

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012708.D
 Acq On : 23 Nov 2022 13:49
 Operator : CG/JU
 Sample : N5742-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-42

Quant Time: Nov 24 02:27:25 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)

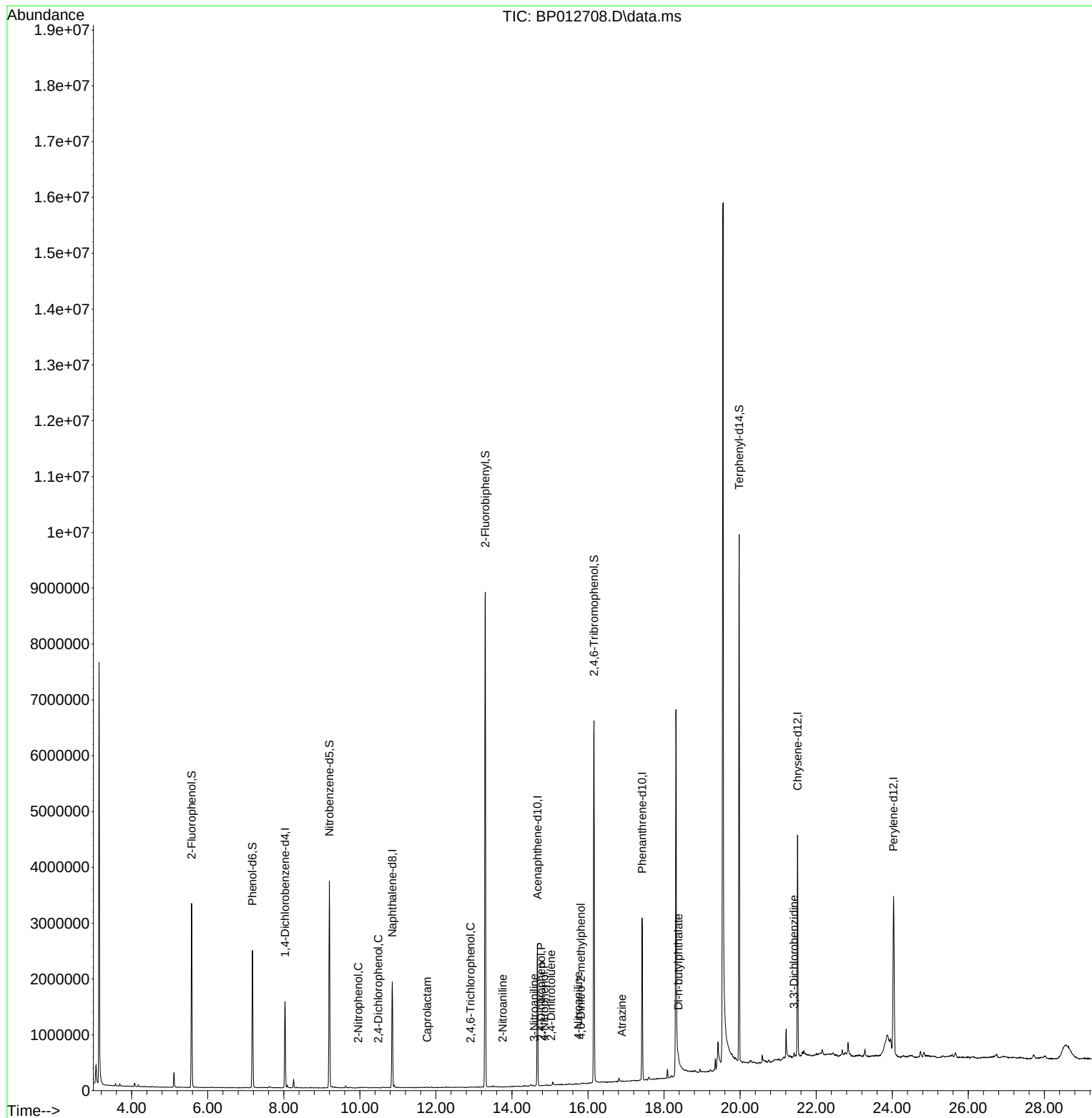
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	432367	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	1603123	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	887870	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1777167	20.000	ng	0.00
76) Chrysene-d12	21.510	240	1922208	20.000	ng	0.00
86) Perylene-d12	24.033	264	2230151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1423341	71.318	ng	0.00
7) Phenol-d6	7.175	99	1416811	49.501	ng	0.00
23) Nitrobenzene-d5	9.199	82	2003260	69.691	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1294173	114.507	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	4789438	76.850	ng	0.00
79) Terphenyl-d14	19.975	244	4490619	49.652	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.169	77	4018	Below Cal	#	32
26) 2-Nitrophenol	9.957	139	351	4.440 ng	#	1
29) 2,4-Dichlorophenol	10.487	162	78	2.208 ng	#	1
32) Benzoic acid	10.175	122	97	Below Cal	#	24
35) Caprolactam	11.769	113	698	2.868 ng	#	1
43) 2,4,6-Trichlorophenol	12.910	196	44	4.185 ng	#	84
48) 2-Nitroaniline	13.757	65	239	4.822 ng	#	46
53) 3-Nitroaniline	14.587	138	357	3.697 ng	#	74
54) 2,4-Dinitrophenol	14.763	184	95	3.043 ng	#	1
56) 4-Nitrophenol	14.845	139	576	5.739 ng	#	1
57) 2,4-Dinitrotoluene	15.028	165	257	3.565 ng	#	55
62) 4-Nitroaniline	15.745	138	615	4.643 ng	#	88
65) 4,6-Dinitro-2-methylph...	15.810	198	221	3.718 ng	#	1
69) Atrazine	16.892	200	179	4.037 ng	#	1
74) Di-n-butylphthalate	18.375	149	47982	6.159 ng	#	96
80) Butylbenzylphthalate	20.651	149	1149	Below Cal	#	1
82) 3,3'-Dichlorobenzidine	21.416	252	762	8.636 ng	#	43
84) Bis(2-ethylhexyl)phtha...	21.422	149	29855	Below Cal	#	95
85) Di-n-octyl phthalate	22.380	149	2757	Below Cal	#	63

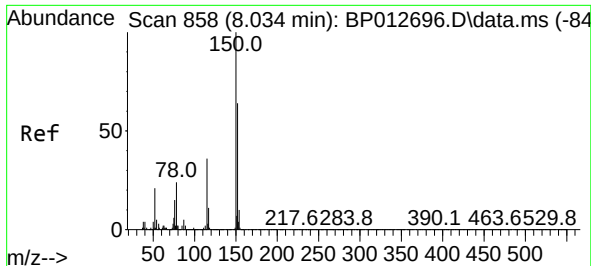
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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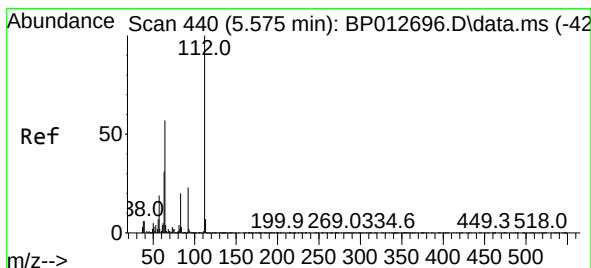
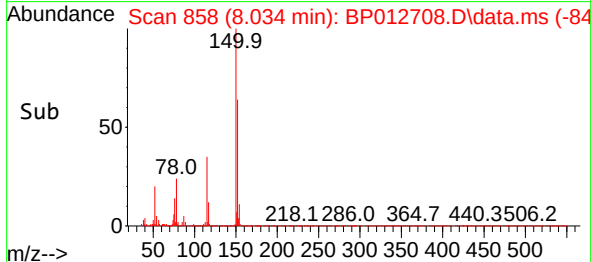
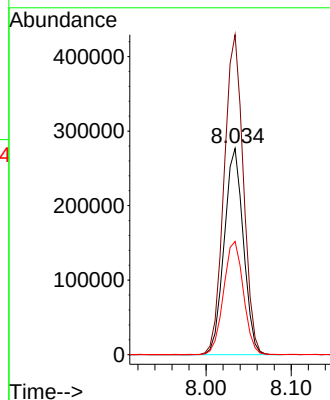
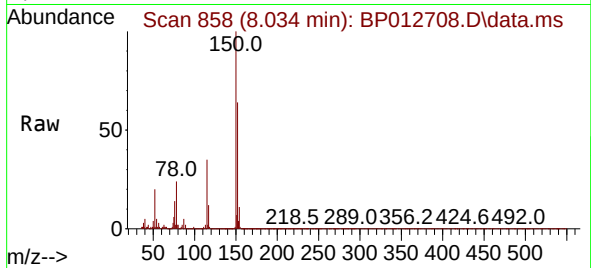




