

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012707.D
 Acq On : 23 Nov 2022 13:14
 Operator : CG/JU
 Sample : N5742-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-41

Quant Time: Nov 24 02:26:56 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

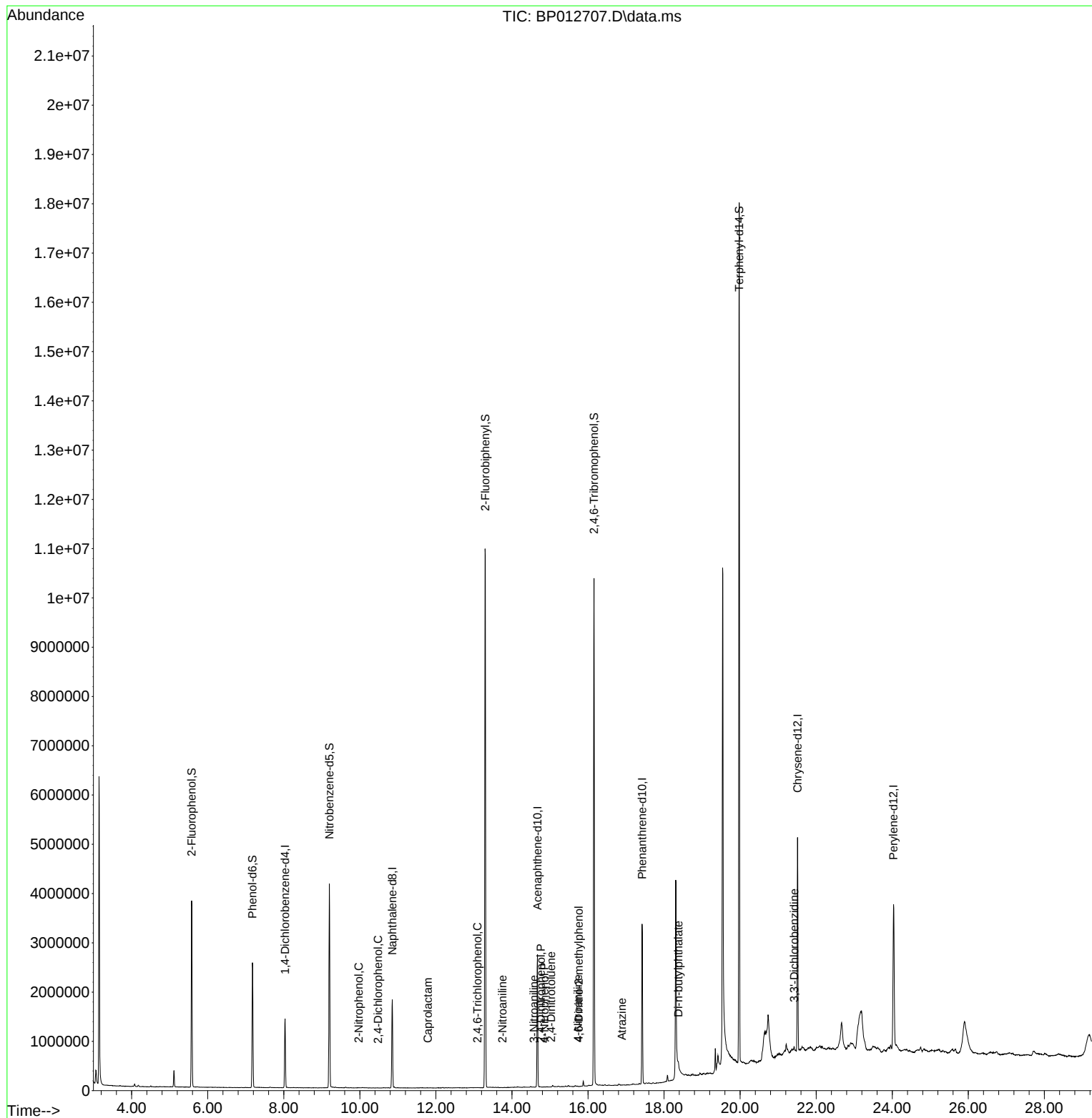
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	389543	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	1497992	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	925090	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	2017003	20.000	ng	0.00
76) Chrysene-d12	21.510	240	2200313	20.000	ng	0.00
86) Perylene-d12	24.033	264	2393165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1677830	93.312	ng	0.00
7) Phenol-d6	7.175	99	1491477	57.839	ng	0.00
23) Nitrobenzene-d5	9.199	82	2298158	85.561	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	2036466	166.404	ng	0.00
45) 2-Fluorobiphenyl	13.299	172	5913423	91.068	ng	0.00
79) Terphenyl-d14	19.975	244	8582665	82.903	ng	0.00
Target Compounds						
9) Benzaldehyde	7.181	77	3824	Below Cal	#	15
26) 2-Nitrophenol	9.969	139	161	4.424	ng	# 1
29) 2,4-Dichlorophenol	10.481	162	111	2.210	ng	# 1
32) Benzoic acid	10.128	122	200	Below Cal	#	1
35) Caprolactam	11.787	113	527	2.844	ng	# 35
43) 2,4,6-Trichlorophenol	13.093	196	98	4.188	ng	# 9
48) 2-Nitroaniline	13.751	65	274	4.824	ng	# 53
53) 3-Nitroaniline	14.575	138	95	3.682	ng	# 65
54) 2,4-Dinitrophenol	14.757	184	51	3.032	ng	# 1
56) 4-Nitrophenol	14.851	139	232	5.715	ng	# 1
57) 2,4-Dinitrotoluene	15.028	165	373	3.569	ng	# 61
62) 4-Nitroaniline	15.734	138	103	4.613	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.757	198	104	3.697	ng	# 1
69) Atrazine	16.892	200	94	4.031	ng	# 1
74) Di-n-butylphthalate	18.375	149	78809	6.364	ng	99
80) Butylbenzylphthalate	20.657	149	1992	Below Cal	#	19
82) 3,3'-Dichlorobenzidine	21.422	252	377	8.625	ng	# 11
84) Bis(2-ethylhexyl)phtha...	21.416	149	35163	Below Cal		94
85) Di-n-octyl phthalate	22.386	149	454	Below Cal	#	1

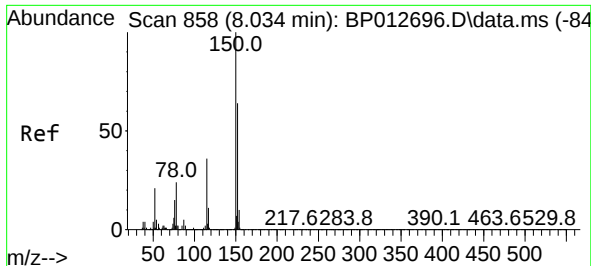
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
Data File : BP012707.D
Acq On : 23 Nov 2022 13:14
Operator : CG/JU
Sample : N5742-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-41

Quant Time: Nov 24 02:26:56 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

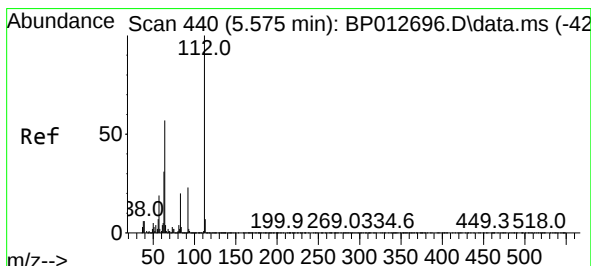
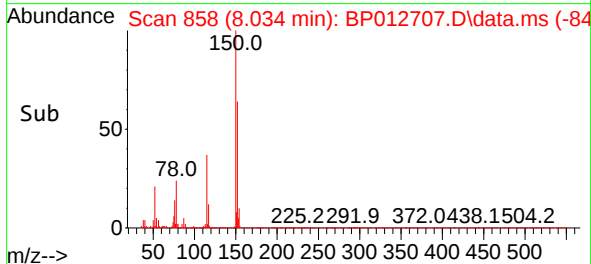
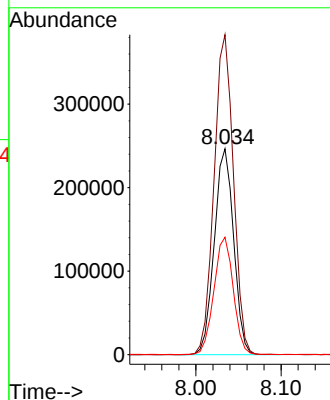
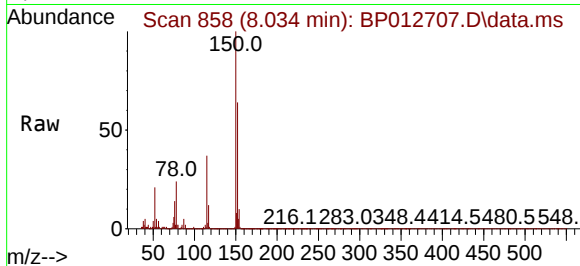




