

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012711.D
 Acq On : 23 Nov 2022 15:31
 Operator : CG/JU
 Sample : N5740-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-12

Quant Time: Nov 24 02:28:54 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)

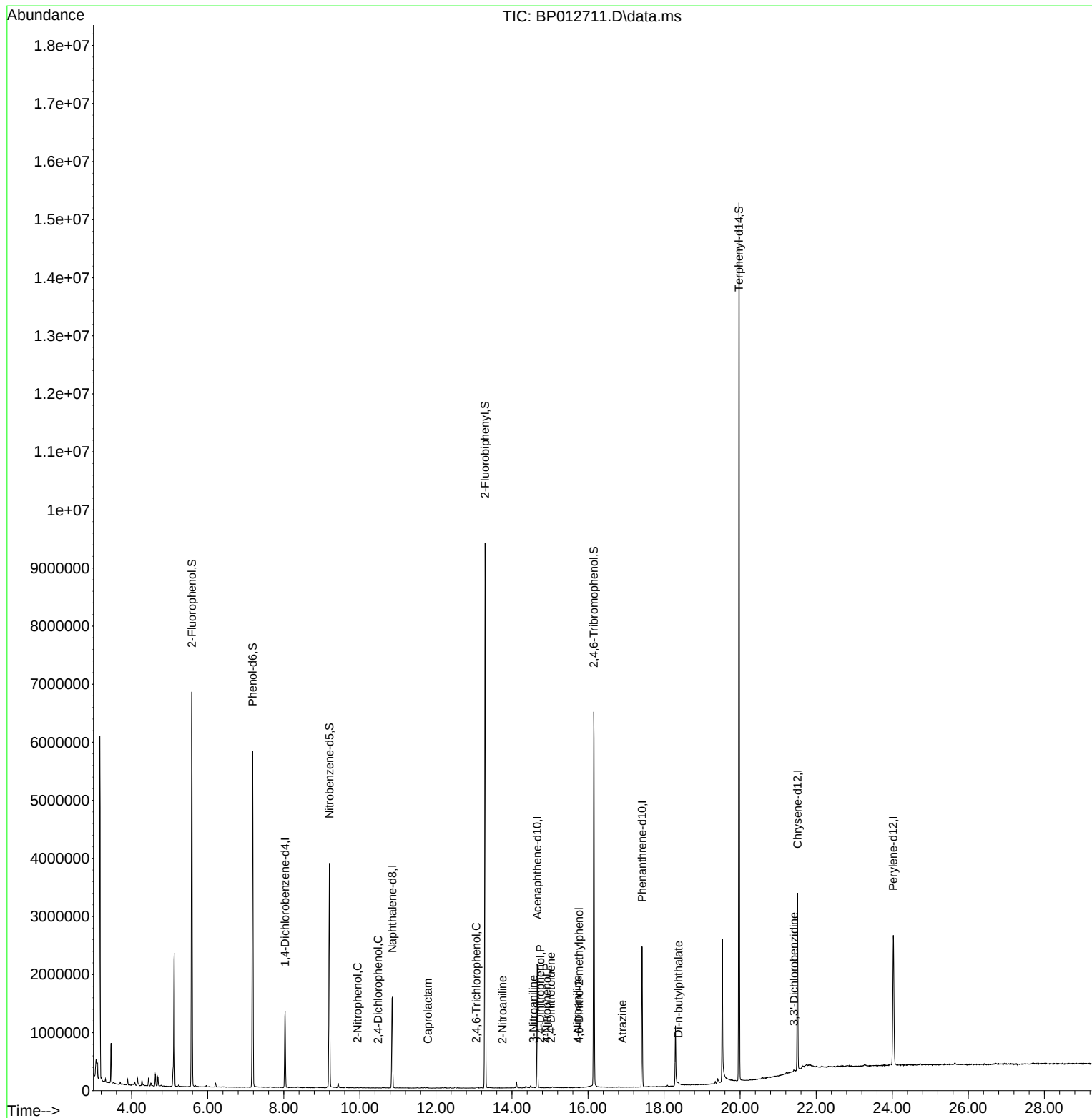
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	363344	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	1349381	20.000	ng	0.00
39) Acenaphthene-d10	14.663	164	739449	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1448925	20.000	ng	0.00
76) Chrysene-d12	21.510	240	1573048	20.000	ng	0.00
86) Perylene-d12	24.027	264	1727891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2992894	178.451	ng	0.00
7) Phenol-d6	7.181	99	3395710	141.179	ng	0.00
23) Nitrobenzene-d5	9.199	82	2095900	86.625	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	1260270	131.722	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	4892318	94.258	ng	0.00
79) Terphenyl-d14	19.969	244	7579358	102.406	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.181	77	5841	Below Cal	#	6
26) 2-Nitrophenol	9.940	139	82	4.417 ng	#	1
29) 2,4-Dichlorophenol	10.481	162	67	2.208 ng	#	1
32) Benzoic acid	10.152	122	56	Below Cal	#	1
35) Caprolactam	11.787	113	636	2.879 ng	#	32
43) 2,4,6-Trichlorophenol	13.063	196	49	4.186 ng	#	40
48) 2-Nitroaniline	13.751	65	134	4.817 ng	#	26
53) 3-Nitroaniline	14.563	138	99	3.683 ng	#	79
54) 2,4-Dinitrophenol	14.745	184	36	3.030 ng	#	1
56) 4-Nitrophenol	14.916	139	80	5.706 ng		98
57) 2,4-Dinitrotoluene	15.022	165	145	3.561 ng	#	60
62) 4-Nitroaniline	15.722	138	150	4.618 ng	#	65
65) 4,6-Dinitro-2-methylph...	15.763	198	24	3.687 ng	#	1
69) Atrazine	16.904	200	132	4.036 ng	#	22
74) Di-n-butylphthalate	18.375	149	20483	5.941 ng		98
80) Butylbenzylphthalate	20.645	149	476	Below Cal	#	52
82) 3,3'-Dichlorobenzidine	21.416	252	159	8.622 ng	#	23
84) Bis(2-ethylhexyl)phtha...	21.410	149	11146	Below Cal	#	94
85) Di-n-octyl phthalate	22.404	149	445	Below Cal	#	1

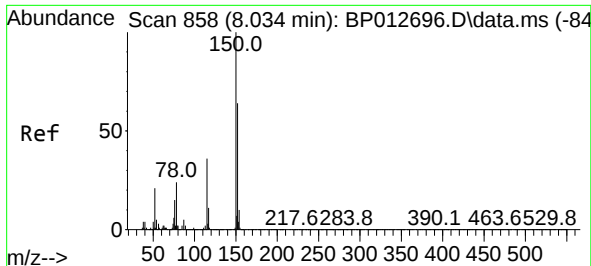
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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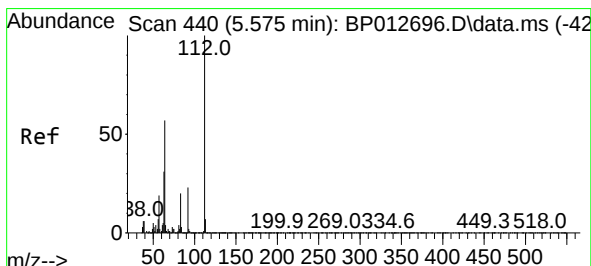
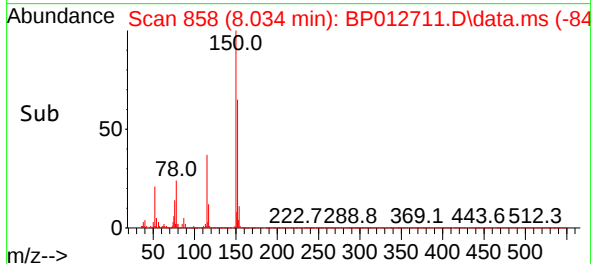
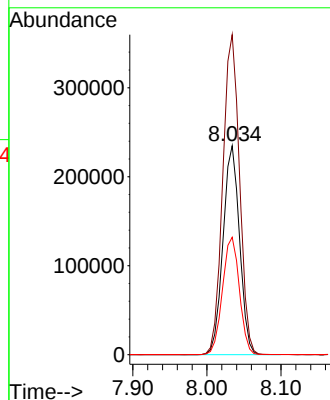
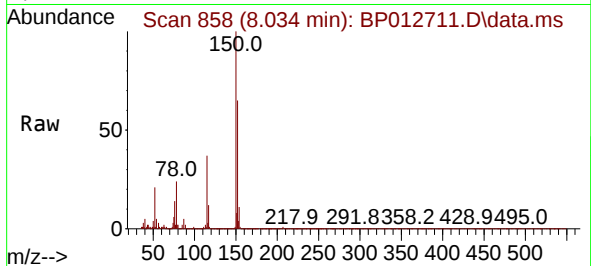