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 858
Delta R.T. 0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

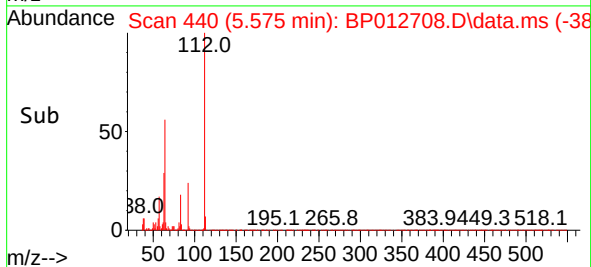
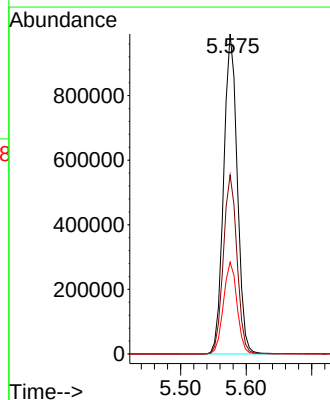
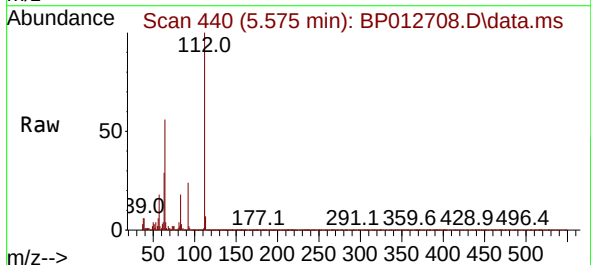
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BNA_P
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MW-42

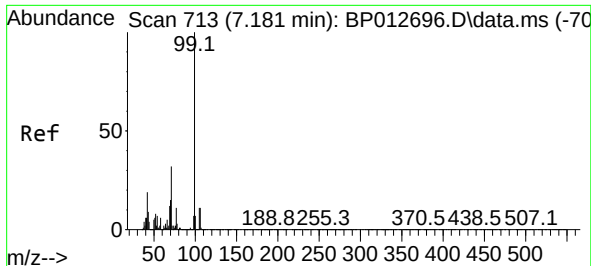
Tgt Ion:152 Resp: 432367
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 54.9 44.9 67.3



#5
2-Fluorophenol
Concen: 71.318 ng
RT: 5.575 min Scan# 440
Delta R.T. 0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:112 Resp: 1423341
Ion Ratio Lower Upper
112 100
64 56.0 45.4 68.0
63 28.7 24.6 37.0

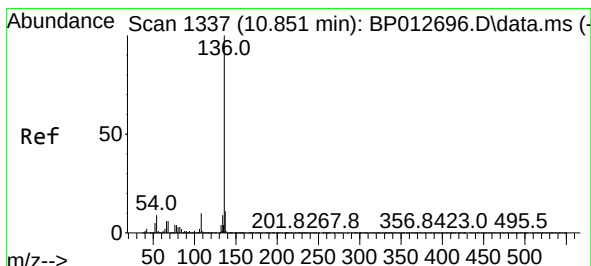
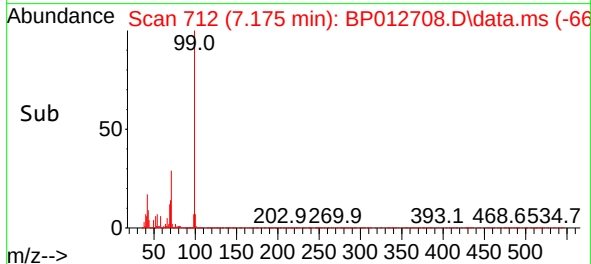
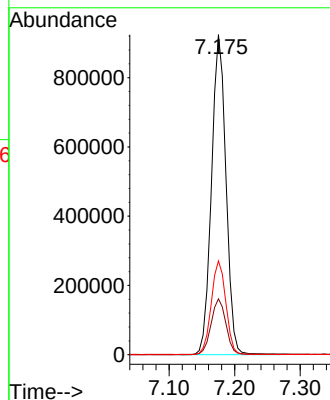
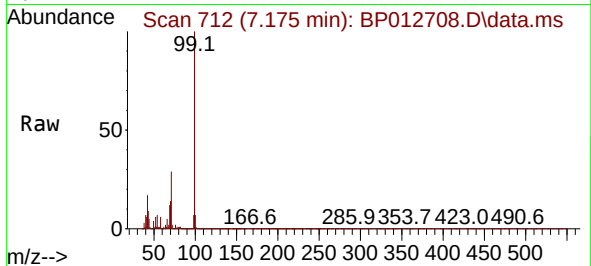




#7
Phenol-d6
Concen: 49.501 ng
RT: 7.175 min Scan# 713
Delta R.T. -0.006 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

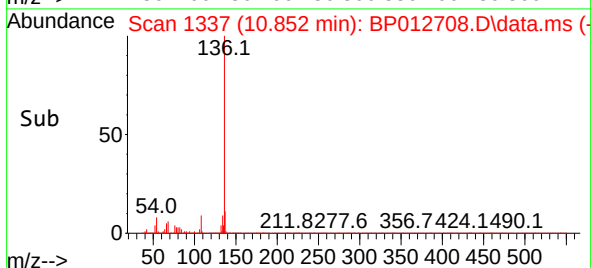
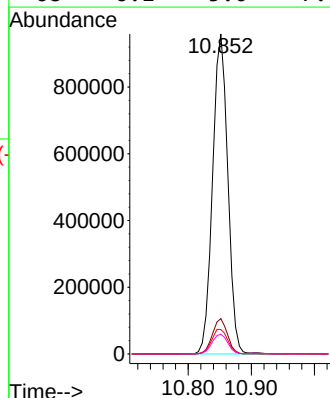
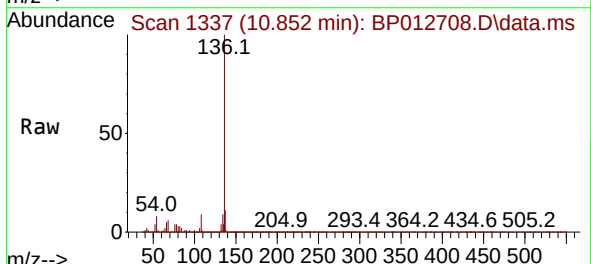
Instrument :
BNA_P
ClientSampleId :
MW-42

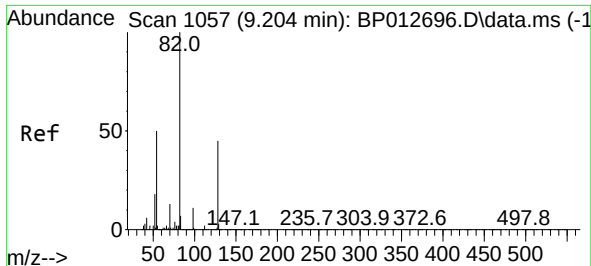
Tgt Ion: 99 Resp: 1416811
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 29.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:136 Resp: 1603123
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.7 6.9 10.3
68 6.1 5.0 7.6

