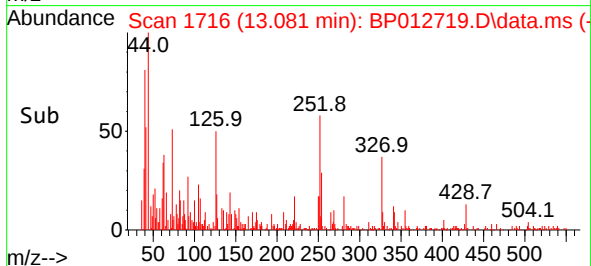
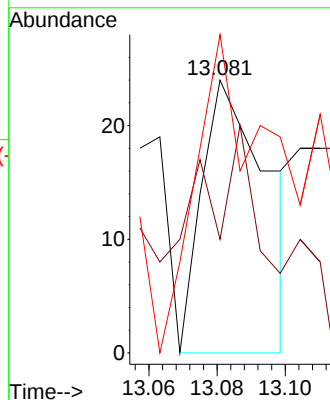
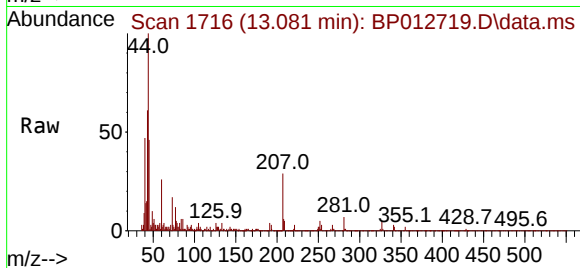
Tgt Ion:196 Resp: 32

Ion Ratio Lower Upper

196 100

198 27.8 76.6 115.0#

200 77.8 25.2 37.8#



#45

2-Fluorobiphenyl

Concen: 100.665 ng

RT: 13.293 min Scan# 1752

Delta R.T. -0.005 min

Lab File: BP012719.D

Acq: 23 Nov 2022 20:06

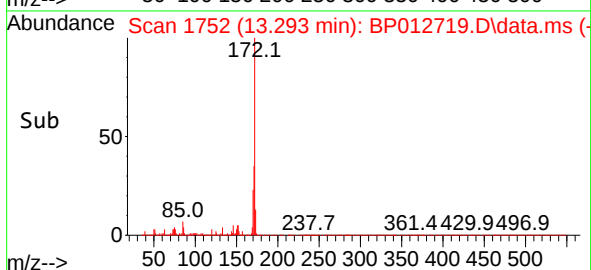
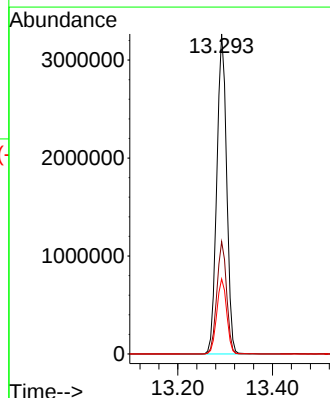
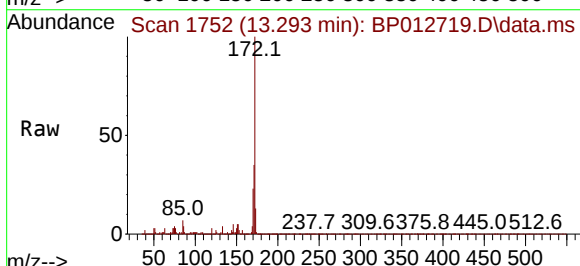
Tgt Ion:172 Resp: 4696628

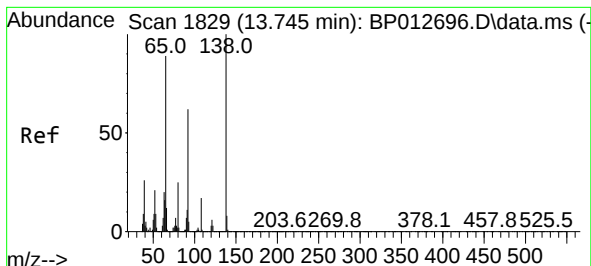
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 19.1 28.7





#48

2-Nitroaniline

Concen: 4.820 ng

RT: 13.740 min Scan# 1829

Delta R.T. -0.005 min

Lab File: BP012719.D

Acq: 23 Nov 2022 20:06

Instrument :

BNA_P

ClientSampleId :