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

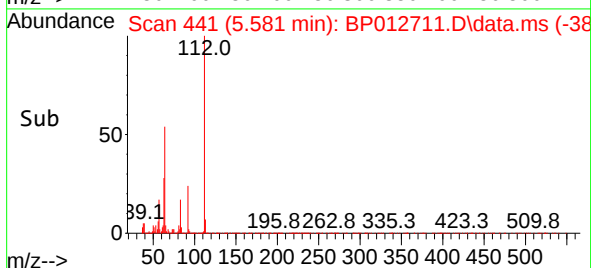
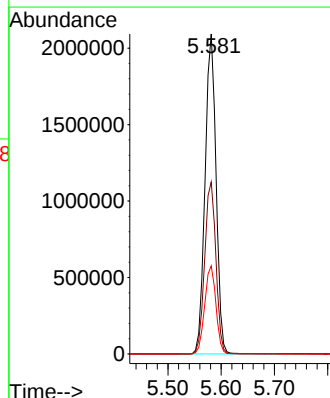
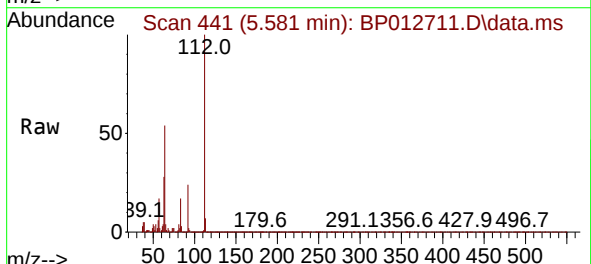
Instrument :
BNA_P
ClientSampleId :
MH-12

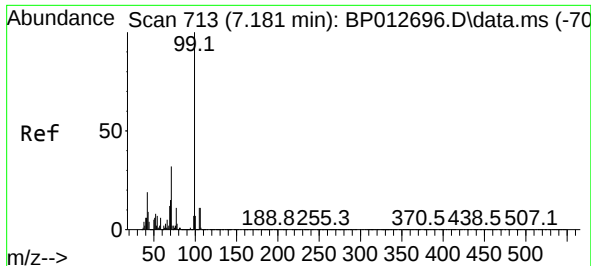
Tgt Ion:152 Resp: 363344
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 56.2 44.9 67.3



#5
2-Fluorophenol
Concen: 178.451 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion:112 Resp: 2992894
Ion Ratio Lower Upper
112 100
64 53.7 45.4 68.0
63 27.5 24.6 37.0

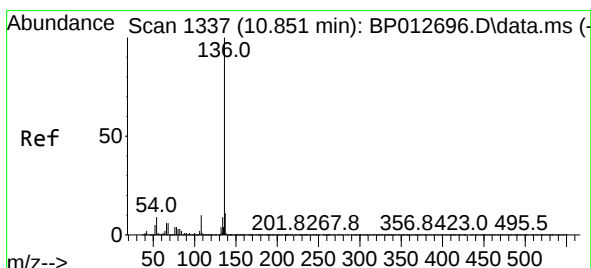
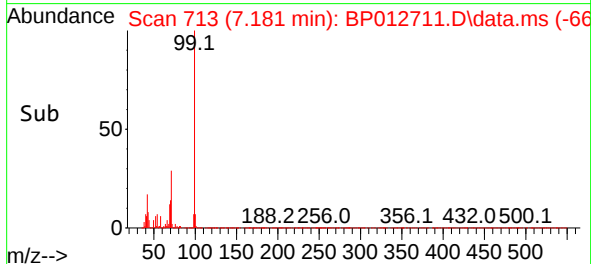
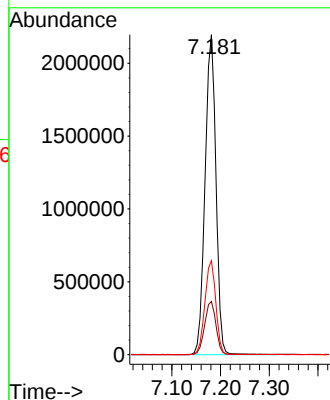
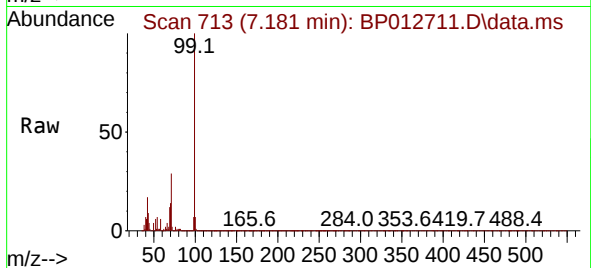




#7
Phenol-d6
Concen: 141.179 ng
RT: 7.181 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

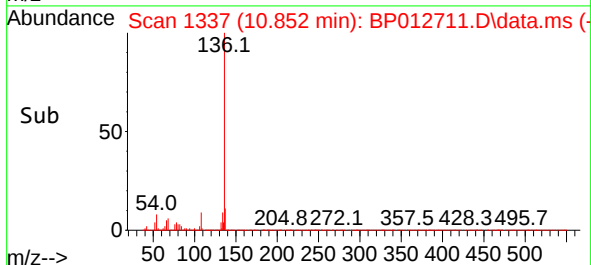
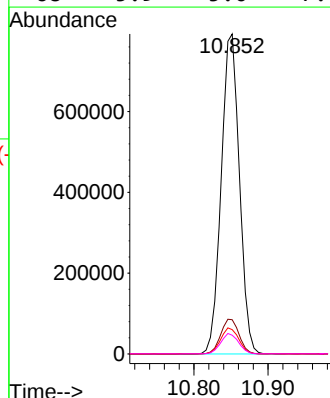
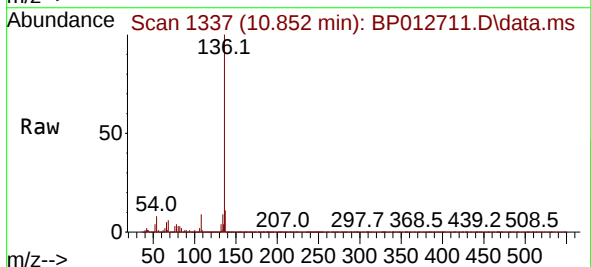
Instrument :
BNA_P
ClientSampleId :
MH-12

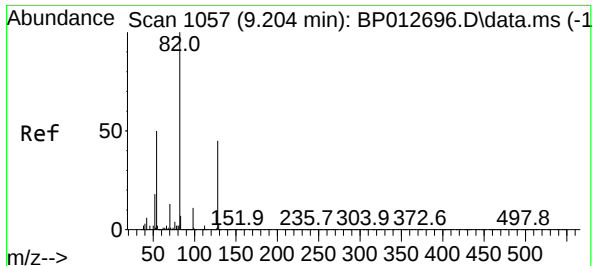
Tgt Ion: 99 Resp: 3395710
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 29.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion:136 Resp: 1349381
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.6 6.9 10.3
68 5.9 5.0 7.6