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

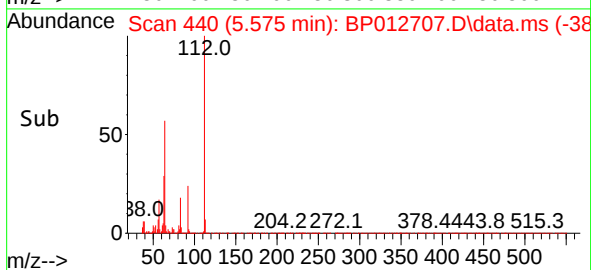
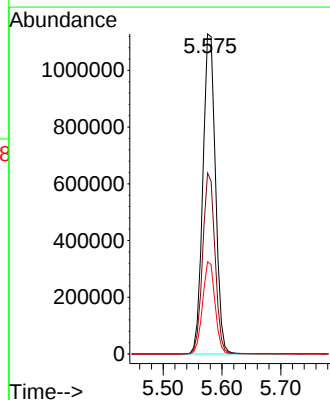
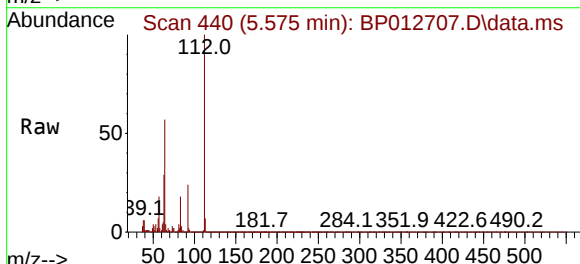
Instrument :
BNA_P
ClientSampleId :
MW-41

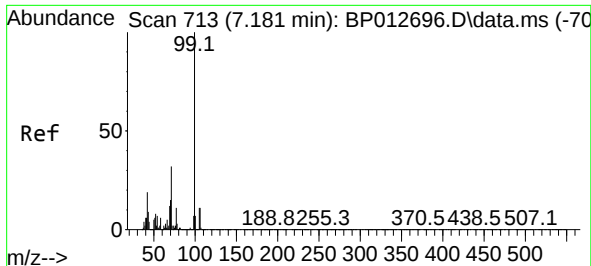
Tgt Ion:152 Resp: 389543
Ion Ratio Lower Upper
152 100
150 155.4 126.0 189.0
115 57.0 44.9 67.3



#5
2-Fluorophenol
Concen: 93.312 ng
RT: 5.575 min Scan# 440
Delta R.T. 0.000 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

Tgt Ion:112 Resp: 1677830
Ion Ratio Lower Upper
112 100
64 56.6 45.4 68.0
63 28.8 24.6 37.0



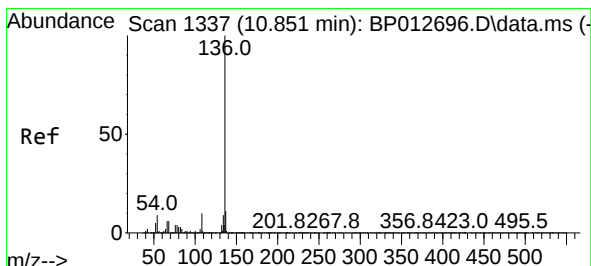
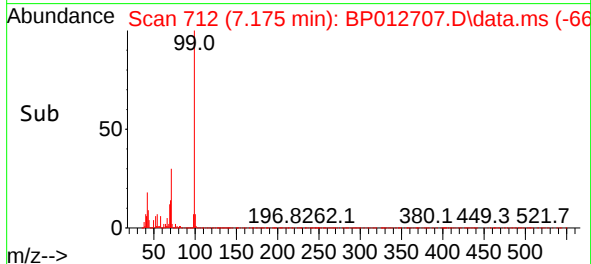
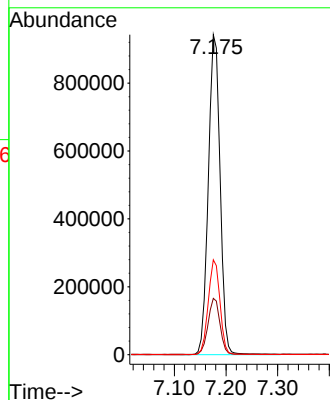
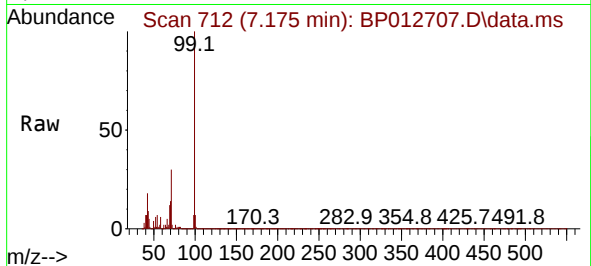


#7
Phenol-d6
Concen: 57.839 ng
RT: 7.175 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

Instrument :
BNA_P
ClientSampleId :
MW-41

Tgt Ion: 99 Resp: 1491477

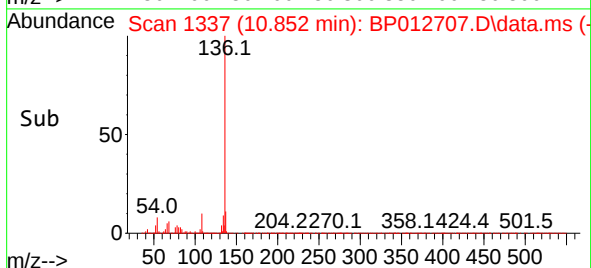
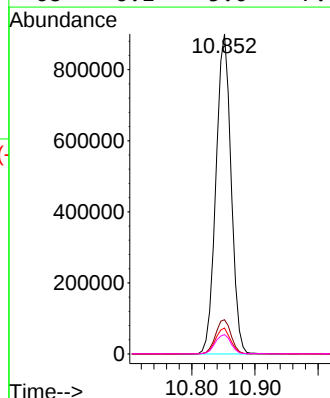
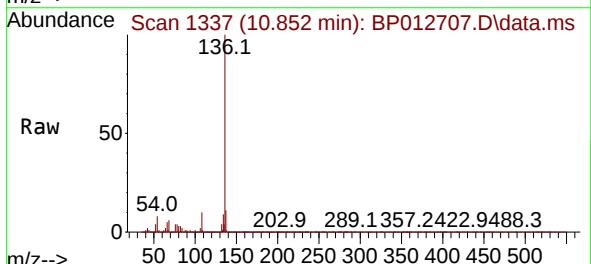
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.6
71	29.6	25.3	37.9