MH-14

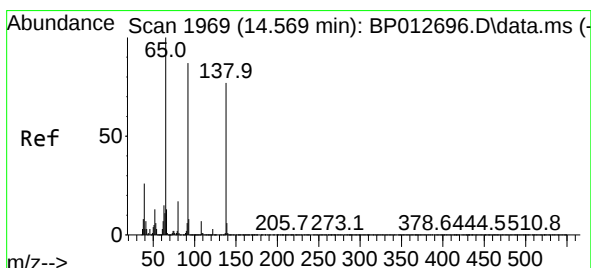
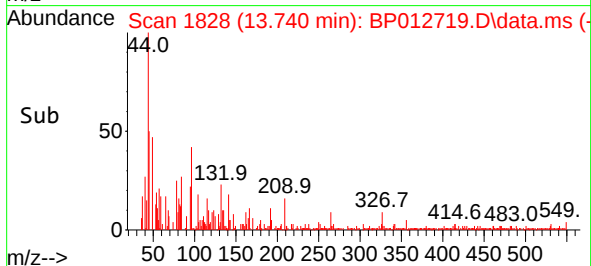
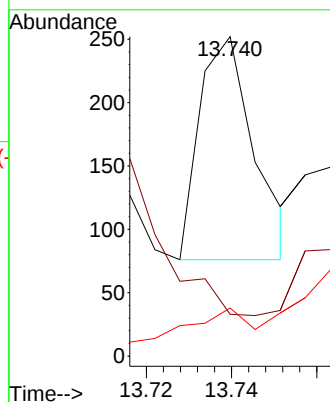
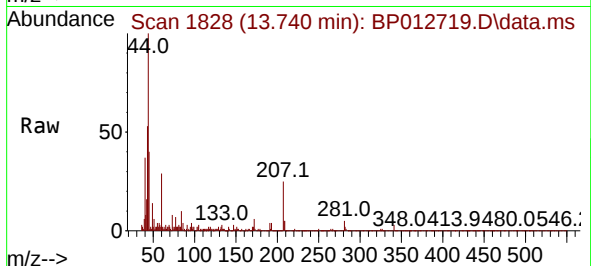
Tgt Ion: 65 Resp: 157

Ion Ratio Lower Upper

65 100

92 13.1 55.4 83.2#

138 15.1 89.5 134.3#



#53

3-Nitroaniline

Concen: 3.678 ng

RT: 14.557 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP012719.D

Acq: 23 Nov 2022 20:06

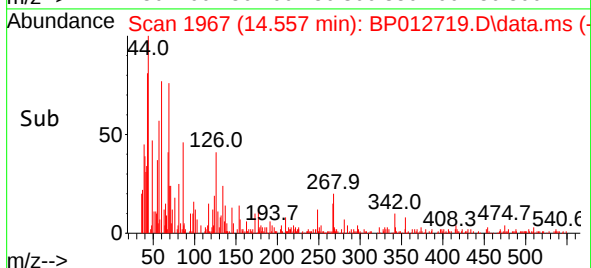
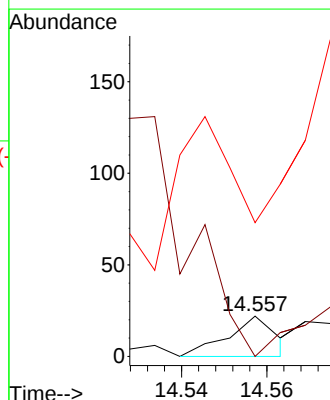
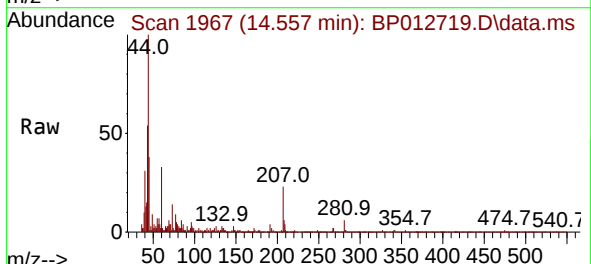
Tgt Ion: 138 Resp: 17