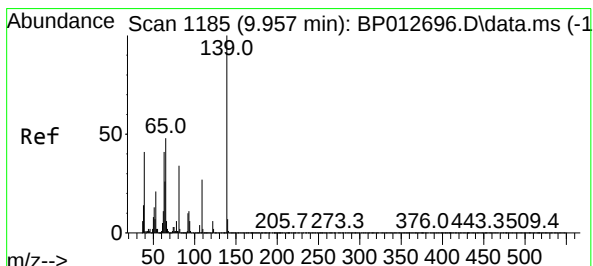
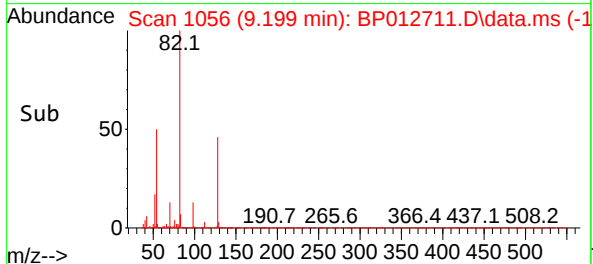
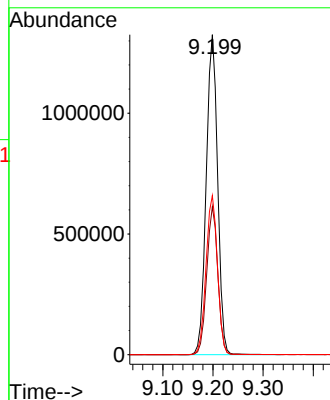
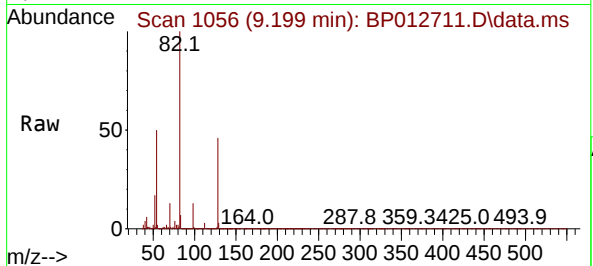




#23
Nitrobenzene-d5
Concen: 86.625 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

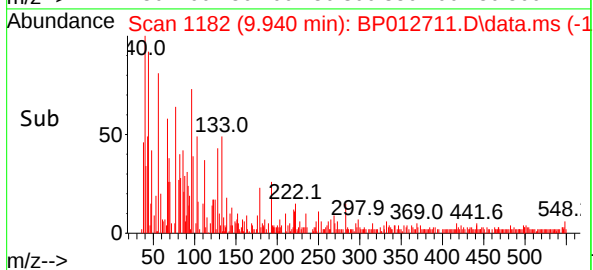
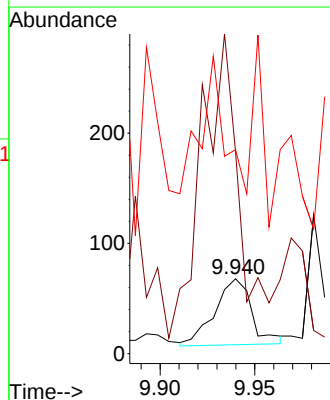
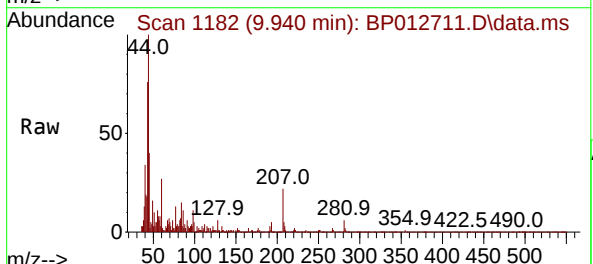
Instrument :
BNA_P
ClientSampleId :
MH-12

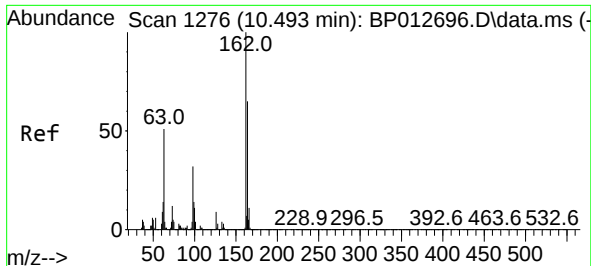
Tgt Ion: 82 Resp: 2095900
Ion Ratio Lower Upper
82 100
128 46.3 35.6 53.4
54 49.7 40.3 60.5



#26
2-Nitrophenol
Concen: 4.417 ng
RT: 9.940 min Scan# 1182
Delta R.T. -0.017 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion: 139 Resp: 82
Ion Ratio Lower Upper
139 100
109 269.1 21.5 32.3#
65 272.1 38.3 57.5#

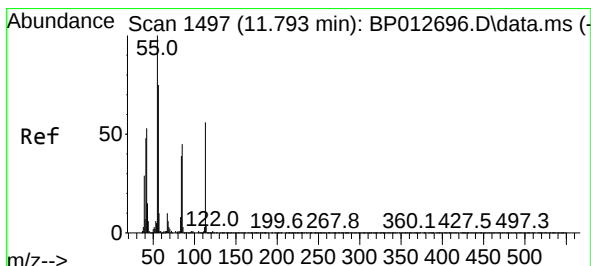
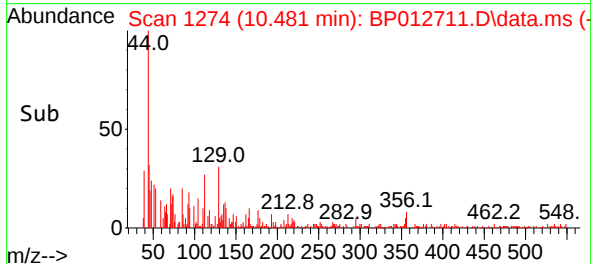
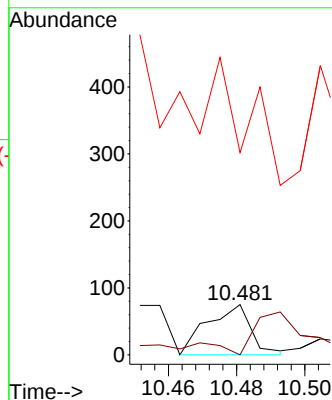
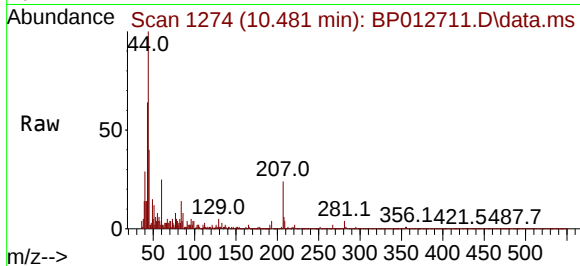




#29
2,4-Dichlorophenol
Concen: 2.208 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

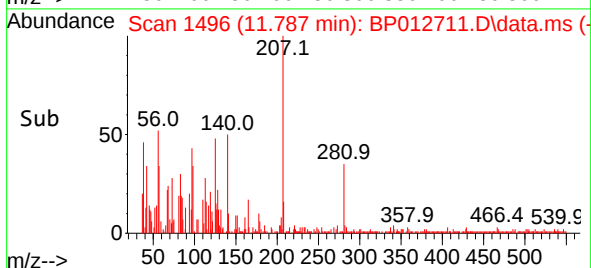
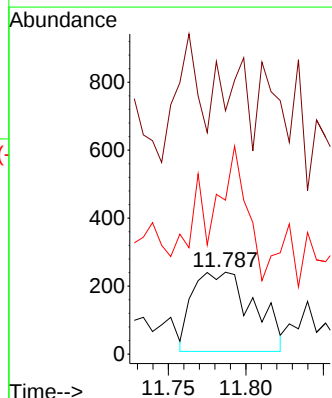
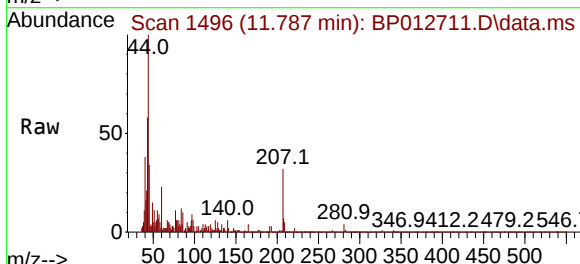
Instrument :
BNA_P
ClientSampleId :
MH-12