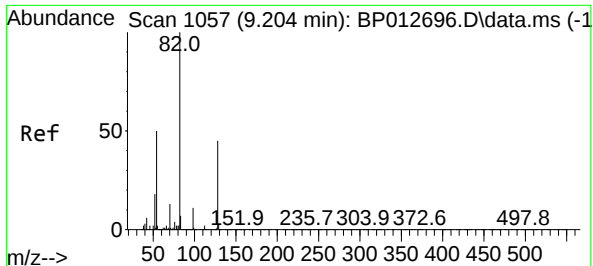


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

Tgt Ion:136 Resp: 1497992

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.1	6.9	10.3
68	6.1	5.0	7.6

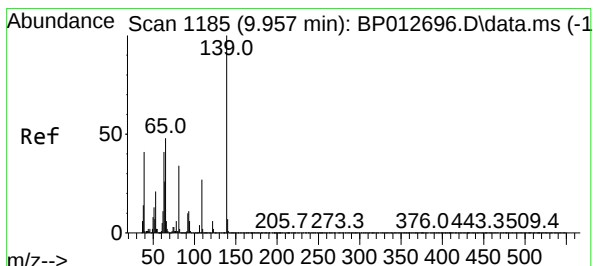
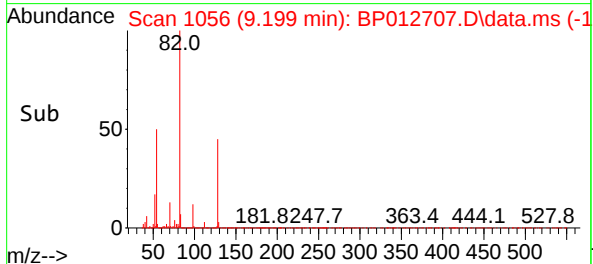
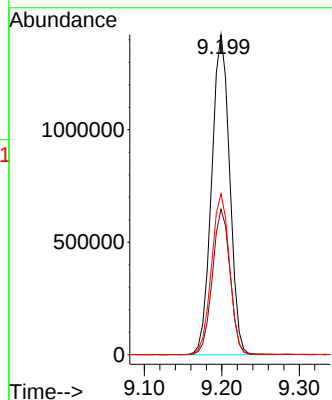
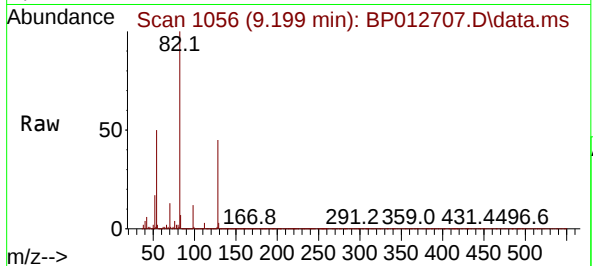




#23
Nitrobenzene-d5
Concen: 85.561 ng
RT: 9.199 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

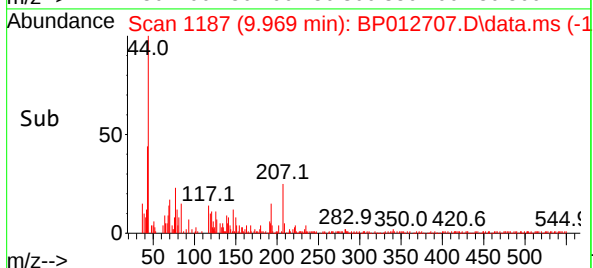
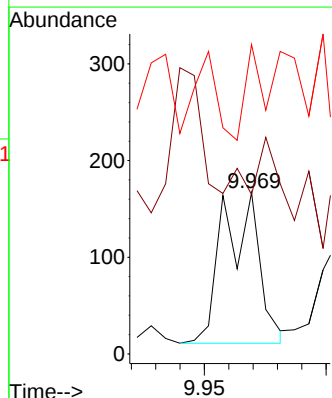
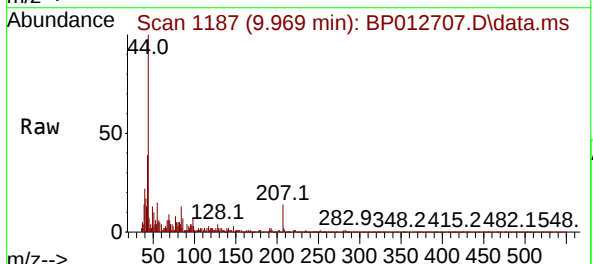
Instrument :
BNA_P
ClientSampleId :
MW-41

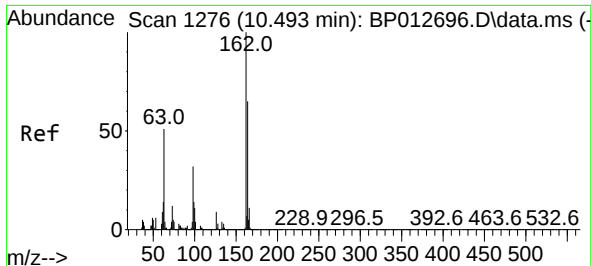
Tgt Ion: 82 Resp: 2298158
Ion Ratio Lower Upper
82 100
128 45.4 35.6 53.4
54 50.3 40.3 60.5



#26
2-Nitrophenol
Concen: 4.424 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.012 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

Tgt Ion:139 Resp: 161
Ion Ratio Lower Upper
139 100
109 98.8 21.5 32.3#
65 191.6 38.3 57.5#





#29

2,4-Dichlorophenol

Concen: 2.210 ng

RT: 10.481 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP012707.D

Acq: 23 Nov 2022 13:14

Instrument :

BNA_P

ClientSampleId :

MW-41

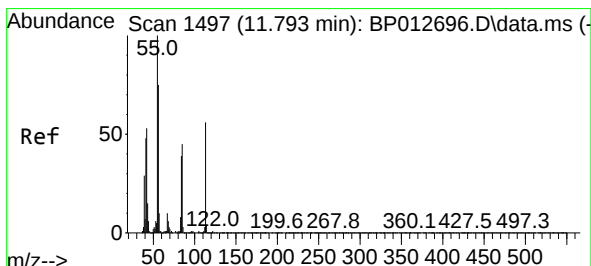
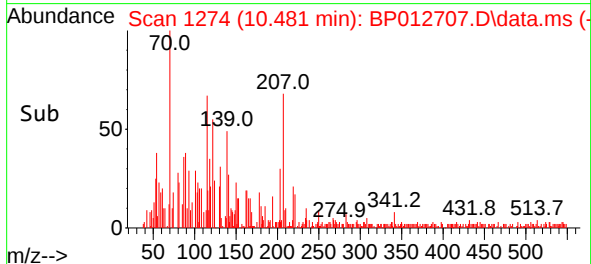
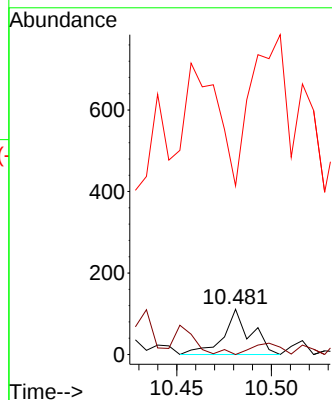
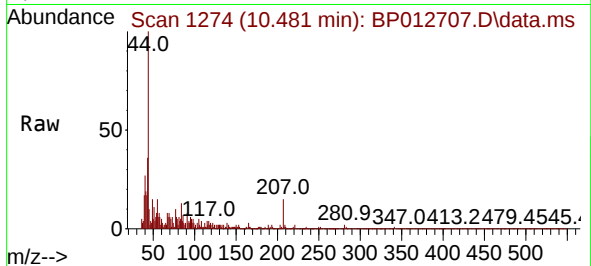
Tgt Ion:162 Resp: 111

Ion Ratio Lower Upper

162 100

164 0.0 44.9 84.9#

98 373.0 12.5 52.5#



#35

Caprolactam

Concen: 2.844 ng

RT: 11.787 min Scan# 1496

Delta R.T. -0.006 min

Lab File: BP012707.D

Acq: 23 Nov 2022 13:14

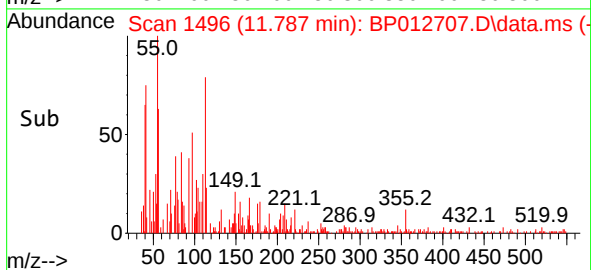
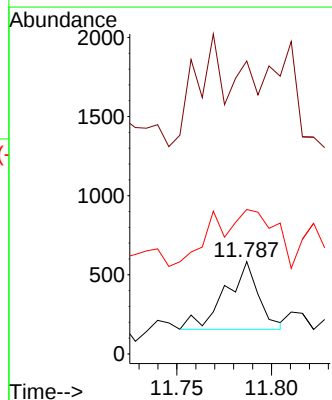
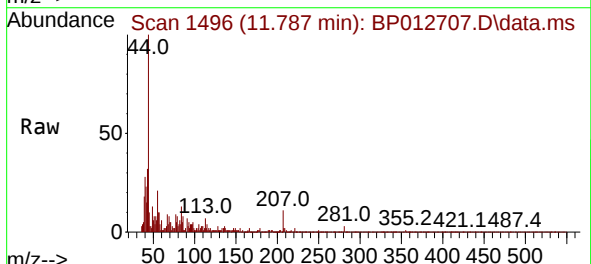
Tgt Ion:113 Resp: 527