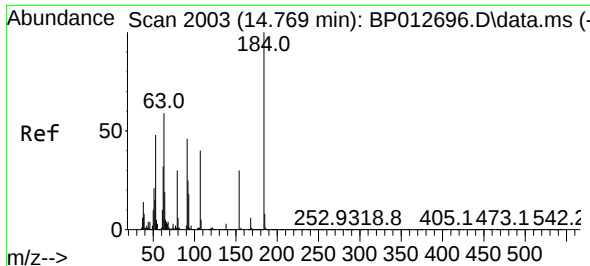
Ion Ratio Lower Upper

138 100

108 0.0 7.4 11.2#

92 331.8 91.3 136.9#

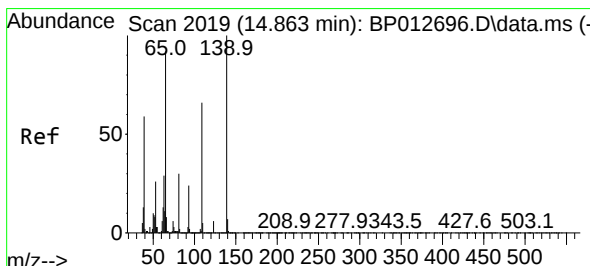
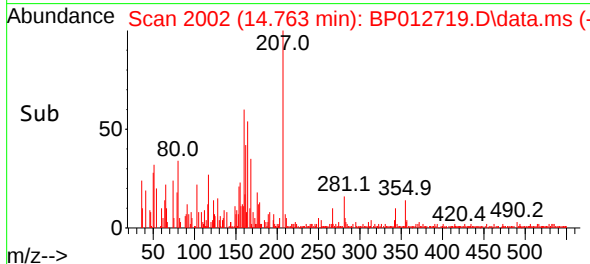
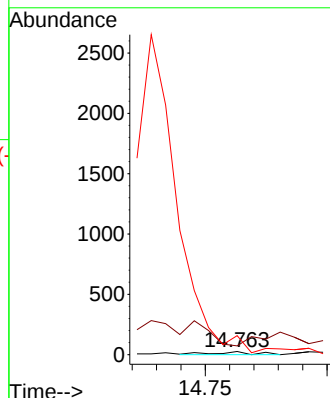
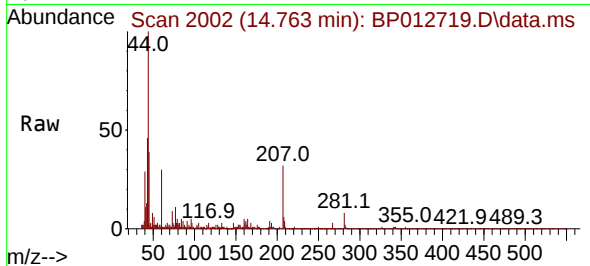




#54
2,4-Dinitrophenol
Concen: 3.029 ng
RT: 14.763 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

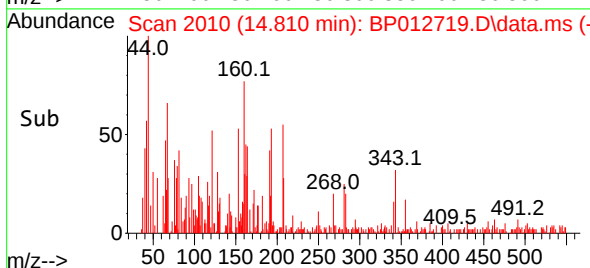
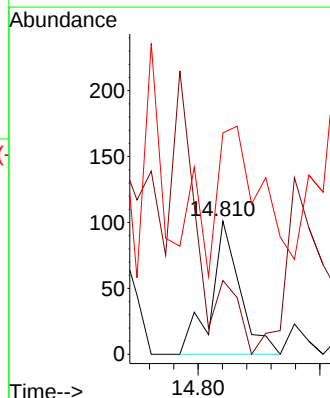
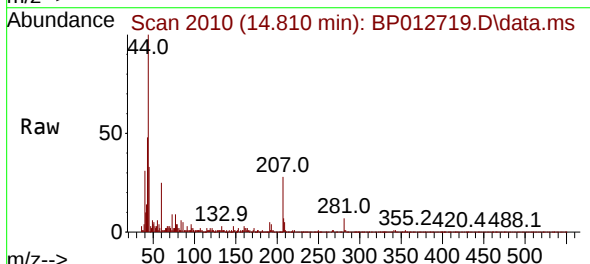
Instrument :
BNA_P
ClientSampleId :
MH-14