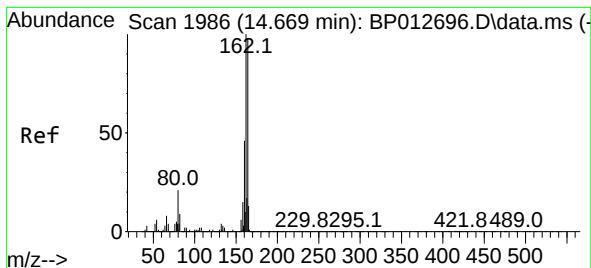
Tgt Ion:162 Resp: 67
Ion Ratio Lower Upper
162 100
164 0.0 44.9 84.9#
98 402.7 12.5 52.5#



#35
Caprolactam
Concen: 2.879 ng
RT: 11.787 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion:113 Resp: 636
Ion Ratio Lower Upper
113 100
55 297.1 158.0 198.0#
56 188.0 114.1 154.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP012711.D

Acq: 23 Nov 2022 15:31

Instrument :

BNA_P

ClientSampleId :

MH-12

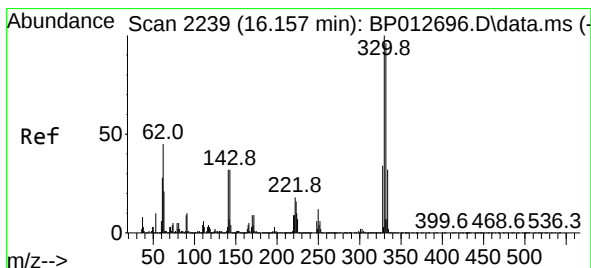
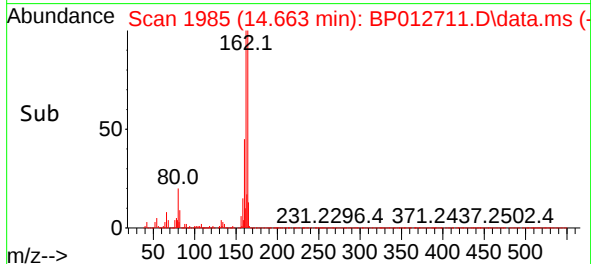
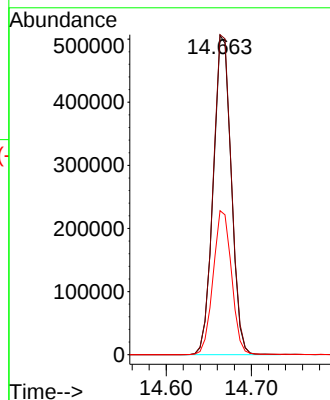
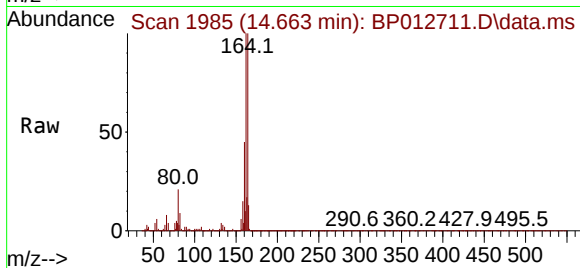
Tgt Ion:164 Resp: 739449

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 45.1 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 131.722 ng

RT: 16.151 min Scan# 2238

Delta R.T. -0.006 min

Lab File: BP012711.D

Acq: 23 Nov 2022 15:31

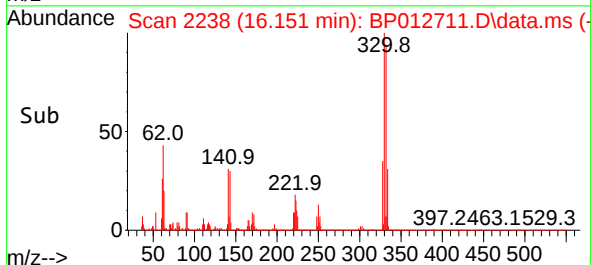
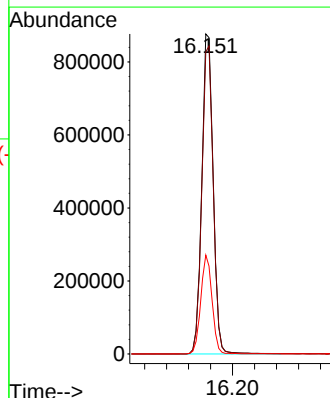
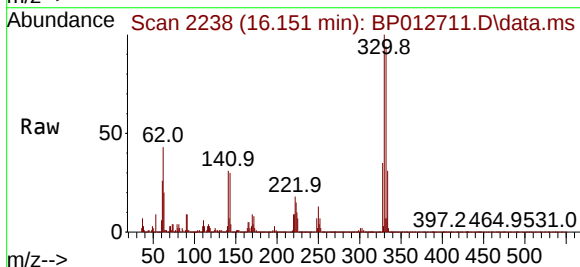
Tgt Ion:330 Resp: 1260270

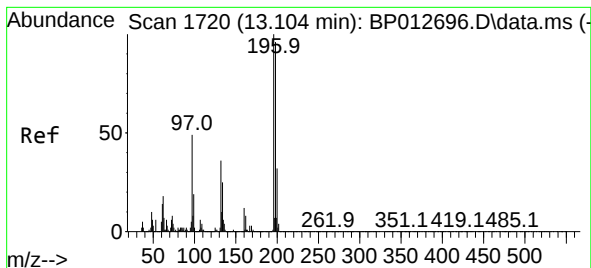
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 30.7 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.186 ng

RT: 13.063 min Scan# 11

Delta R.T. -0.041 min

Lab File: BP012711.D

Acq: 23 Nov 2022 15:31

Instrument :

BNA_P

ClientSampleId :

MH-12

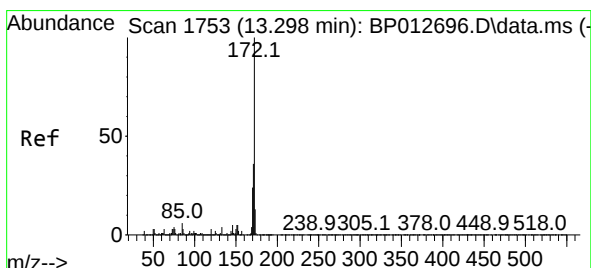
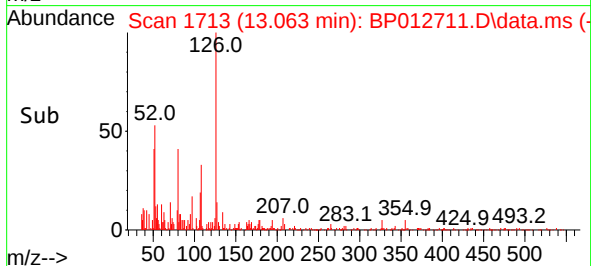
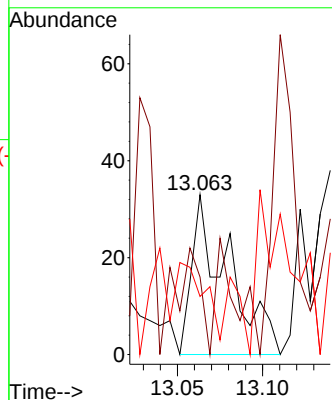
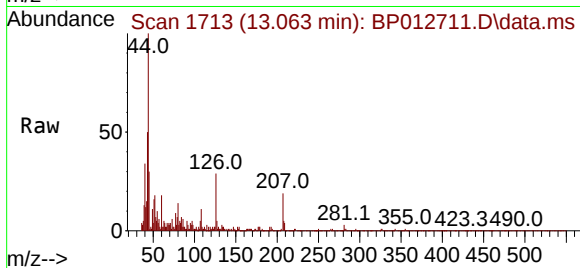
Tgt Ion:196 Resp: 49