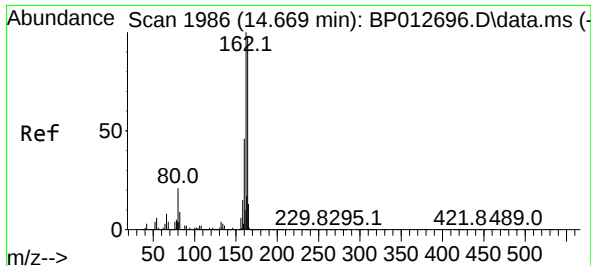
Ion Ratio Lower Upper

113 100

55 317.5 158.0 198.0#

56 156.6 114.1 154.1#

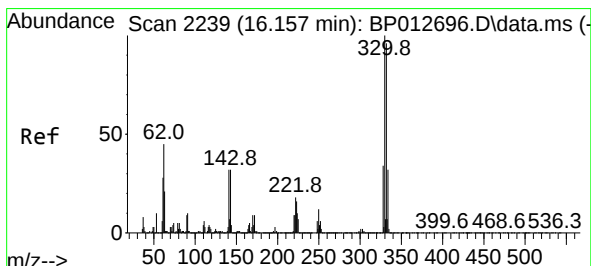
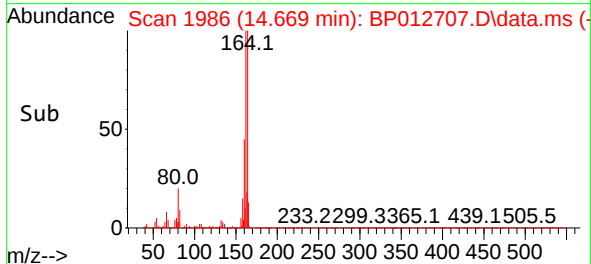
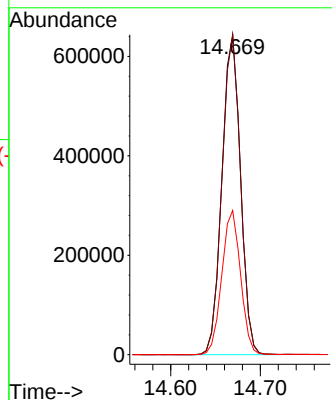
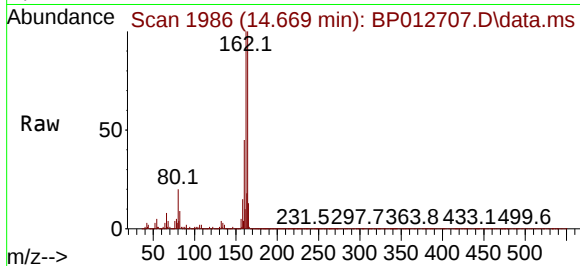




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

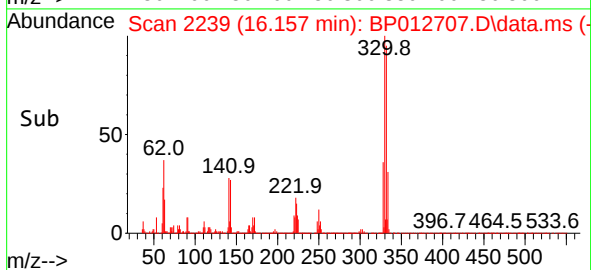
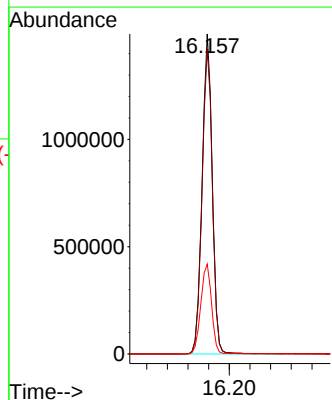
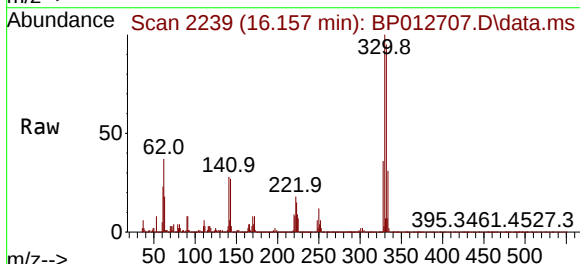
Instrument :
BNA_P
ClientSampleId :
MW-41

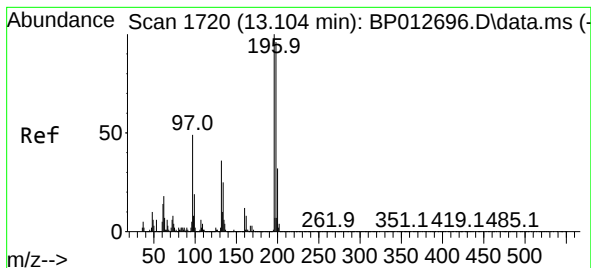
Tgt Ion:164 Resp: 925090
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 45.1 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 166.404 ng
RT: 16.157 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

Tgt Ion:330 Resp: 2036466
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 29.7 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.188 ng

RT: 13.093 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP012707.D

Acq: 23 Nov 2022 13:14

Instrument :

BNA_P

ClientSampleId :

MW-41

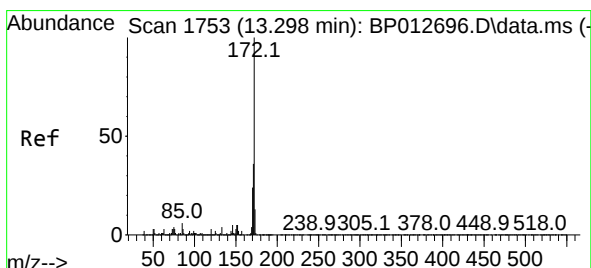
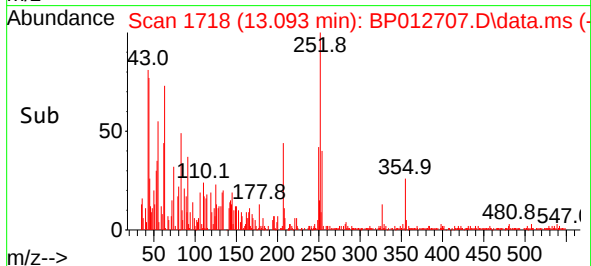
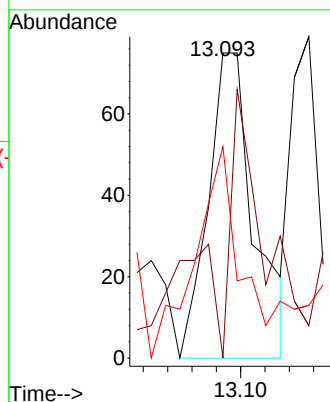
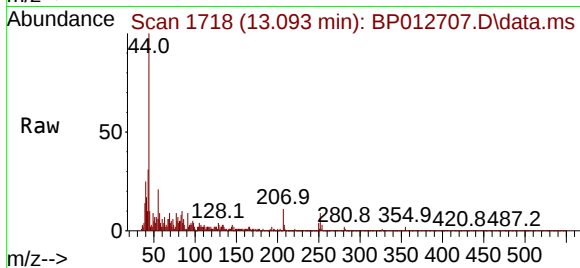
Tgt Ion:196 Resp: 98