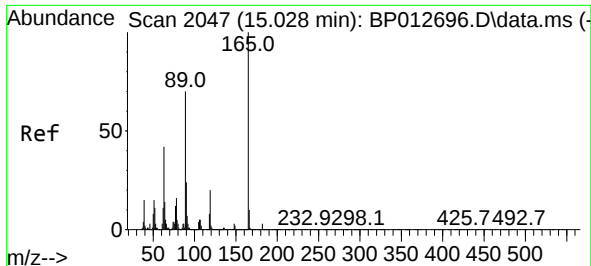
Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 280.8 50.0 75.0#
154 607.7 45.5 68.3#



#56
4-Nitrophenol
Concen: 5.707 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.053 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion:139 Resp: 83
Ion Ratio Lower Upper
139 100
109 55.4 46.1 86.1
65 166.3 72.5 112.5#

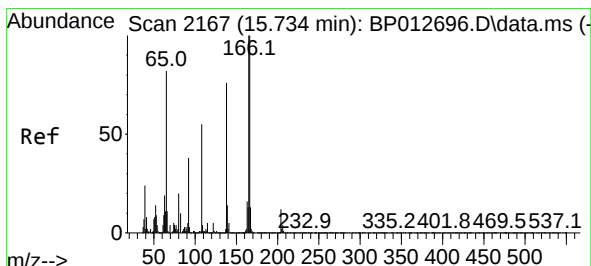
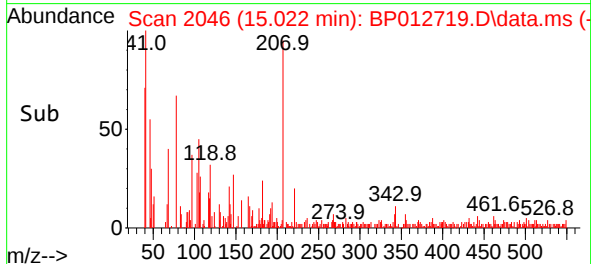
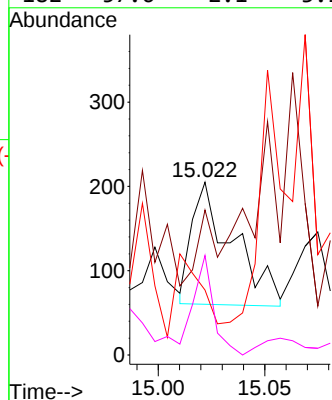
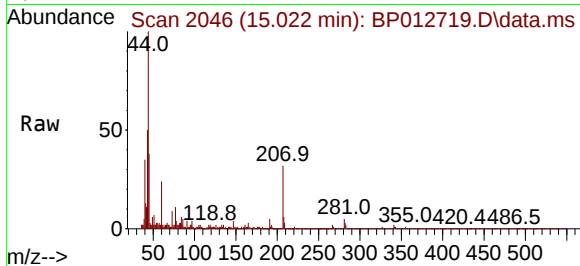




#57
2,4-Dinitrotoluene
Concen: 3.565 ng
RT: 15.022 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

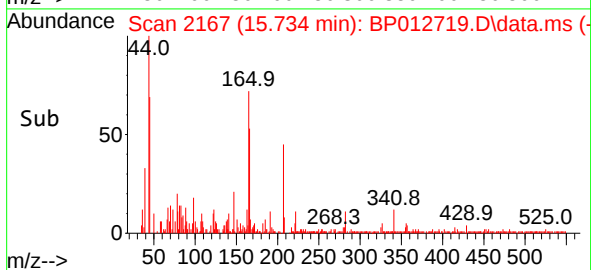
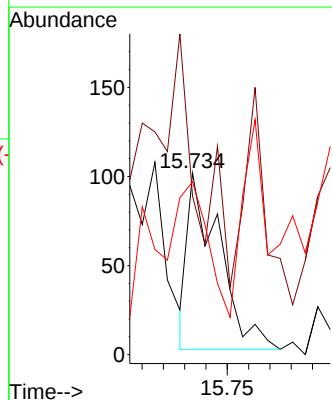
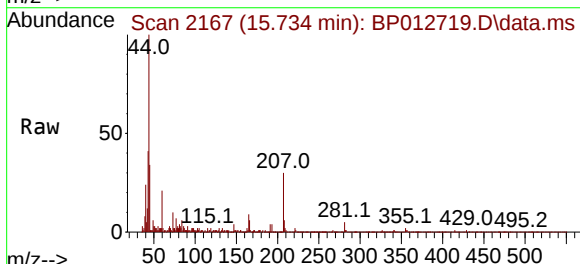
Instrument :
BNA_P
ClientSampleId :
MH-14