Ion Ratio Lower Upper

196 100

198 48.5 76.6 115.0#

200 84.8 25.2 37.8#



#45

2-Fluorobiphenyl

Concen: 94.258 ng

RT: 13.293 min Scan# 1752

Delta R.T. -0.005 min

Lab File: BP012711.D

Acq: 23 Nov 2022 15:31

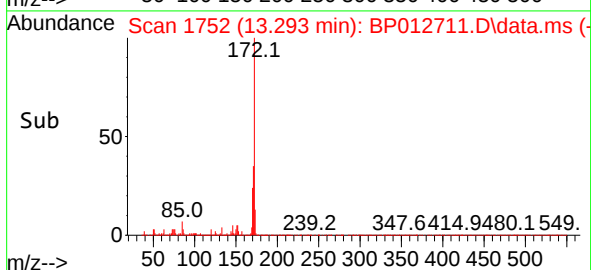
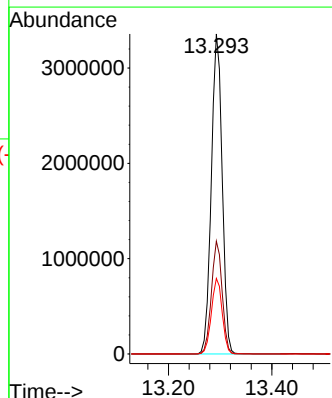
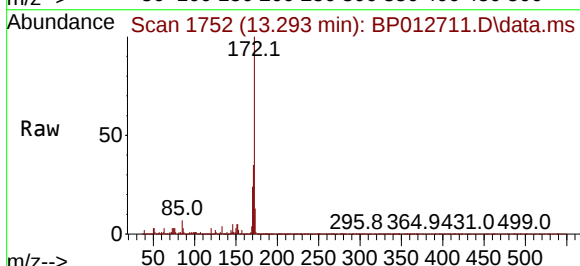
Tgt Ion:172 Resp: 4892318

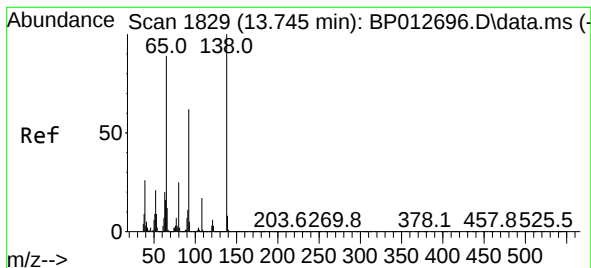
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.1 28.7





#48

2-Nitroaniline

Concen: 4.817 ng

RT: 13.751 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BP012711.D

Acq: 23 Nov 2022 15:31

Instrument :

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ClientSampleId :

MH-12

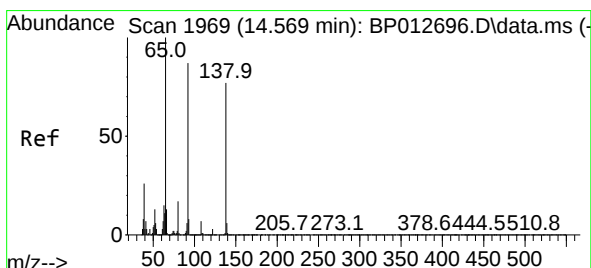
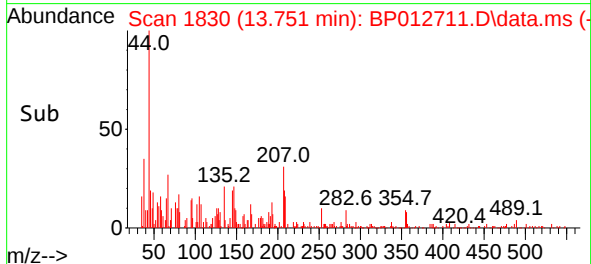
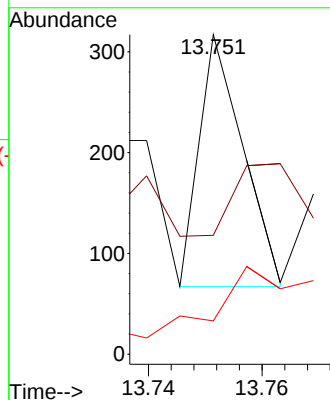
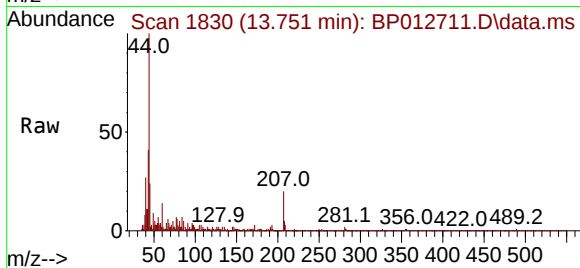
Tgt Ion: 65 Resp: 134

Ion Ratio Lower Upper

65 100

92 37.2 55.4 83.2#

138 10.4 89.5 134.3#



#53

3-Nitroaniline

Concen: 3.683 ng

RT: 14.563 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BP012711.D

Acq: 23 Nov 2022 15:31

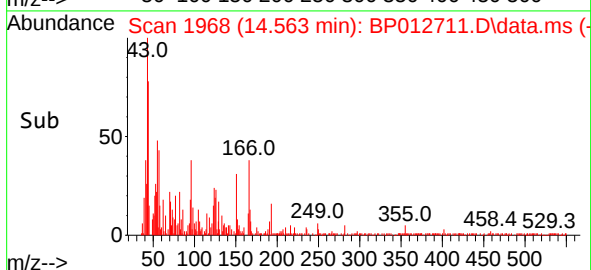
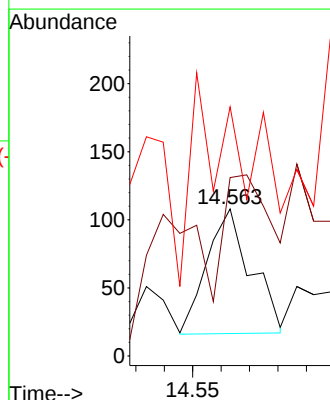
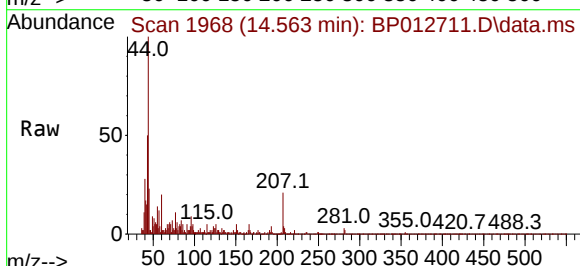
Tgt Ion: 138 Resp: 99

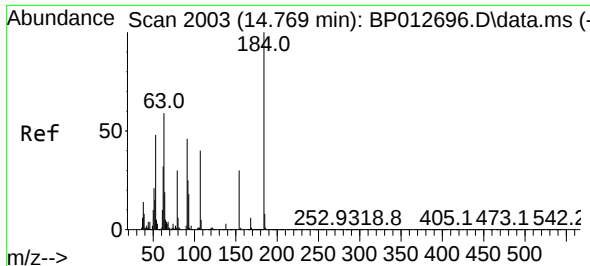
Ion Ratio Lower Upper

138 100

108 86.2 7.4 11.2#

92 120.4 91.3 136.9

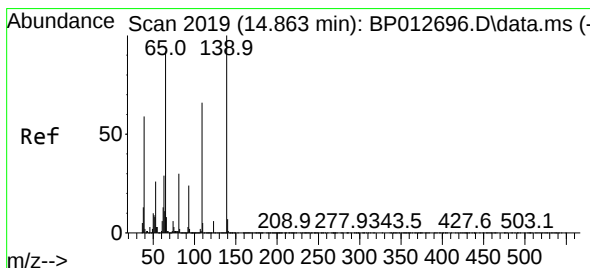
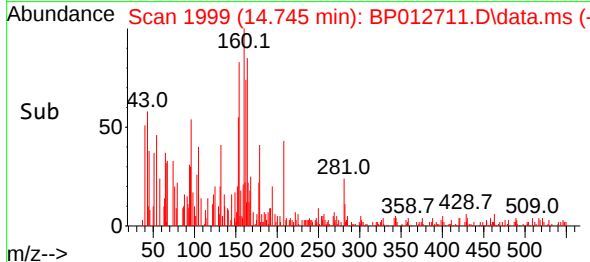
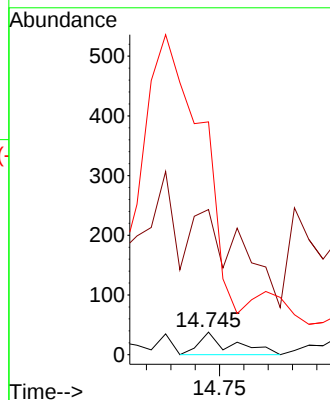
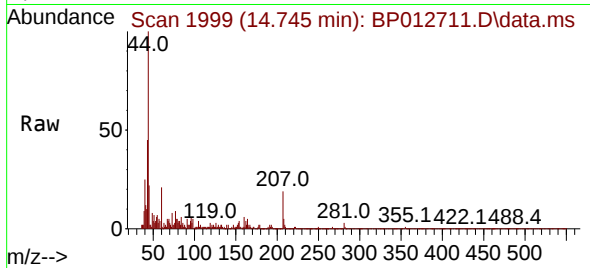