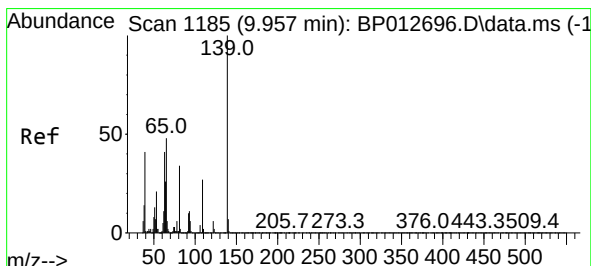
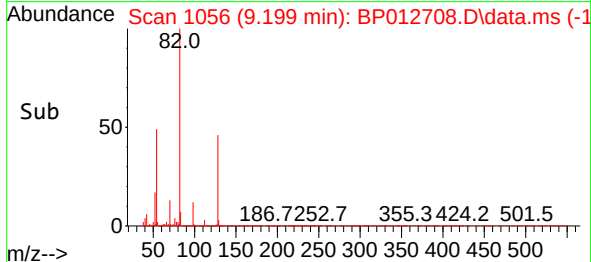
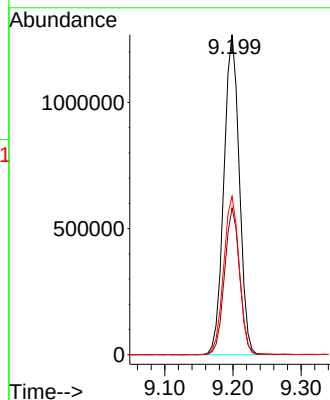
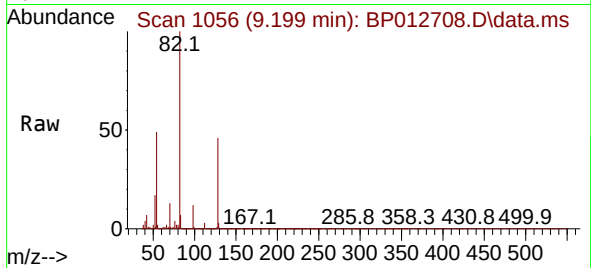




#23
Nitrobenzene-d5
Concen: 69.691 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

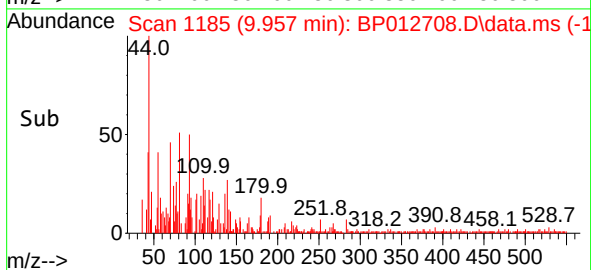
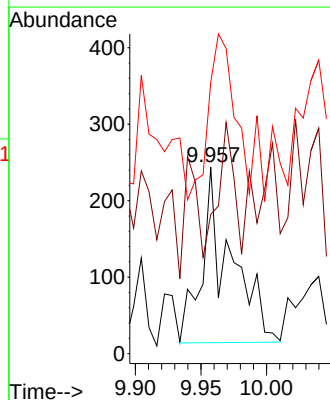
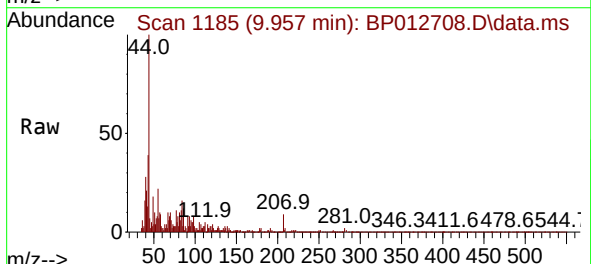
Instrument :
BNA_P
ClientSampleId :
MW-42

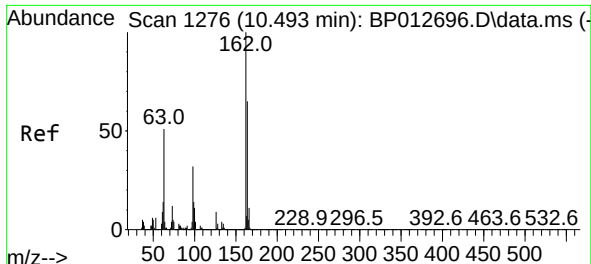
Tgt Ion: 82 Resp: 2003260
Ion Ratio Lower Upper
82 100
128 45.9 35.6 53.4
54 49.5 40.3 60.5



#26
2-Nitrophenol
Concen: 4.440 ng
RT: 9.957 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:139 Resp: 351
Ion Ratio Lower Upper
139 100
109 74.6 21.5 32.3#
65 145.5 38.3 57.5#





#29

2,4-Dichlorophenol

Concen: 2.208 ng

RT: 10.487 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP012708.D

Acq: 23 Nov 2022 13:49

Instrument :

BNA_P

ClientSampleId :

MW-42

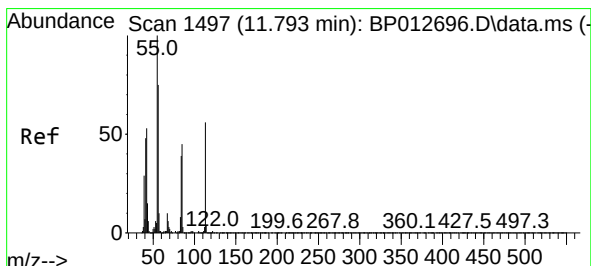
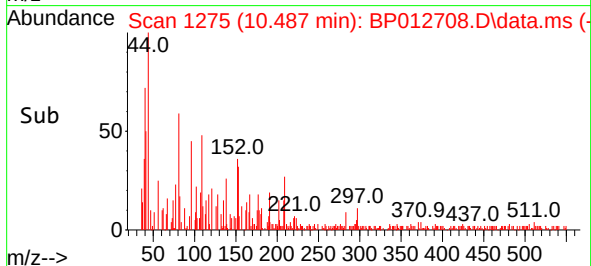
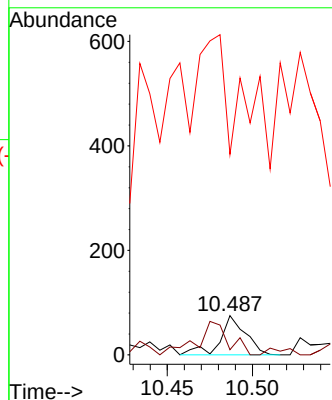
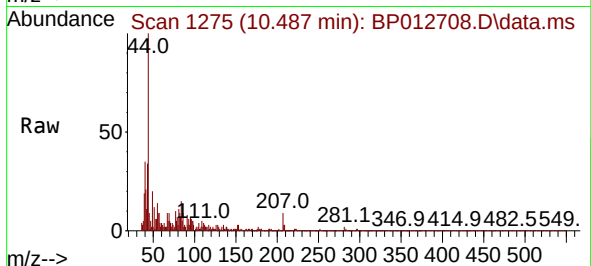
Tgt Ion:162 Resp: 78

Ion Ratio Lower Upper

162 100

164 13.3 44.9 84.9#

98 512.0 12.5 52.5#



#35

Caprolactam

Concen: 2.868 ng

RT: 11.769 min Scan# 1493

Delta R.T. -0.024 min

Lab File: BP012708.D

Acq: 23 Nov 2022 13:49

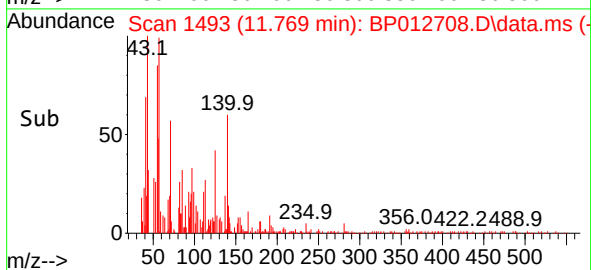
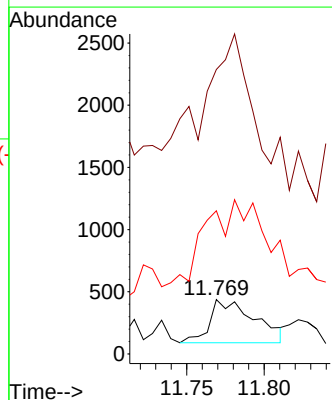
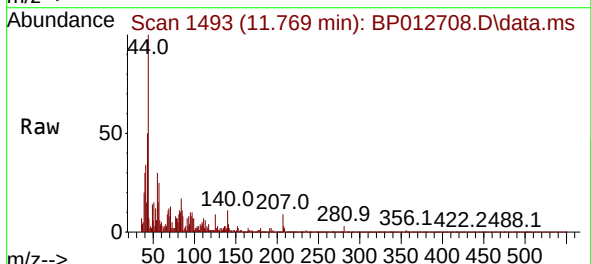
Tgt Ion:113 Resp: 698