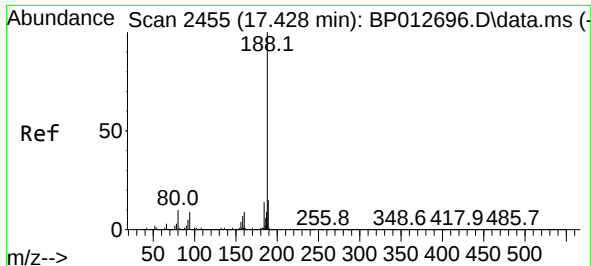
Tgt Ion:165 Resp: 195
Ion Ratio Lower Upper
165 100
63 83.9 33.7 50.5#
89 37.6 56.3 84.5#
182 57.6 2.1 3.1#



#62
4-Nitroaniline
Concen: 4.615 ng
RT: 15.734 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion:138 Resp: 103
Ion Ratio Lower Upper
138 100
92 87.3 29.6 69.6#
108 95.1 51.4 91.4#

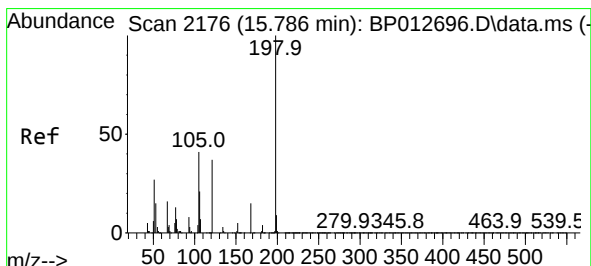
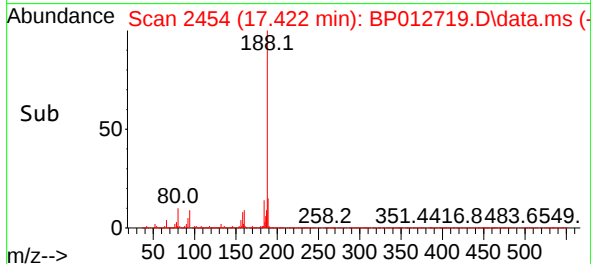
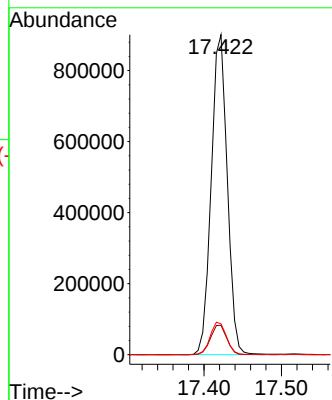
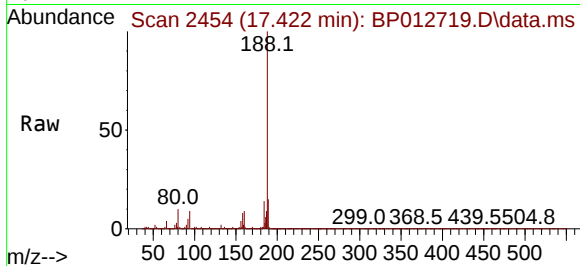




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

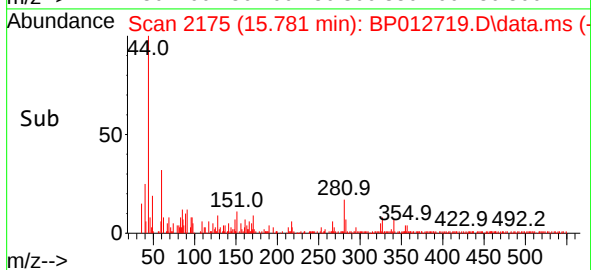
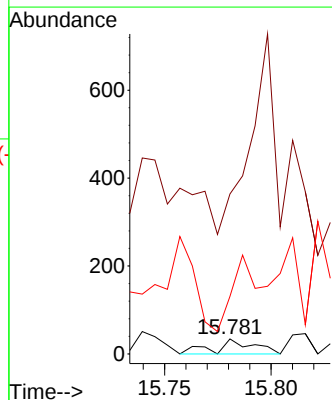
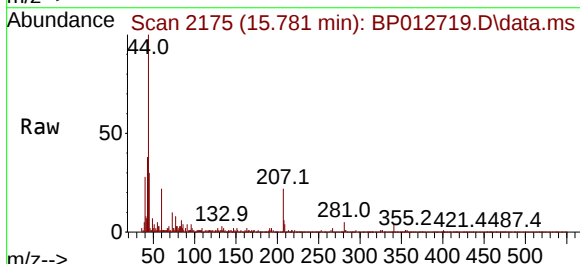
Instrument :
BNA_P
ClientSampleId :
MH-14