#54
2,4-Dinitrophenol
Concen: 3.030 ng
RT: 14.745 min Scan# 1999
Delta R.T. -0.024 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

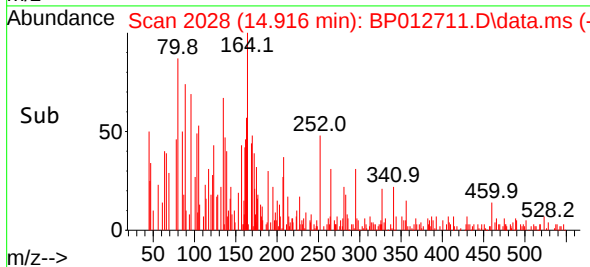
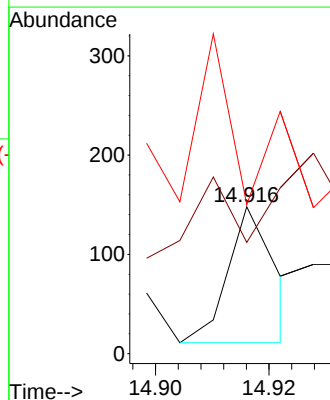
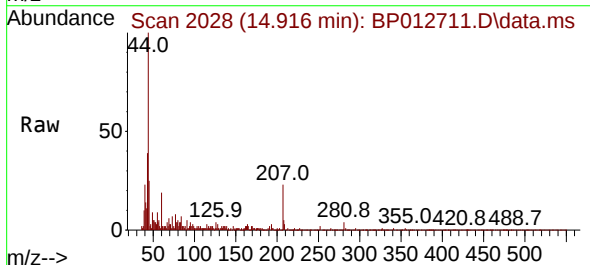
Instrument :
BNA_P
ClientSampleId :
MH-12

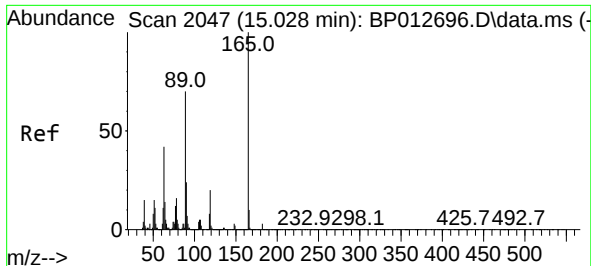
Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 639.5 50.0 75.0#
154 1026.3 45.5 68.3#



#56
4-Nitrophenol
Concen: 5.706 ng
RT: 14.916 min Scan# 2028
Delta R.T. 0.053 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion:139 Resp: 80
Ion Ratio Lower Upper
139 100
109 67.9 46.1 86.1
65 90.9 72.5 112.5

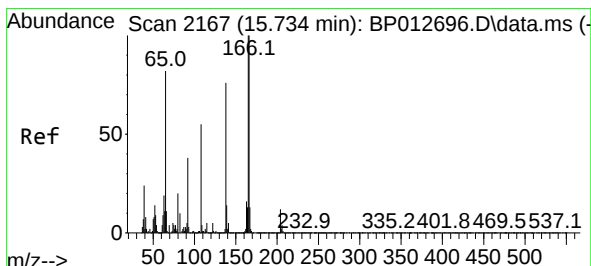
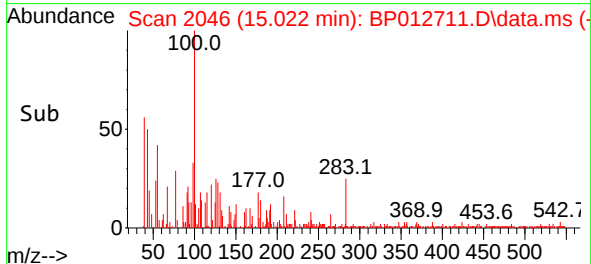
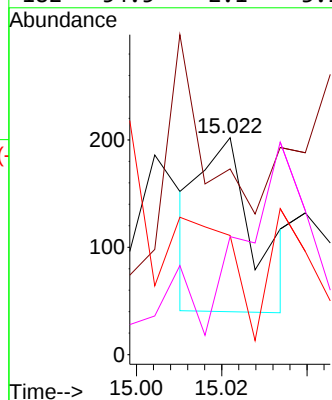
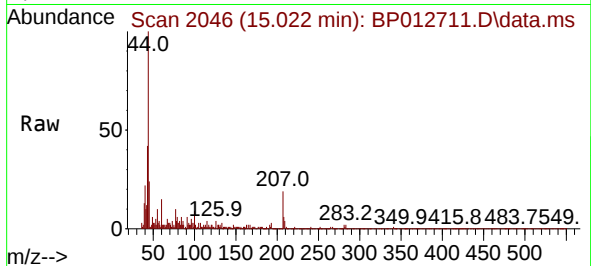




#57
2,4-Dinitrotoluene
Concen: 3.561 ng
RT: 15.022 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

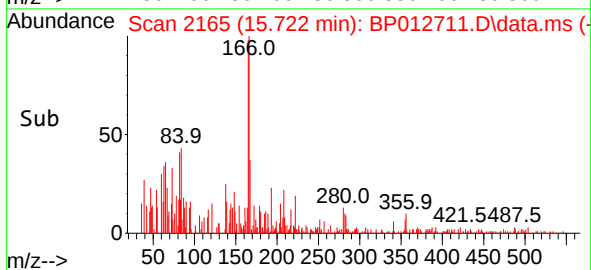
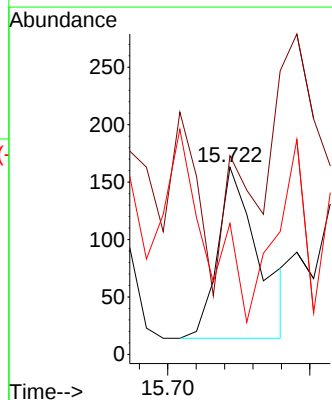
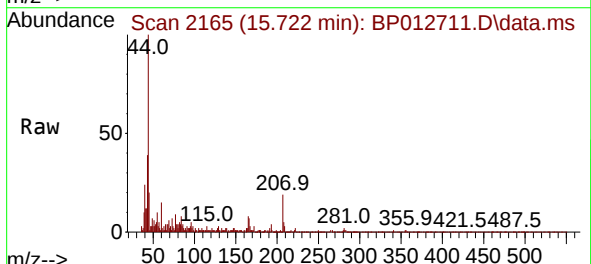
Instrument :
BNA_P
ClientSampleId :
MH-12

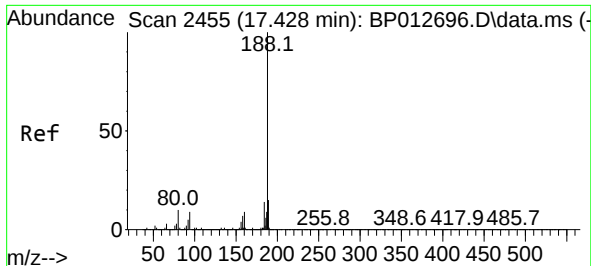
Tgt Ion:165 Resp: 145
Ion Ratio Lower Upper
165 100
63 85.6 33.7 50.5#
89 55.0 56.3 84.5#
182 54.5 2.1 3.1#



#62
4-Nitroaniline
Concen: 4.618 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.012 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion:138 Resp: 150
Ion Ratio Lower Upper
138 100
92 106.1 29.6 69.6#
108 69.9 51.4 91.4