Ion Ratio Lower Upper

196 100

198 0.0 76.6 115.0#

200 69.3 25.2 37.8#



#45

2-Fluorobiphenyl

Concen: 91.068 ng

RT: 13.299 min Scan# 1753

Delta R.T. 0.001 min

Lab File: BP012707.D

Acq: 23 Nov 2022 13:14

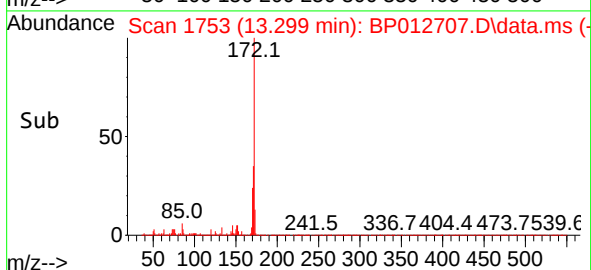
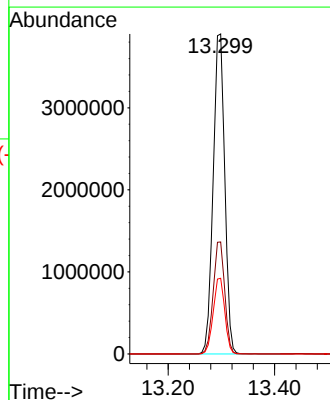
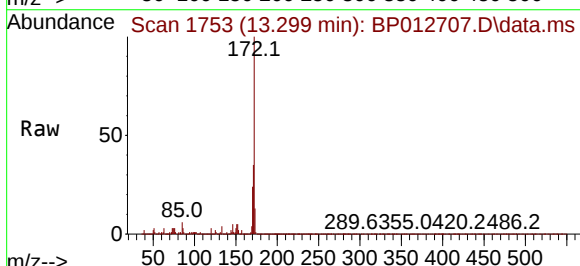
Tgt Ion:172 Resp: 5913423

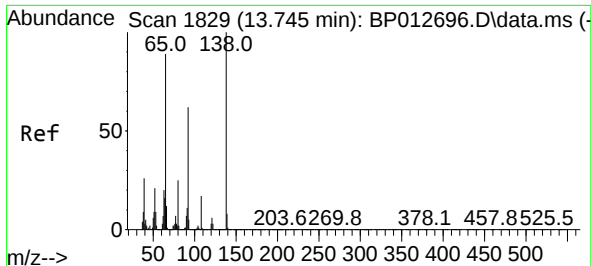
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.7 19.1 28.7

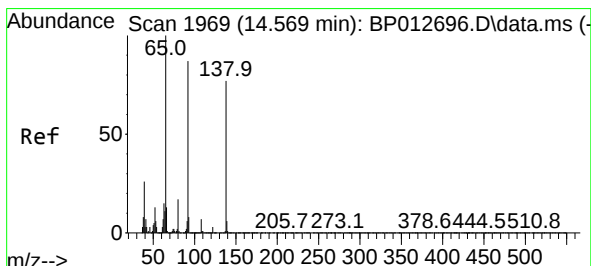
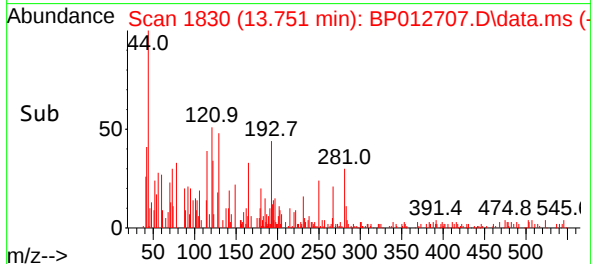
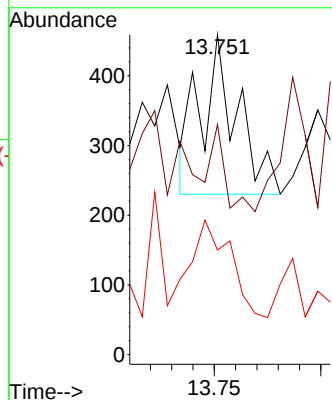
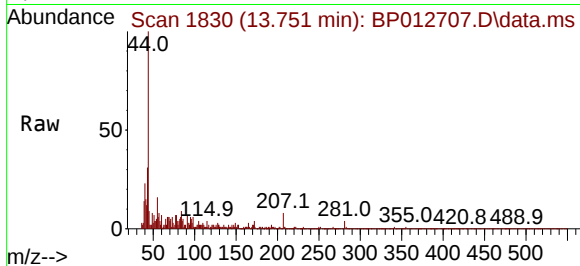




#48
2-Nitroaniline
Concen: 4.824 ng
RT: 13.751 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

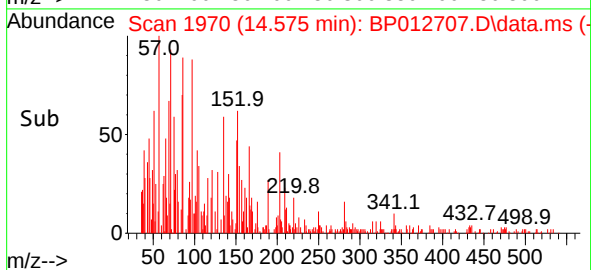
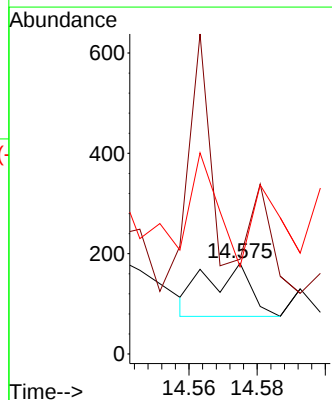
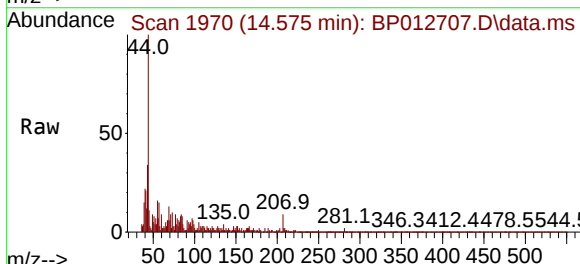
Instrument :
BNA_P
ClientSampleId :
MW-41

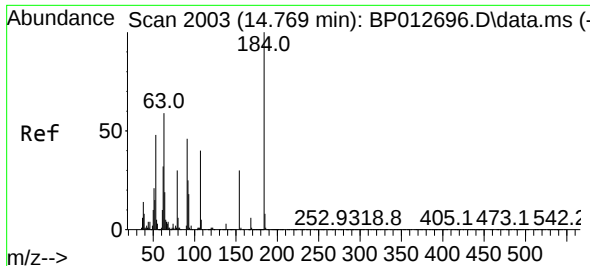
Tgt Ion: 65 Resp: 274
Ion Ratio Lower Upper
65 100
92 71.9 55.4 83.2
138 32.7 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.682 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

Tgt Ion: 138 Resp: 95
Ion Ratio Lower Upper
138 100
108 104.4 7.4 11.2#
92 96.1 91.3 136.9

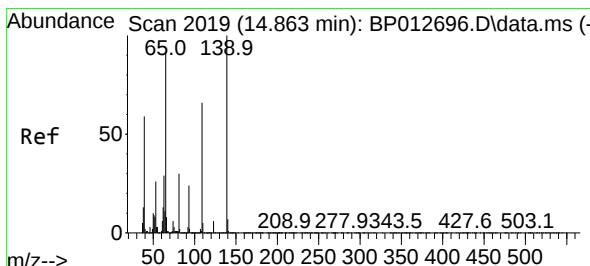
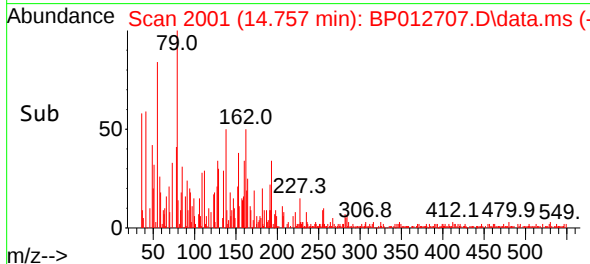
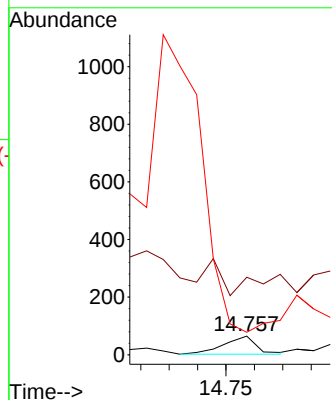
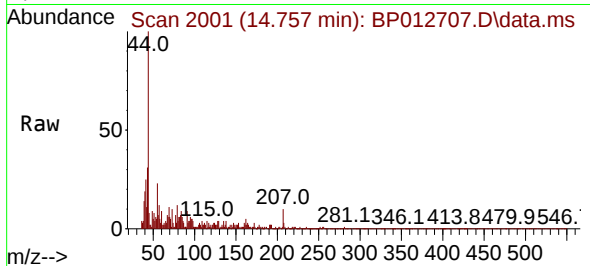