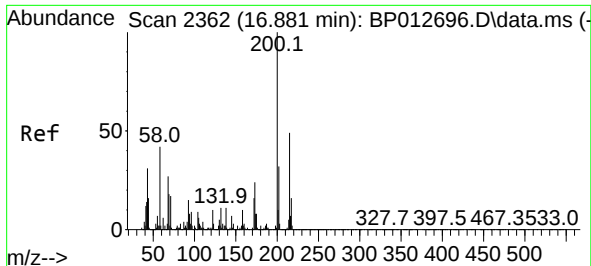
Tgt Ion:188 Resp: 1295059
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.7 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 3.691 ng
RT: 15.781 min Scan# 2175
Delta R.T. -0.005 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion:198 Resp: 43
Ion Ratio Lower Upper
198 100
51 1070.6 25.7 65.7#
105 385.3 22.8 62.8#

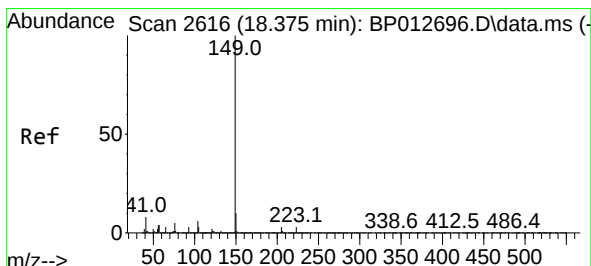
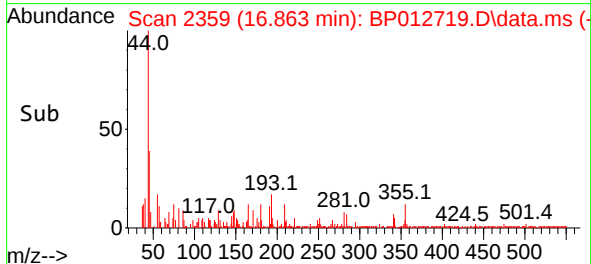
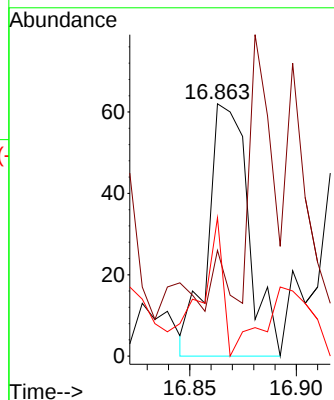
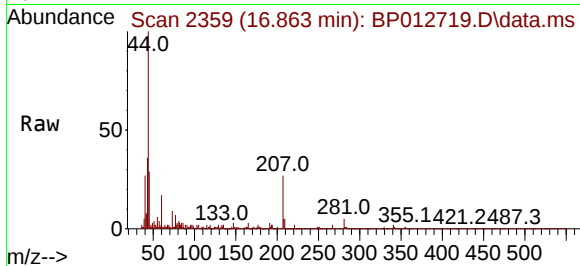




#69
Atrazine
Concen: 4.033 ng
RT: 16.863 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

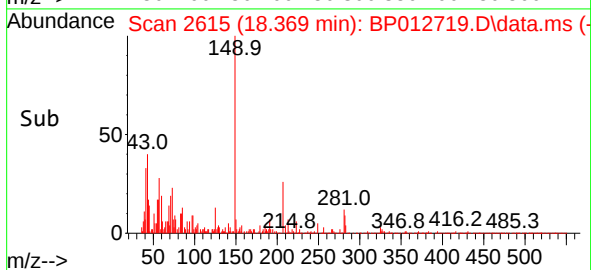
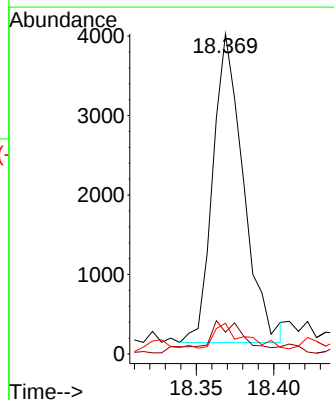
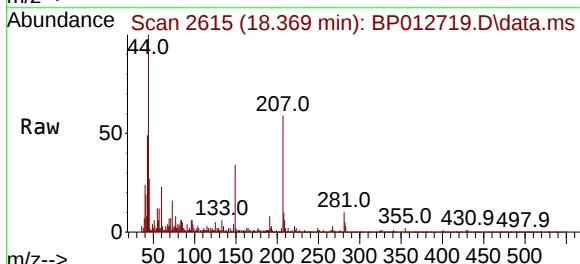
Instrument :
BNA_P
ClientSampleId :
MH-14