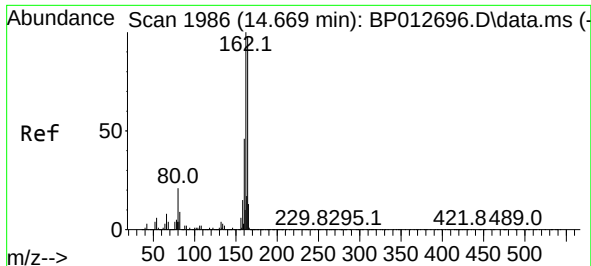
Ion Ratio Lower Upper

113 100

55 522.1 158.0 198.0#

56 263.0 114.1 154.1#

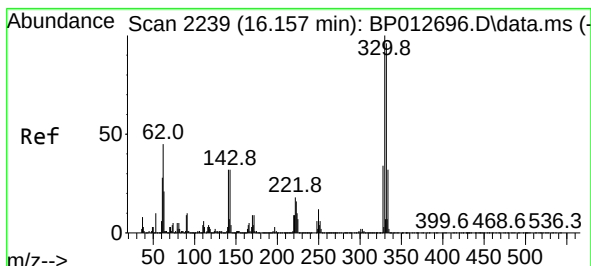
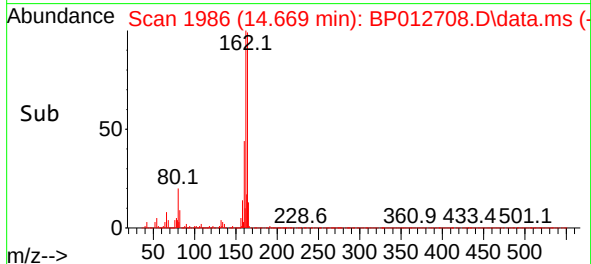
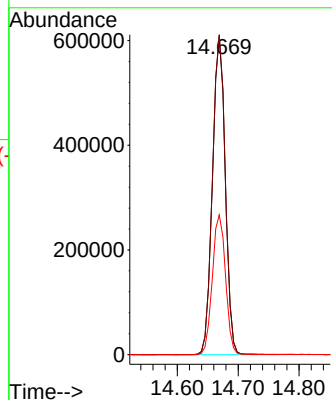
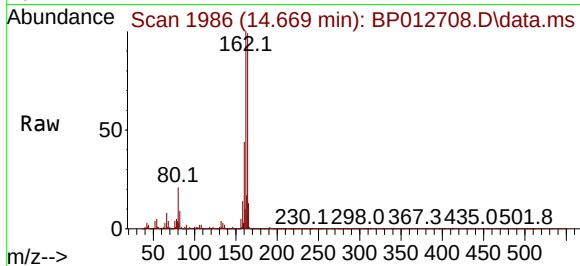




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

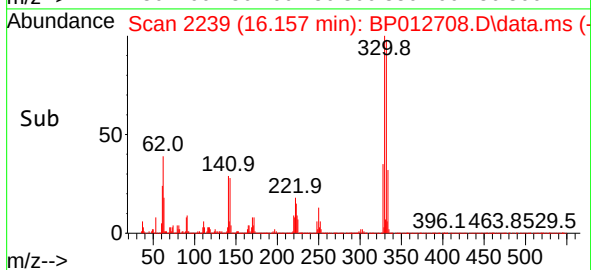
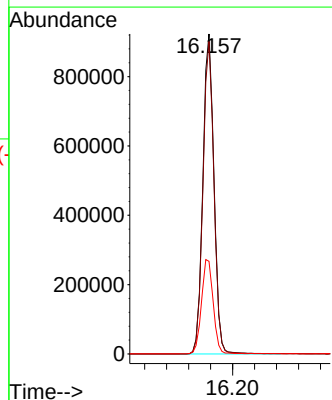
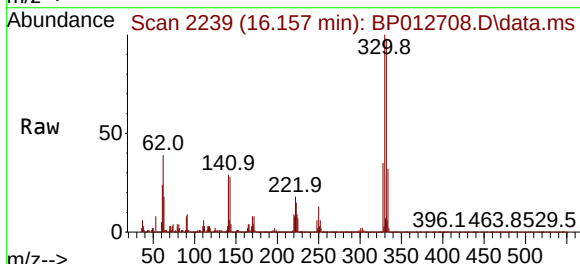
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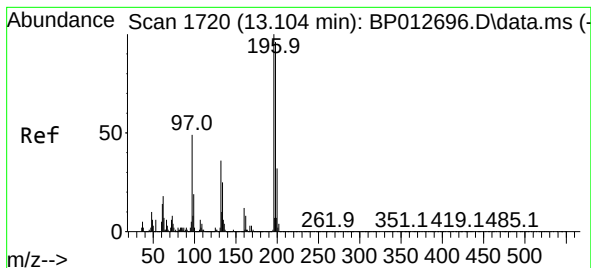
Tgt Ion:164 Resp: 887870
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 43.9 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 114.507 ng
RT: 16.157 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:330 Resp: 1294173
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 31.1 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.185 ng

RT: 12.910 min Scan# 1

Delta R.T. -0.194 min

Lab File: BP012708.D

Acq: 23 Nov 2022 13:49

Instrument :

BNA_P

ClientSampleId :

MW-42

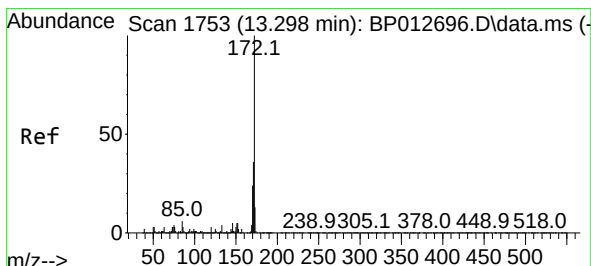
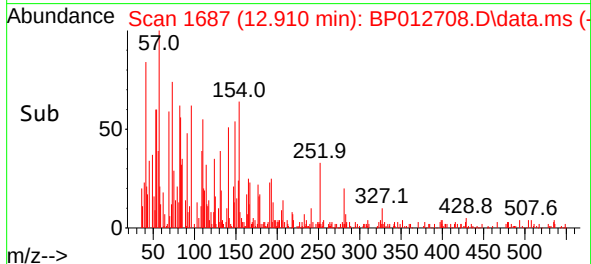
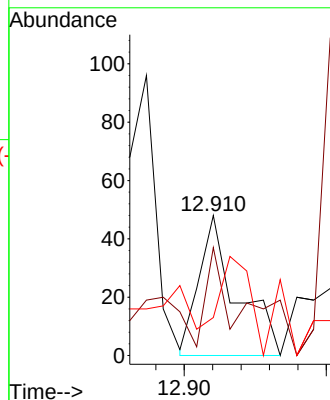
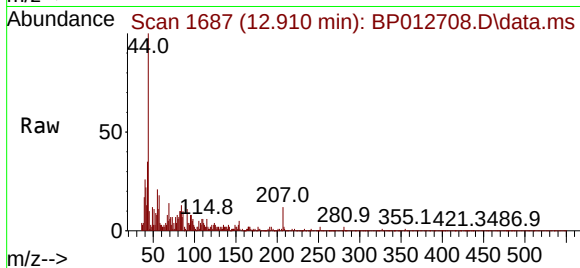
Tgt Ion:196 Resp: 44