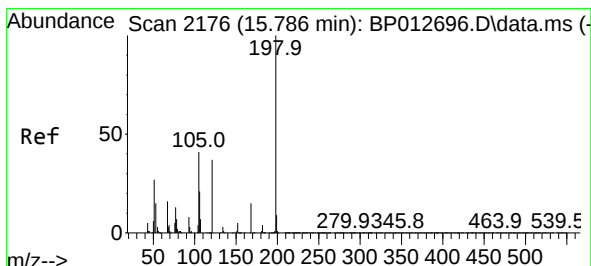
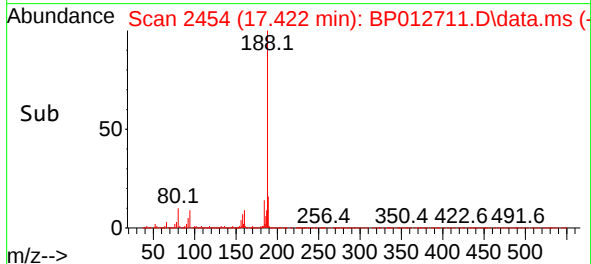
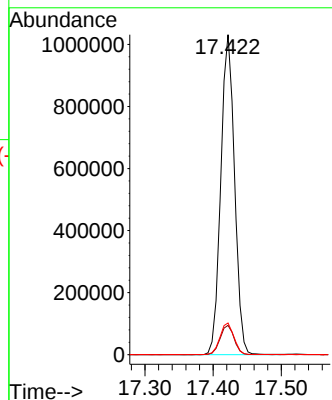
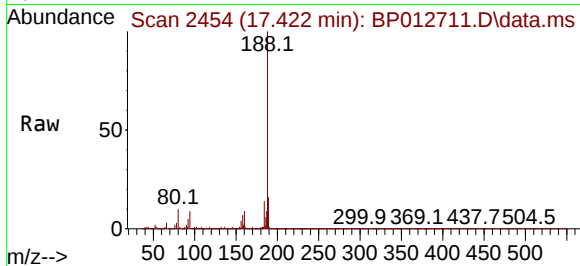




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

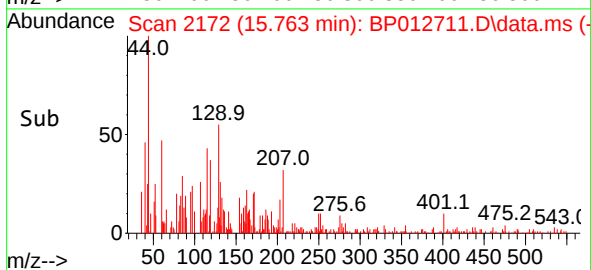
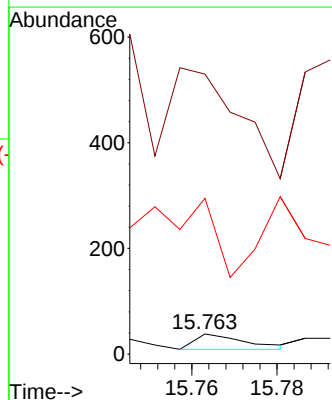
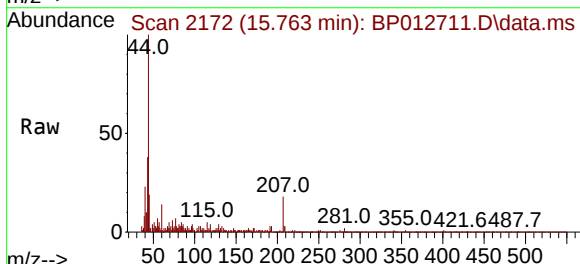
Instrument :
BNA_P
ClientSampleId :
MH-12

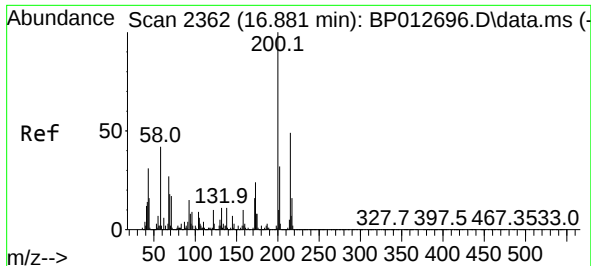
Tgt Ion:188 Resp: 1448925
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.9 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 3.687 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.023 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 1394.7 25.7 65.7#
105 776.3 22.8 62.8#

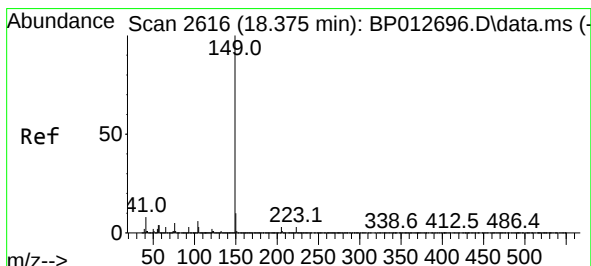
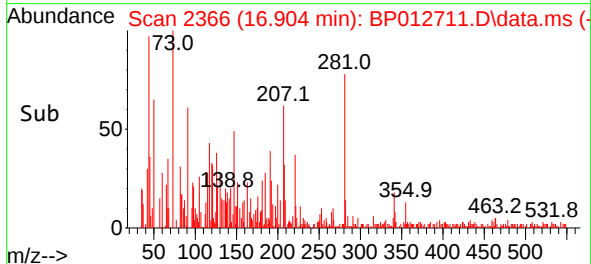
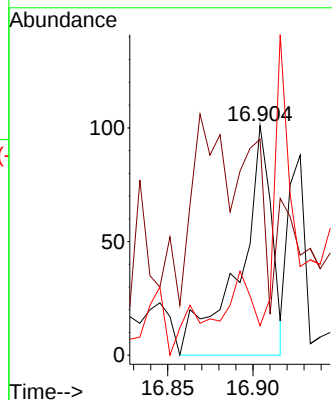
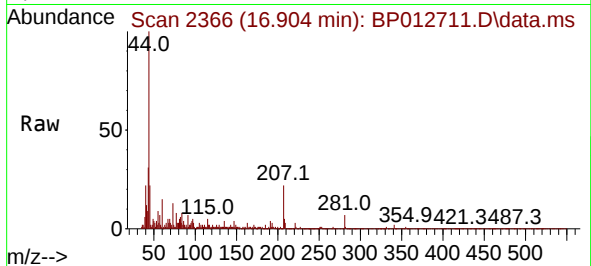




#69
Atrazine
Concen: 4.036 ng
RT: 16.904 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

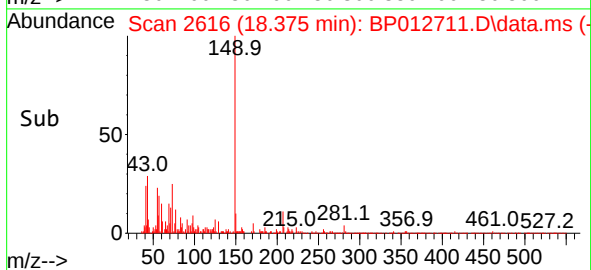
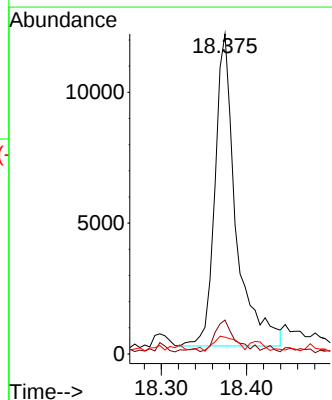
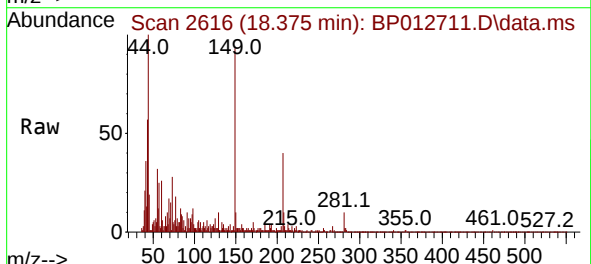
Instrument :
BNA_P
ClientSampleId :
MH-12