#54
2,4-Dinitrophenol
Concen: 3.032 ng
RT: 14.757 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

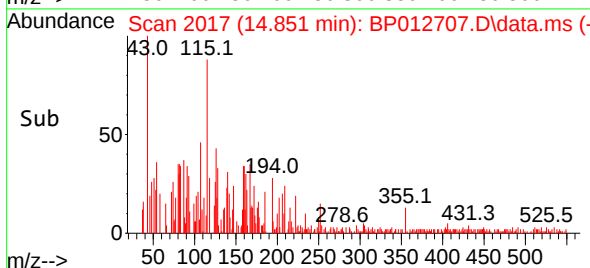
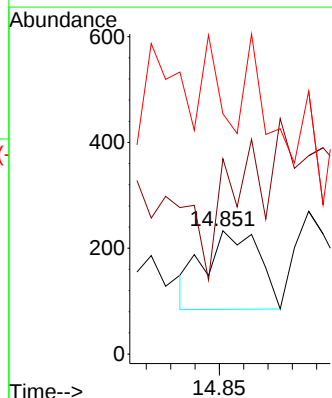
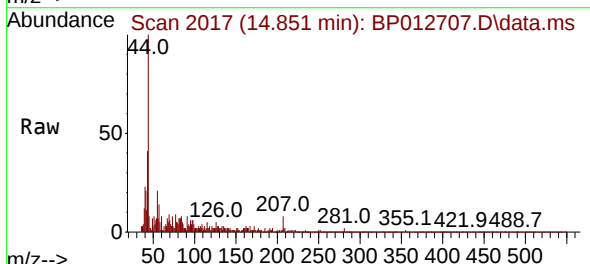
Instrument :
BNA_P
ClientSampleId :
MW-41

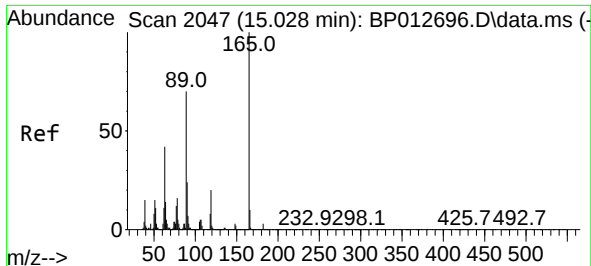
Tgt Ion:184 Resp: 51
Ion Ratio Lower Upper
184 100
63 413.8 50.0 75.0#
154 120.0 45.5 68.3#



#56
4-Nitrophenol
Concen: 5.715 ng
RT: 14.851 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

Tgt Ion:139 Resp: 232
Ion Ratio Lower Upper
139 100
109 158.4 46.1 86.1#
65 194.8 72.5 112.5#

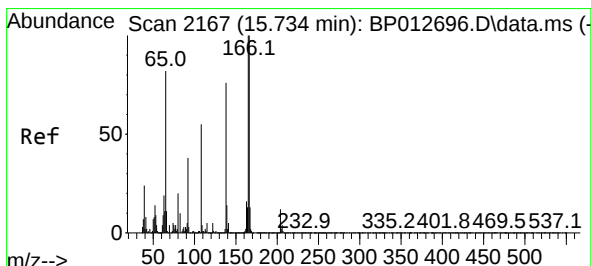
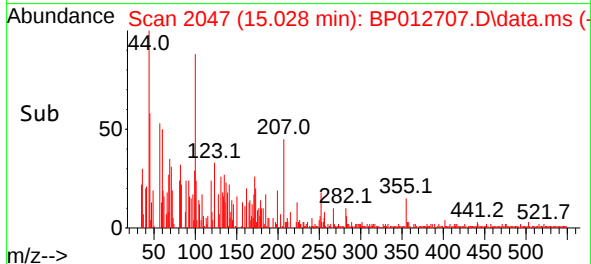
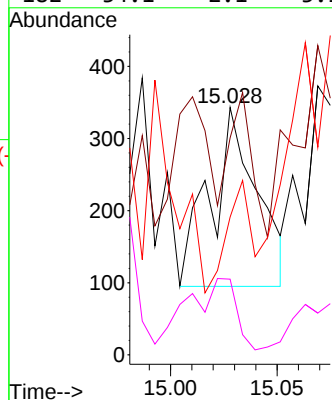
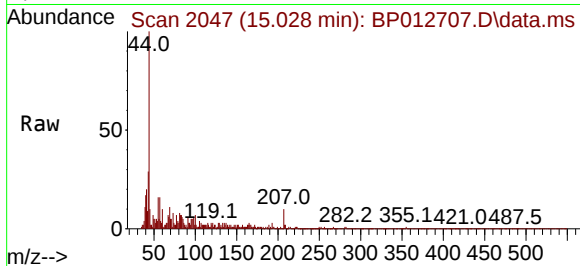




#57
2,4-Dinitrotoluene
Concen: 3.569 ng
RT: 15.028 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

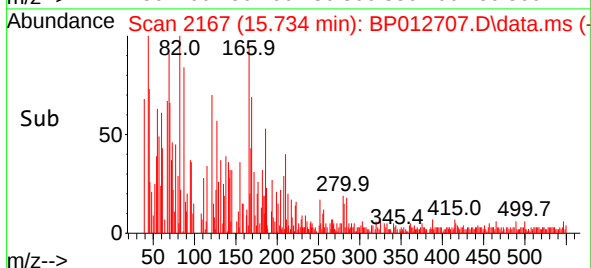
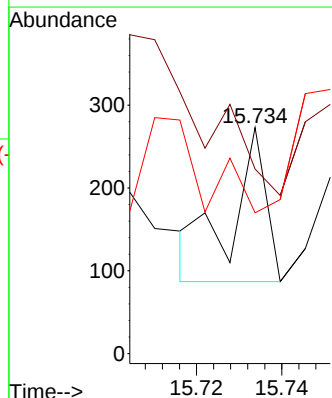
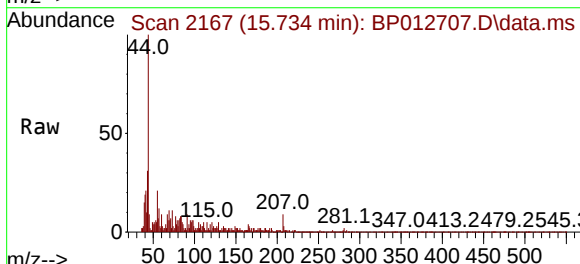
Instrument :
BNA_P
ClientSampleId :
MW-41

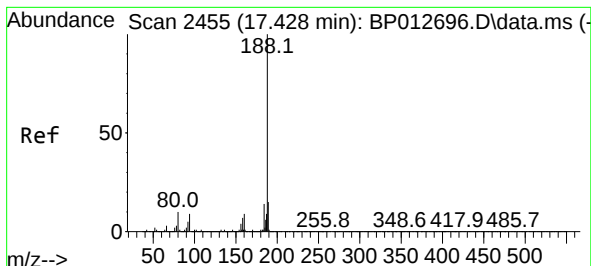
Tgt Ion:165 Resp: 373
Ion Ratio Lower Upper
165 100
63 87.8 33.7 50.5#
89 55.7 56.3 84.5#
182 34.1 2.1 3.1#



#62
4-Nitroaniline
Concen: 4.613 ng
RT: 15.734 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP012707.D
Acq: 23 Nov 2022 13:14

Tgt Ion:138 Resp: 103
Ion Ratio Lower Upper
138 100
92 81.7 29.6 69.6#
108 62.3 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: BP012707.D

Acq: 23 Nov 2022 13:14

Instrument :

BNA_P

ClientSampleId :