Ion Ratio Lower Upper

196 100

198 77.1 76.6 115.0

200 27.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 76.850 ng

RT: 13.298 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BP012708.D

Acq: 23 Nov 2022 13:49

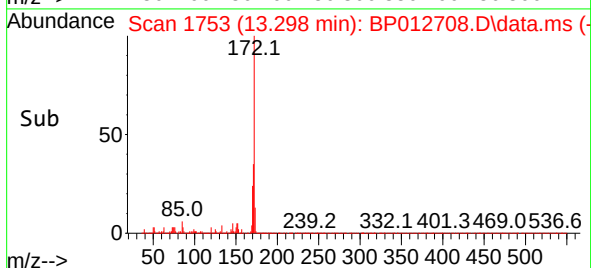
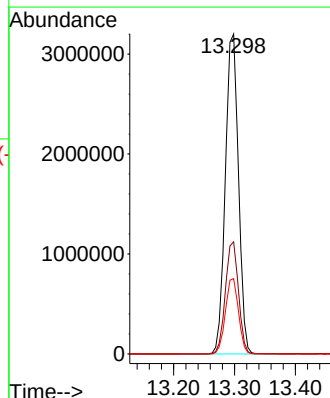
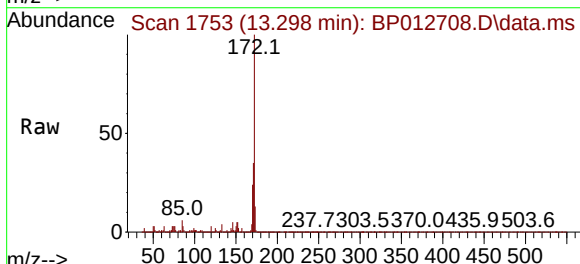
Tgt Ion:172 Resp: 4789438

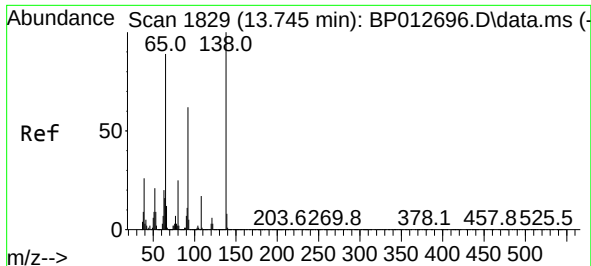
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 19.1 28.7

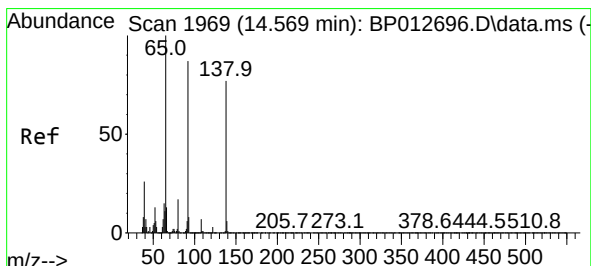
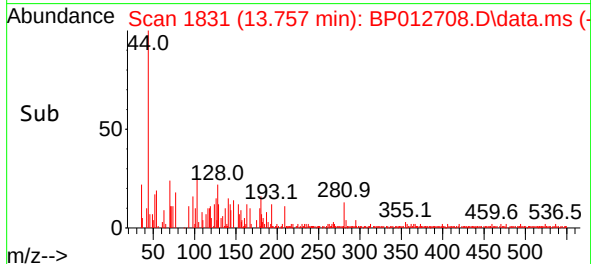
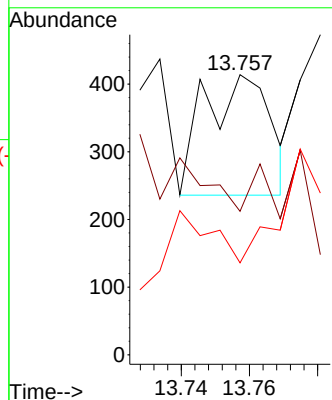
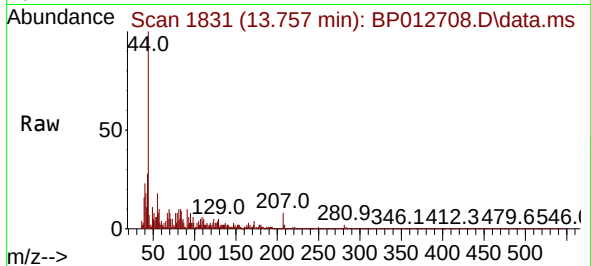




#48
2-Nitroaniline
Concen: 4.822 ng
RT: 13.757 min Scan# 1831
Delta R.T. 0.012 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

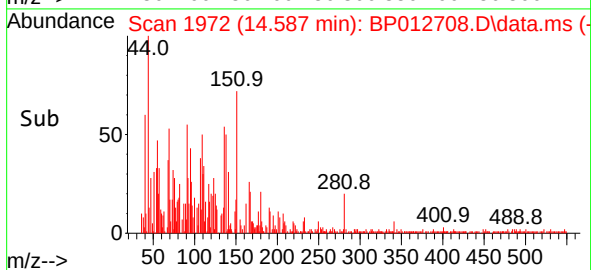
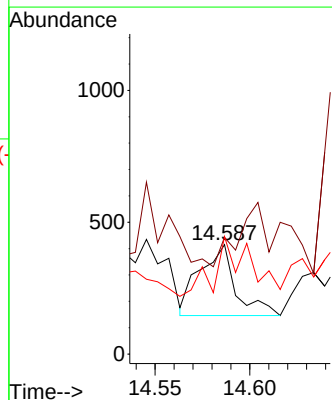
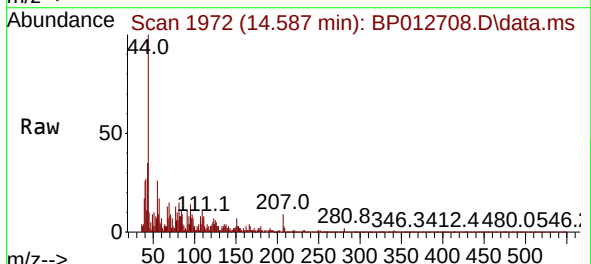
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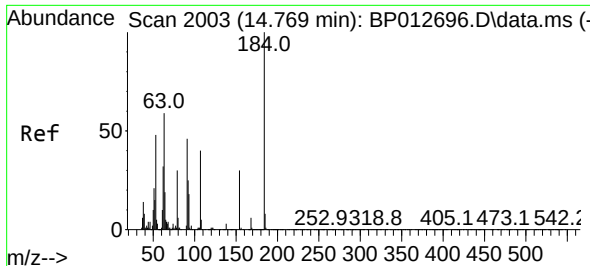
Tgt Ion: 65 Resp: 239
Ion Ratio Lower Upper
65 100
92 51.2 55.4 83.2#
138 32.9 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.697 ng
RT: 14.587 min Scan# 1972
Delta R.T. 0.018 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion: 138 Resp: 357
Ion Ratio Lower Upper
138 100
108 106.7 7.4 11.2#
92 107.5 91.3 136.9

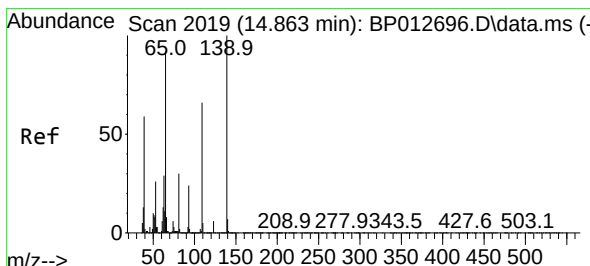
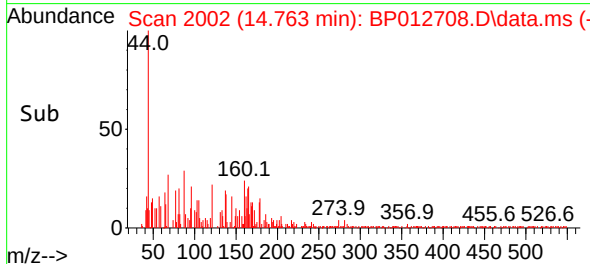
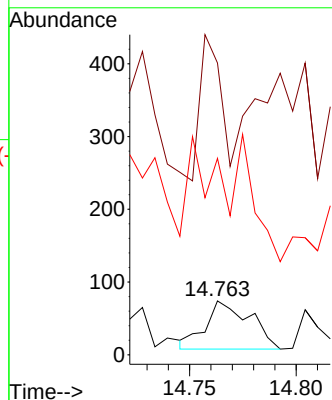
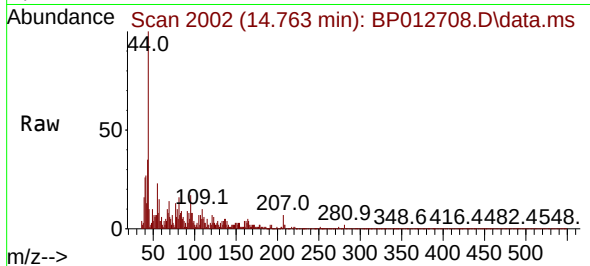