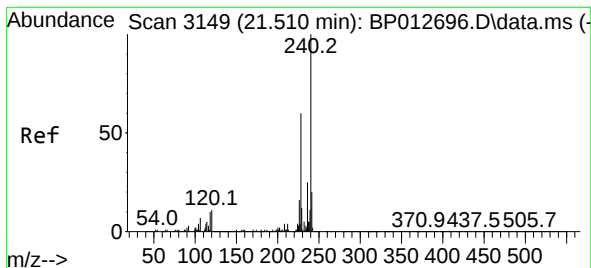
Tgt Ion:	200	Resp:	82
Ion Ratio	Lower	Upper	
200	100		
173	41.9	4.3	44.3
215	54.8	29.5	69.5



#74
Di-n-butylphthalate
Concen: 5.771 ng
RT: 18.369 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion:	149	Resp:	5311
Ion Ratio	Lower	Upper	
149	100		
150	6.8	7.7	11.5#
104	9.6	4.6	6.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BP012719.D

Acq: 23 Nov 2022 20:06

Instrument :

BNA_P

ClientSampleId :

MH-14

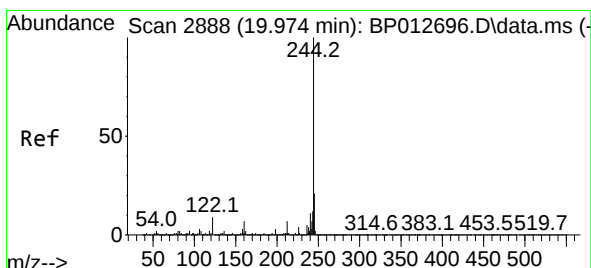
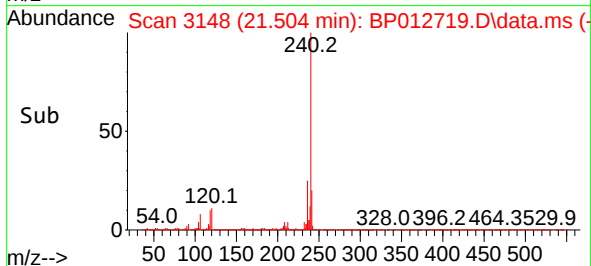
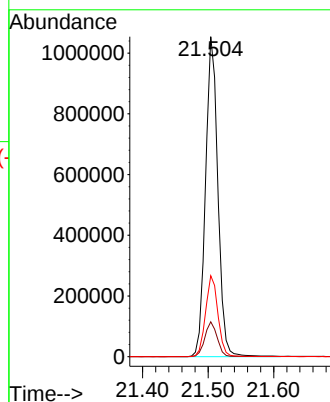
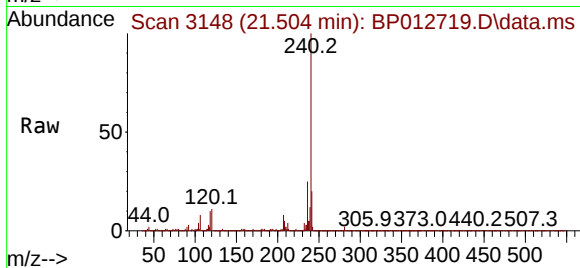
Tgt Ion:240 Resp: 1382127

Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

236 25.3 20.4 30.6



#79

Terphenyl-d14

Concen: 109.293 ng

RT: 19.969 min Scan# 2887

Delta R.T. -0.006 min

Lab File: BP012719.D

Acq: 23 Nov 2022 20:06

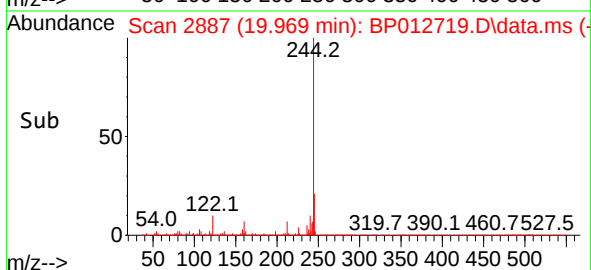
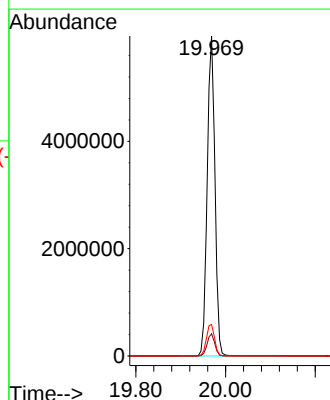
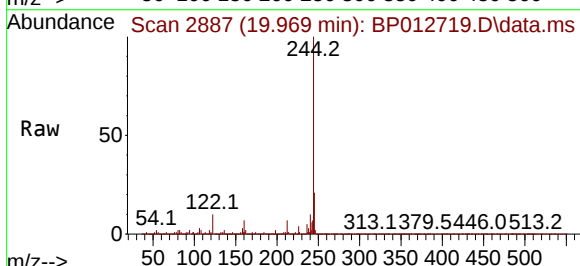
Tgt Ion:244 Resp: 7107328

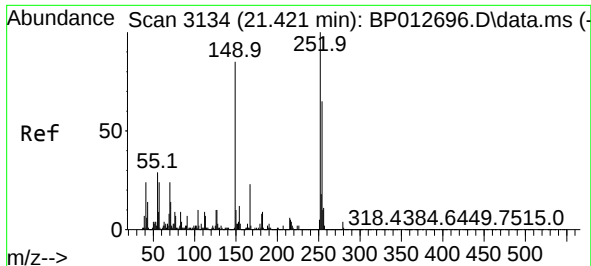
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.9 6.9 10.3

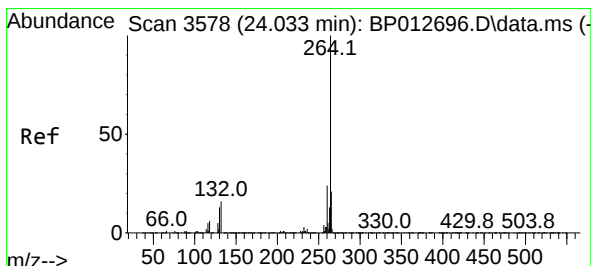
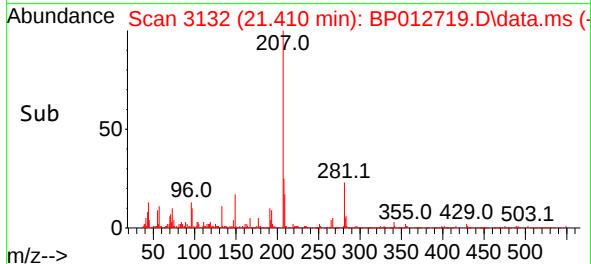
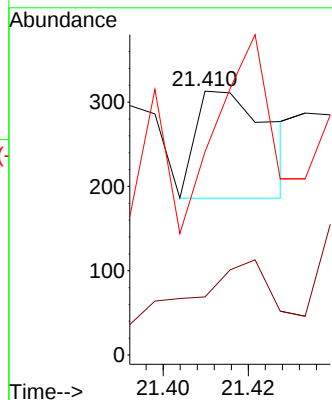
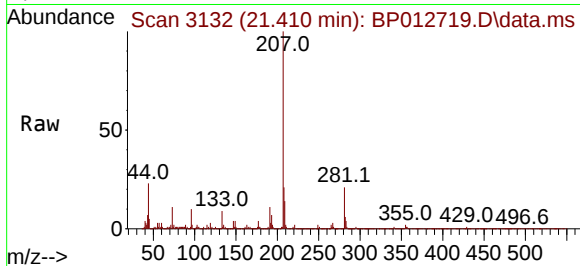




#82
3,3'-Dichlorobenzidine
Concen: 8.622 ng
RT: 21.410 min Scan# 3134
Delta R.T. -0.011 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Instrument :
BNA_P
ClientSampleId :
MH-14

Tgt Ion:252 Resp: 153
Ion Ratio Lower Upper
252 100
254 22.0 51.7 77.5#
126 77.0 7.7 11.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3577
Delta R.T. -0.006 min
Lab File: BP012719.D
Acq: 23 Nov 2022 20:06

Tgt Ion:264 Resp: 1535512
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.7 17.1 25.7