MW-41

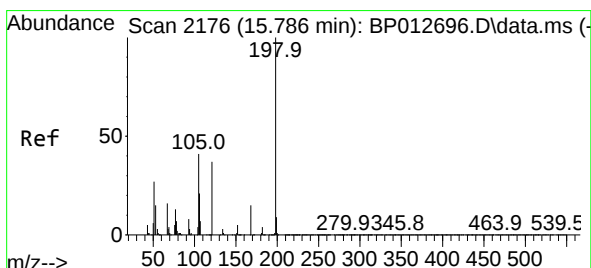
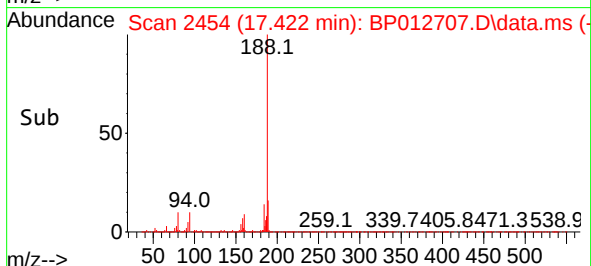
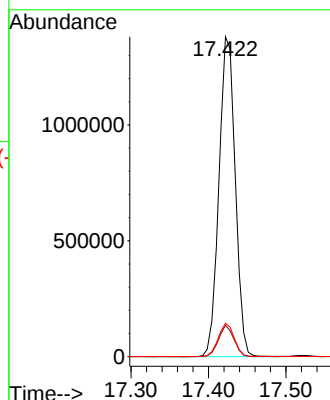
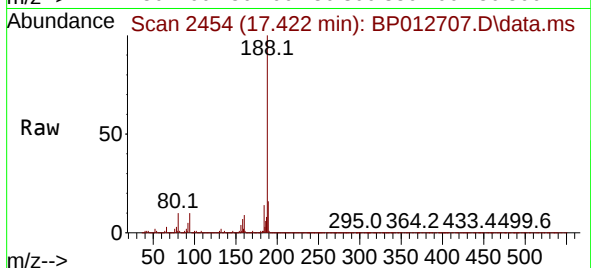
Tgt Ion:188 Resp: 2017003

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.4 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 3.697 ng

RT: 15.757 min Scan# 2171

Delta R.T. -0.029 min

Lab File: BP012707.D

Acq: 23 Nov 2022 13:14

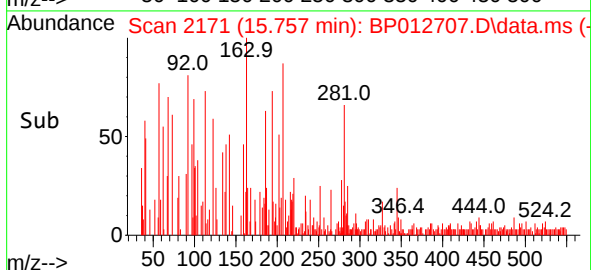
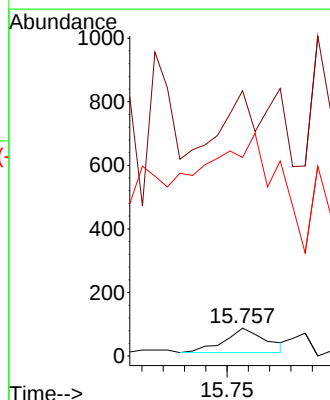
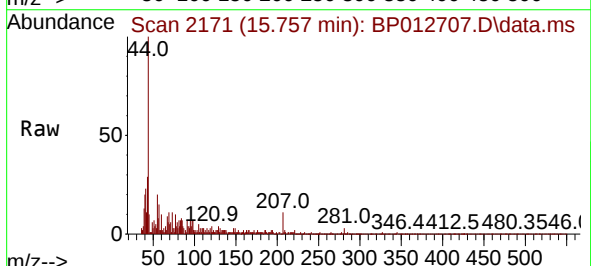
Tgt Ion:198 Resp: 104

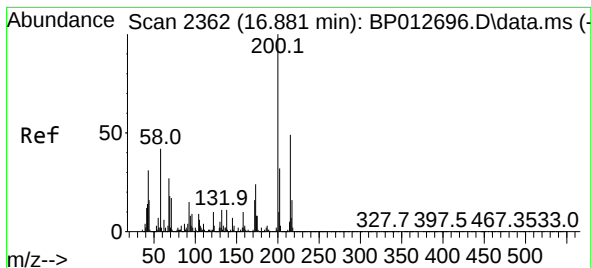
Ion Ratio Lower Upper

198 100

51 948.9 25.7 65.7#

105 710.2 22.8 62.8#





#69

Atrazine

Concen: 4.031 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP012707.D

Acq: 23 Nov 2022 13:14

Instrument :

BNA_P

ClientSampleId :

MW-41

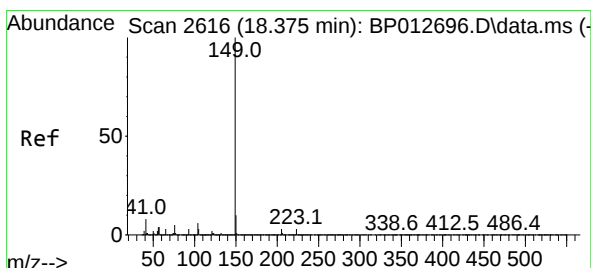
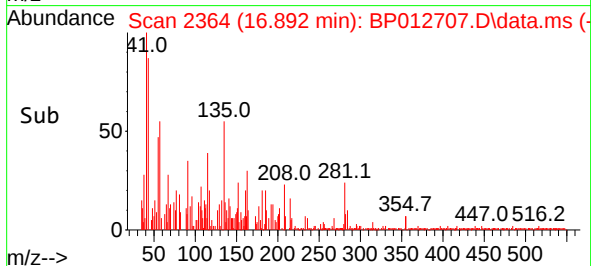
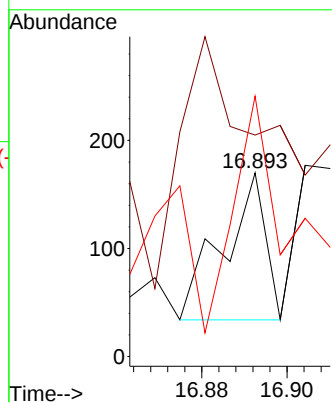
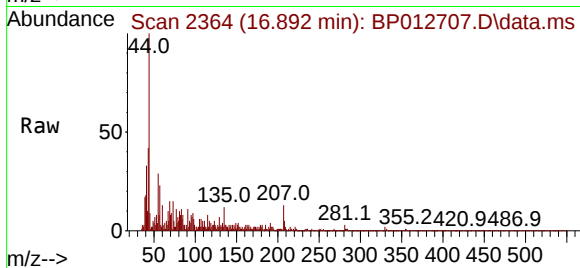
Tgt Ion:200 Resp: 94

Ion Ratio Lower Upper

200 100

173 120.6 4.3 44.3#

215 141.8 29.5 69.5#



#74

Di-n-butylphthalate

Concen: 6.364 ng

RT: 18.375 min Scan# 2616

Delta R.T. -0.000 min

Lab File: BP012707.D

Acq: 23 Nov 2022 13:14

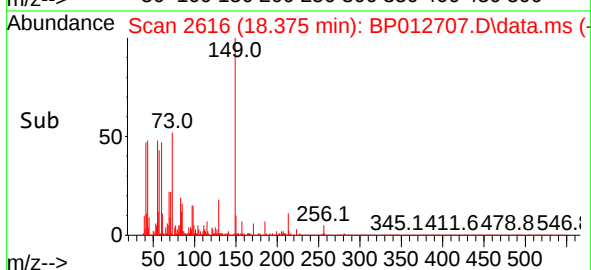
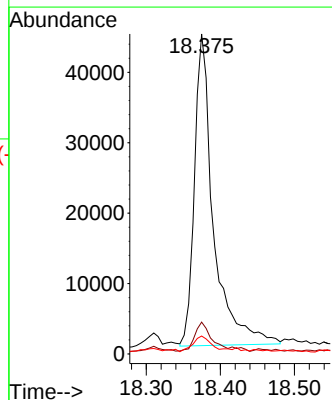
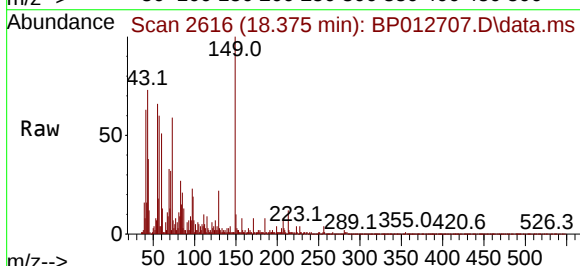
Tgt Ion:149 Resp: 78809