#54
2,4-Dinitrophenol
Concen: 3.043 ng
RT: 14.763 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

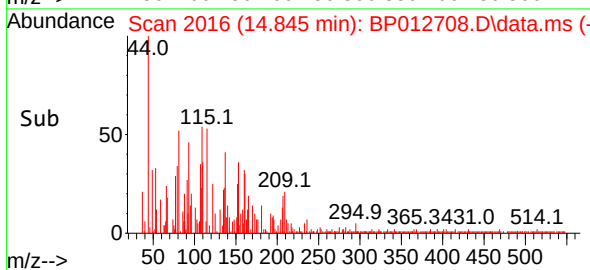
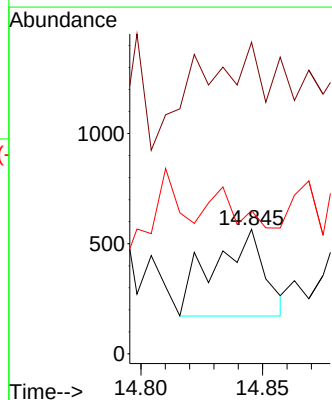
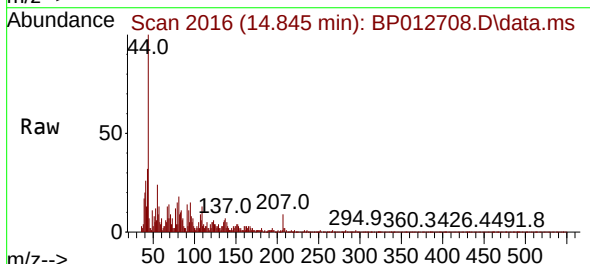
Instrument :
BNA_P
ClientSampleId :
MW-42

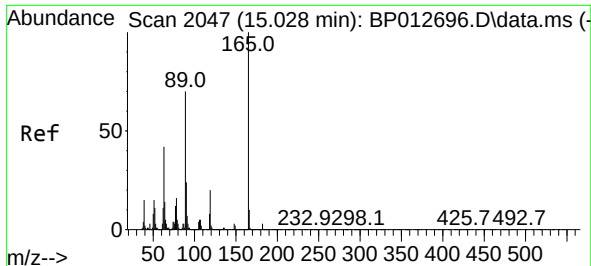
Tgt Ion:184 Resp: 95
Ion Ratio Lower Upper
184 100
63 541.9 50.0 75.0#
154 364.9 45.5 68.3#



#56
4-Nitrophenol
Concen: 5.739 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:139 Resp: 576
Ion Ratio Lower Upper
139 100
109 250.3 46.1 86.1#
65 115.0 72.5 112.5#

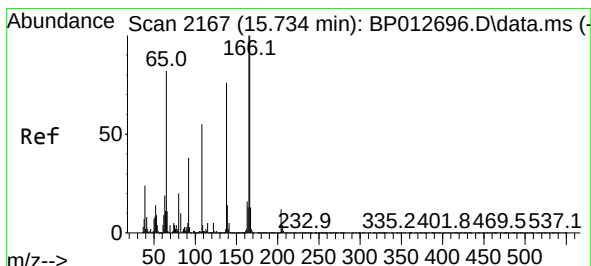
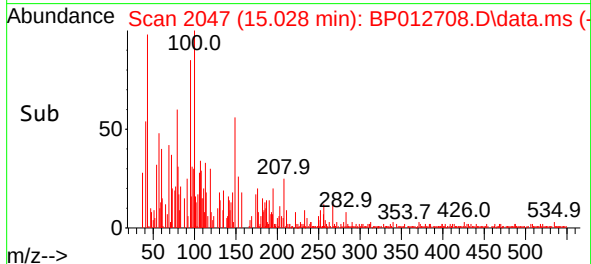
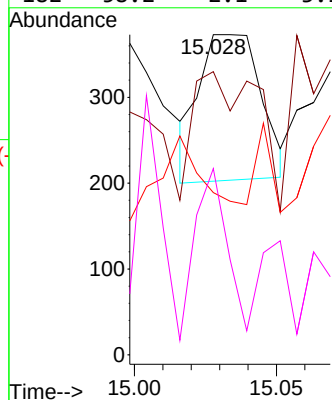
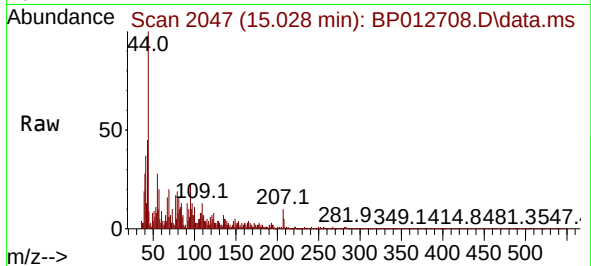




#57
2,4-Dinitrotoluene
Concen: 3.565 ng
RT: 15.028 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

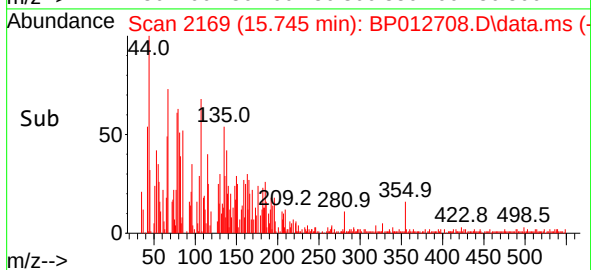
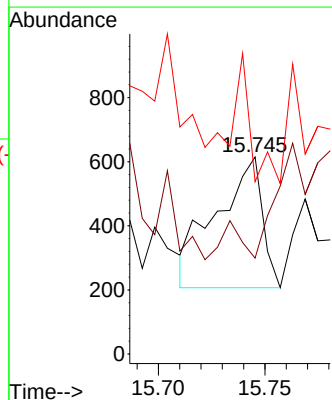
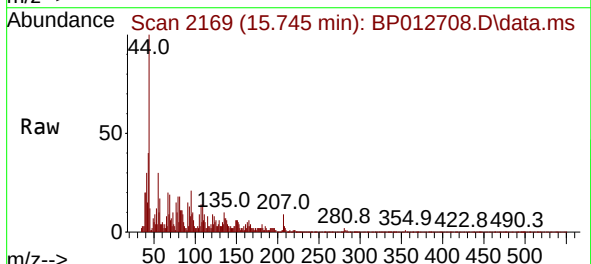
Instrument :
BNA_P
ClientSampleId :
MW-42

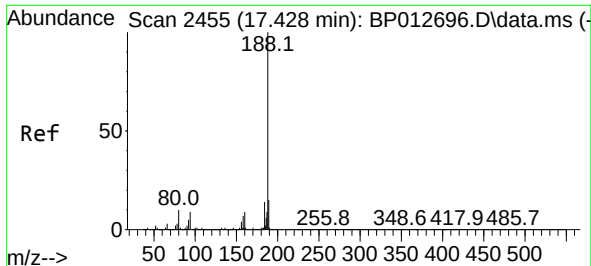
Tgt Ion:165 Resp: 257
Ion Ratio Lower Upper
165 100
63 88.5 33.7 50.5#
89 50.7 56.3 84.5#
182 58.2 2.1 3.1#



#62
4-Nitroaniline
Concen: 4.643 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.011 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:138 Resp: 615
Ion Ratio Lower Upper
138 100
92 48.6 29.6 69.6
108 87.5 51.4 91.4

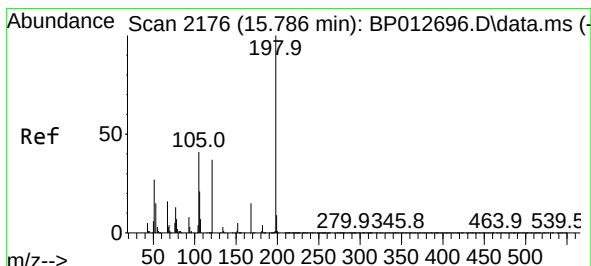
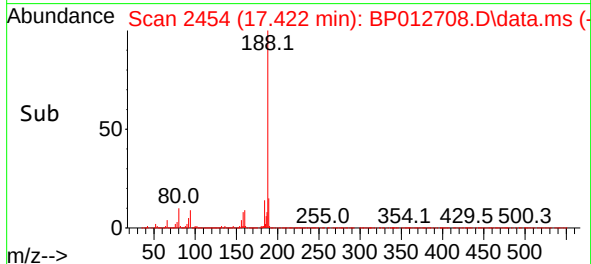
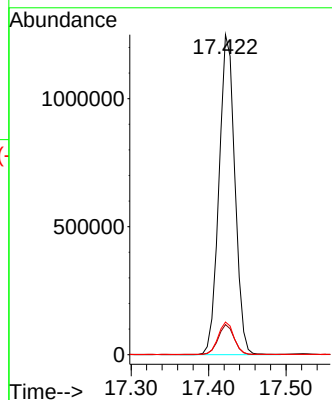
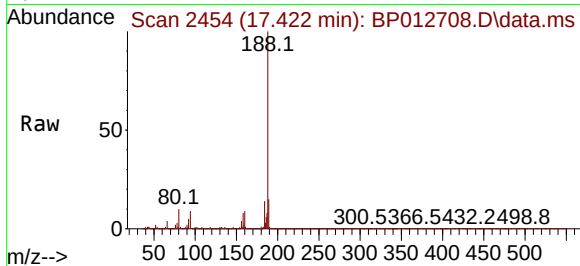




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

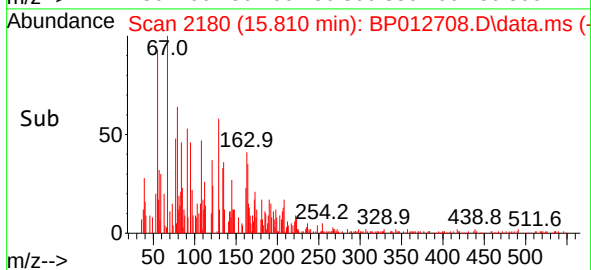
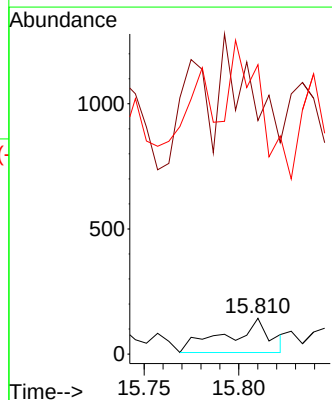
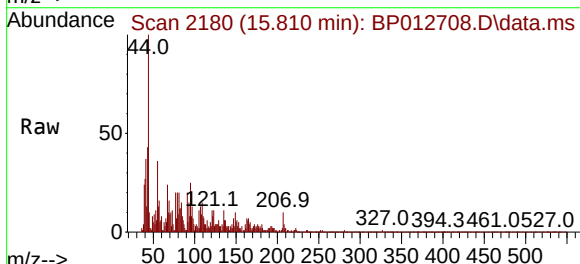
Instrument :
BNA_P
ClientSampleId :
MW-42

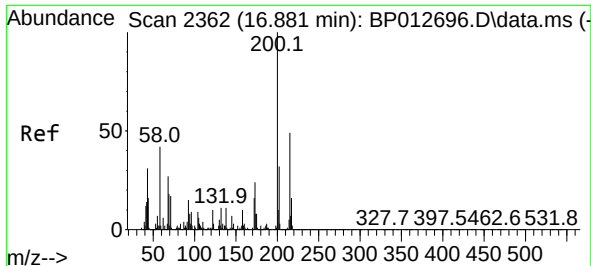
Tgt Ion:188 Resp: 1777167
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.2 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 3.718 ng
RT: 15.810 min Scan# 2180
Delta R.T. 0.024 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:198 Resp: 221
Ion Ratio Lower Upper
198 100
51 652.4 25.7 65.7#
105 808.4 22.8 62.8#

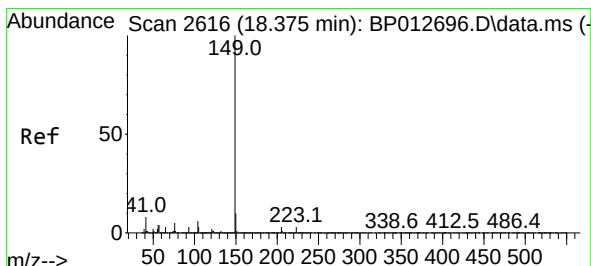
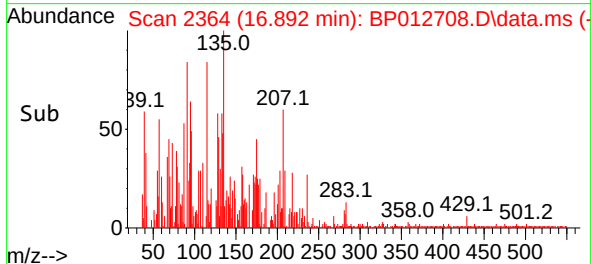
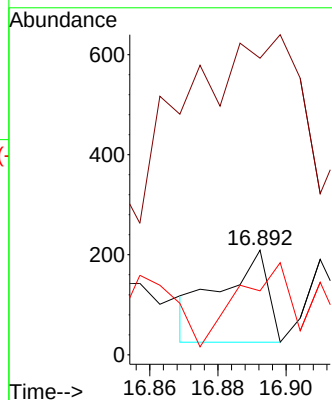
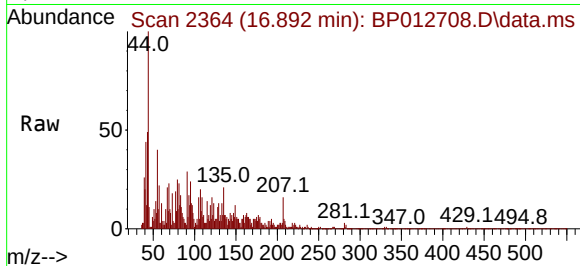




#69
 Atrazine
 Concen: 4.037 ng
 RT: 16.892 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP012708.D
 Acq: 23 Nov 2022 13:49

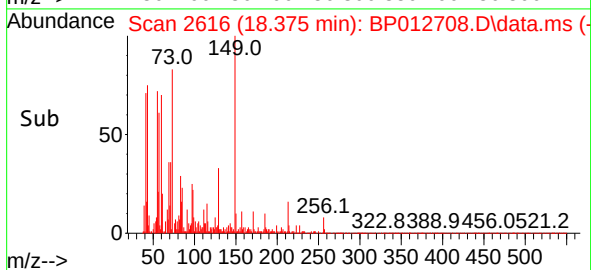
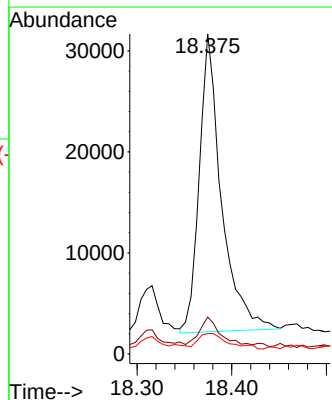
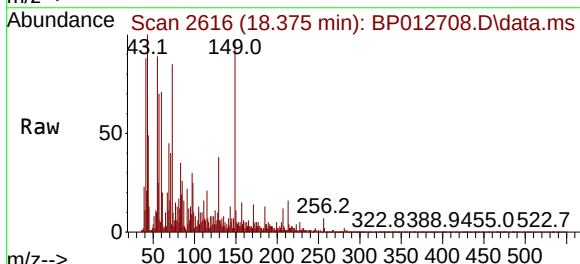
Instrument :
 BNA_P
 ClientSampleId :
 MW-42