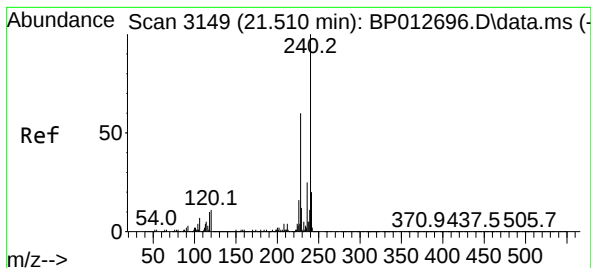
Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

104 5.6 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: BP012707.D

Acq: 23 Nov 2022 13:14

Instrument :

BNA_P

ClientSampleId :

MW-41

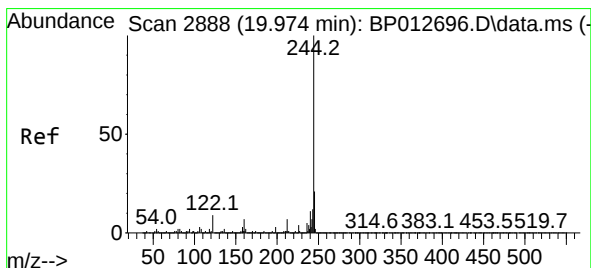
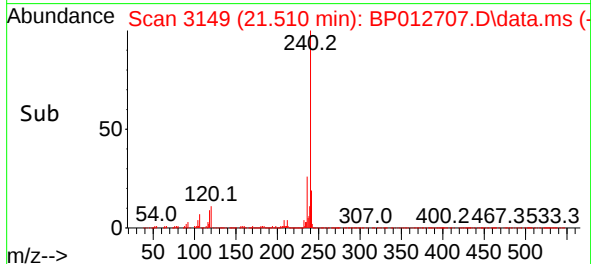
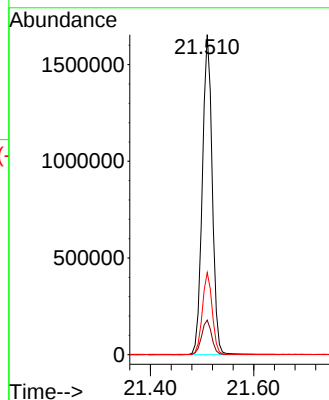
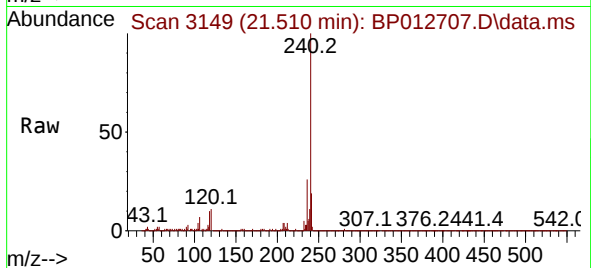
Tgt Ion:240 Resp: 2200313

Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 82.903 ng

RT: 19.975 min Scan# 2888

Delta R.T. 0.000 min

Lab File: BP012707.D

Acq: 23 Nov 2022 13:14

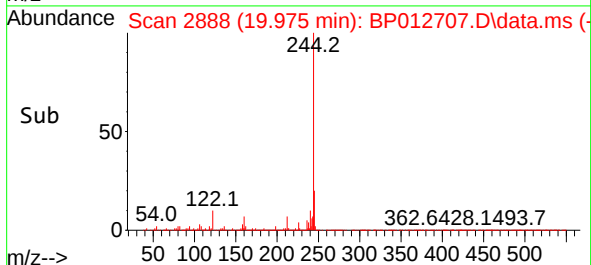
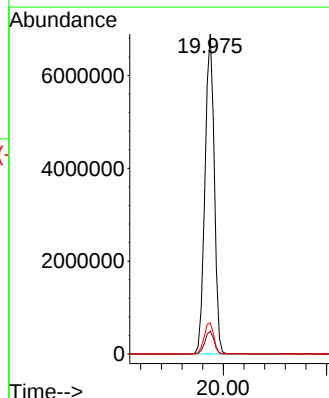
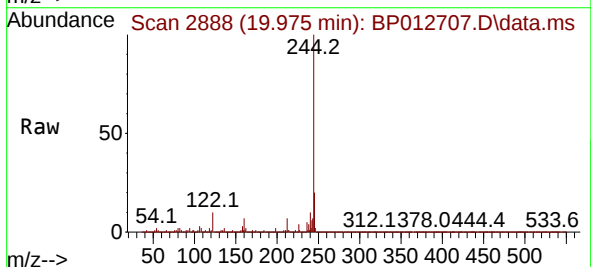
Tgt Ion:244 Resp: 8582665

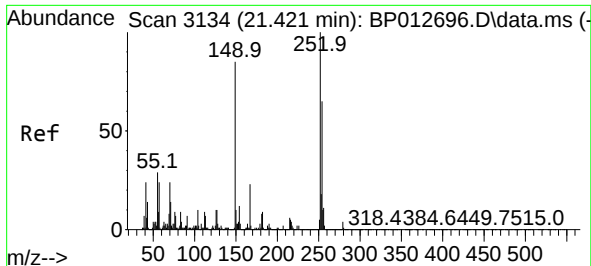
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.7 6.9 10.3

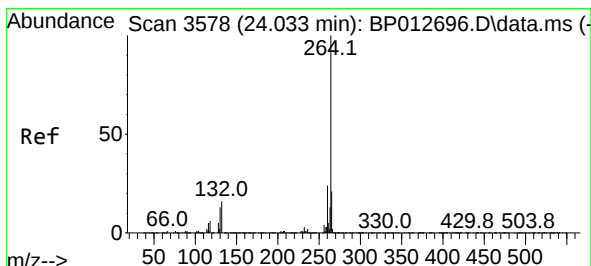
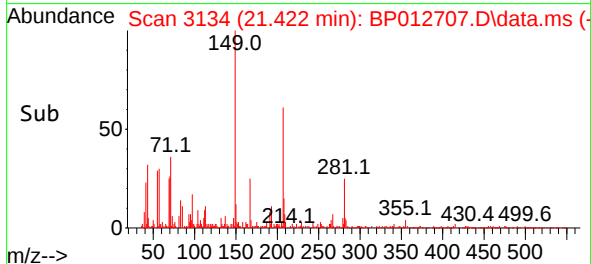
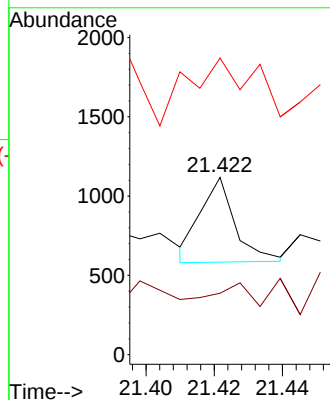
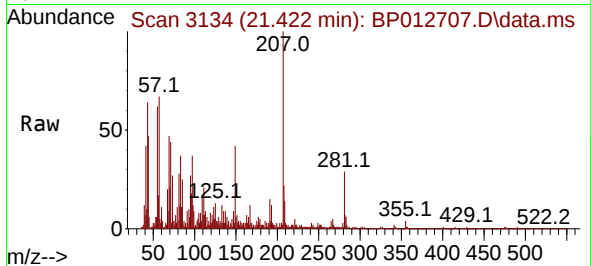




#82
 3,3'-Dichlorobenzidine
 Concen: 8.625 ng
 RT: 21.422 min Scan# 3134
 Delta R.T. 0.001 min
 Lab File: BP012707.D
 Acq: 23 Nov 2022 13:14

Instrument :
 BNA_P
 ClientSampleId :
 MW-41

Tgt Ion:252 Resp: 377
 Ion Ratio Lower Upper
 252 100
 254 34.6 51.7 77.5#
 126 167.4 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: BP012707.D
 Acq: 23 Nov 2022 13:14

Tgt Ion:264 Resp: 2393165
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.0 17.1 25.7