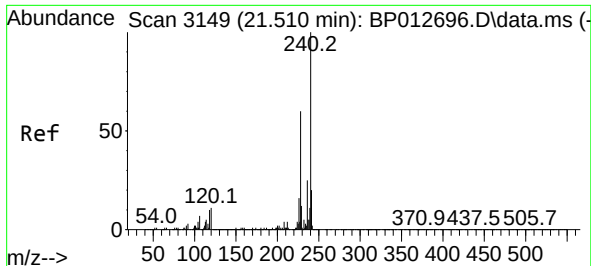
Tgt Ion:200 Resp: 179
 Ion Ratio Lower Upper
 200 100
 173 283.7 4.3 44.3#
 215 61.2 29.5 69.5



#74
 Di-n-butylphthalate
 Concen: 6.159 ng
 RT: 18.375 min Scan# 2616
 Delta R.T. -0.000 min
 Lab File: BP012708.D
 Acq: 23 Nov 2022 13:49

Tgt Ion:149 Resp: 47982
 Ion Ratio Lower Upper
 149 100
 150 11.5 7.7 11.5#
 104 6.4 4.6 6.8

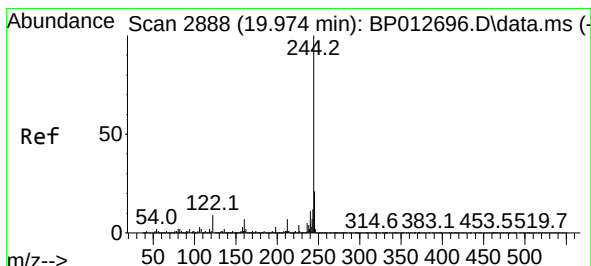
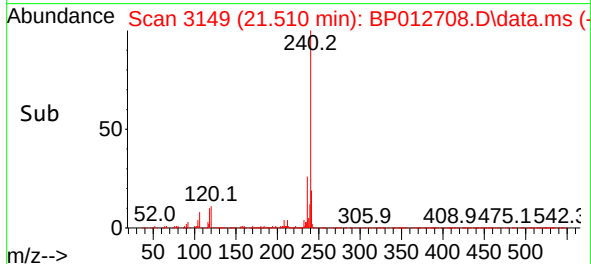
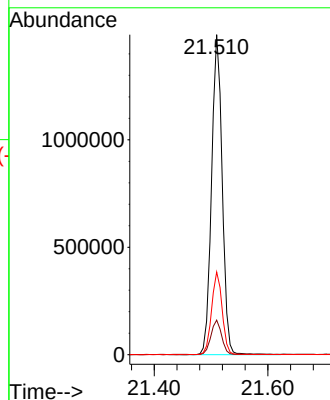
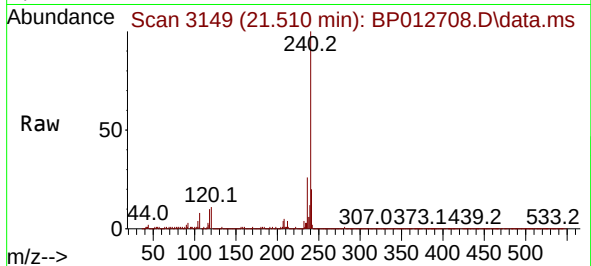




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

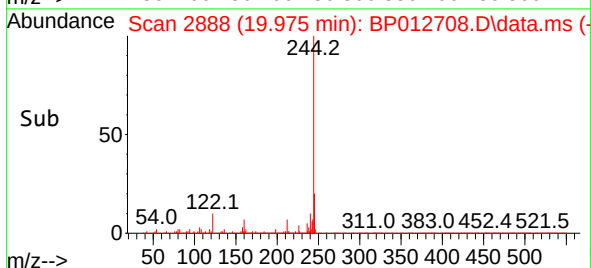
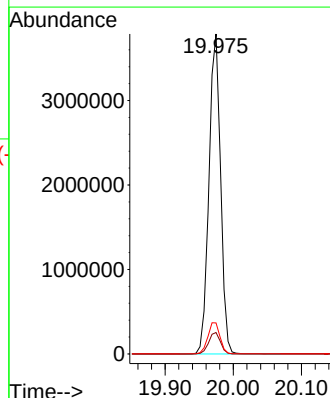
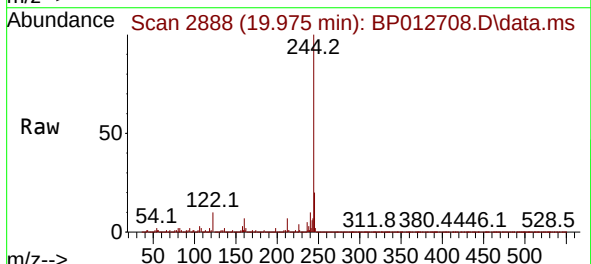
Instrument :
BNA_P
ClientSampleId :
MW-42

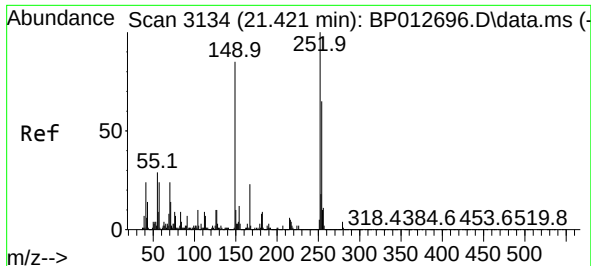
Tgt Ion:240 Resp: 1922208
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 49.652 ng
RT: 19.975 min Scan# 2888
Delta R.T. 0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:244 Resp: 4490619
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 9.7 6.9 10.3

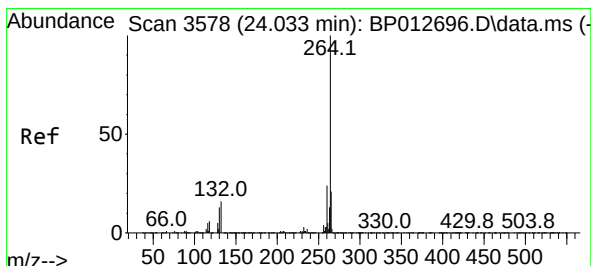
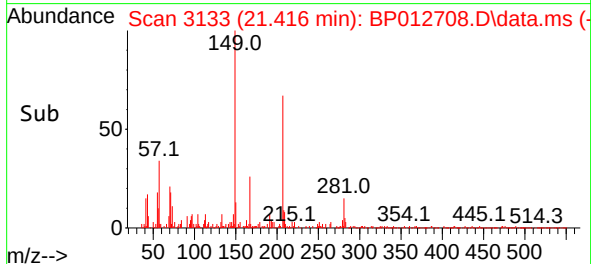
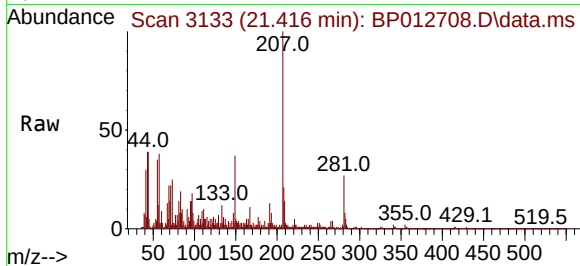




#82
3,3'-Dichlorobenzidine
Concen: 8.636 ng
RT: 21.416 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Instrument :
BNA_P
ClientSampleId :
MW-42

Tgt Ion:252 Resp: 762
Ion Ratio Lower Upper
252 100
254 53.6 51.7 77.5
126 135.8 7.7 11.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BP012708.D
Acq: 23 Nov 2022 13:49

Tgt Ion:264 Resp: 2230151
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 22.1 17.1 25.7