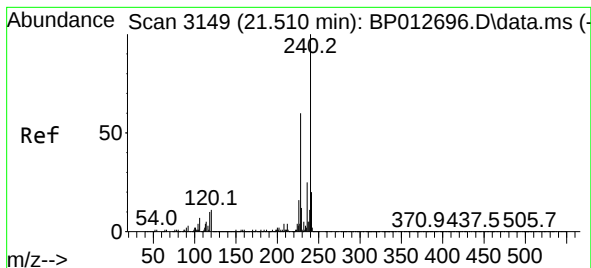
Tgt Ion:200 Resp: 132
Ion Ratio Lower Upper
200 100
173 108.9 4.3 44.3#
215 26.7 29.5 69.5#



#74
Di-n-butylphthalate
Concen: 5.941 ng
RT: 18.375 min Scan# 2616
Delta R.T. -0.000 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion:149 Resp: 20483
Ion Ratio Lower Upper
149 100
150 10.6 7.7 11.5
104 5.3 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: BP012711.D

Acq: 23 Nov 2022 15:31

Instrument :

BNA_P

ClientSampleId :

MH-12

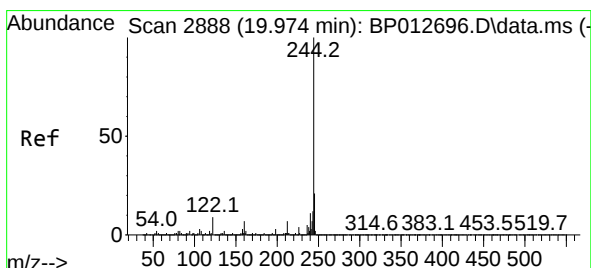
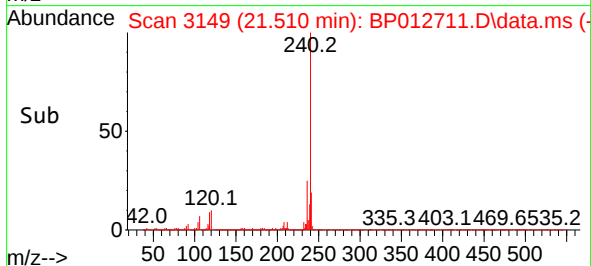
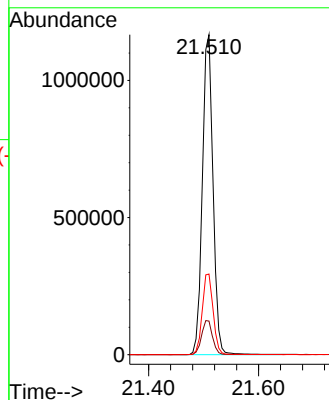
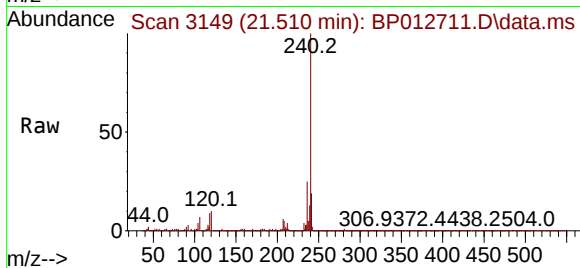
Tgt Ion:240 Resp: 1573048

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.2 20.4 30.6



#79

Terphenyl-d14

Concen: 102.406 ng

RT: 19.969 min Scan# 2887

Delta R.T. -0.006 min

Lab File: BP012711.D

Acq: 23 Nov 2022 15:31

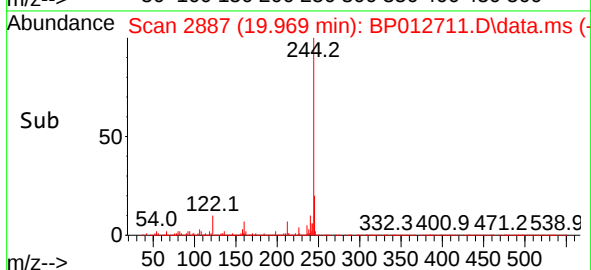
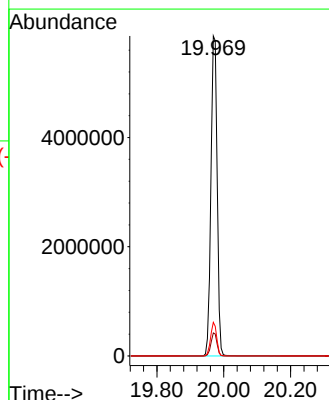
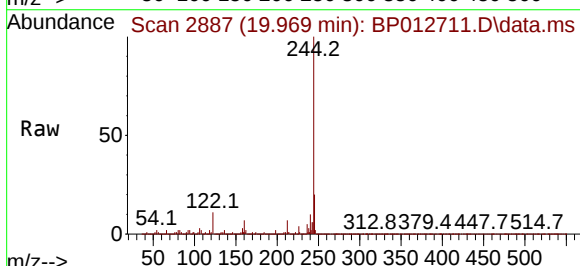
Tgt Ion:244 Resp: 7579358

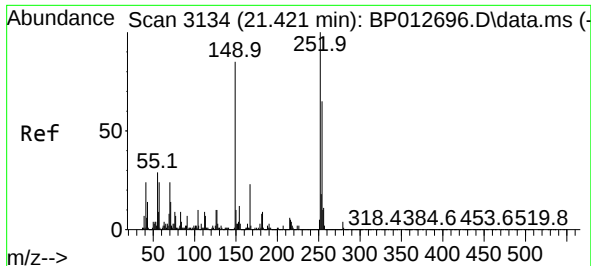
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.5 6.9 10.3#

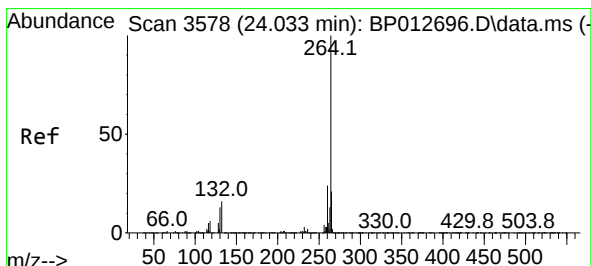
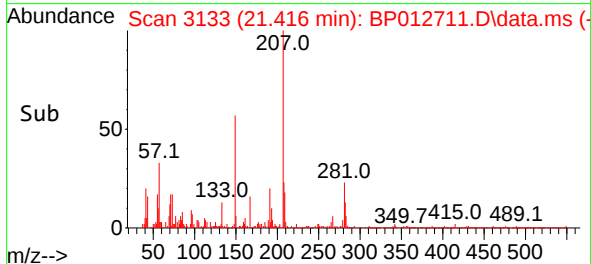
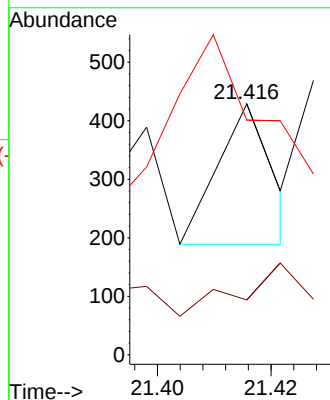
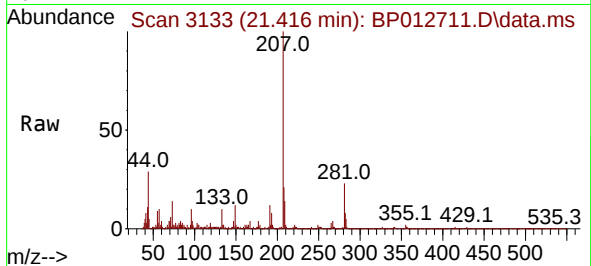




#82
3,3'-Dichlorobenzidine
Concen: 8.622 ng
RT: 21.416 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BP012711.D
Acq: 23 Nov 2022 15:31

Instrument :
BNA_P
ClientSampleId :
MH-12

Tgt Ion:252 Resp: 159
Ion Ratio Lower Upper
252 100
254 21.9 51.7 77.5#
126 93.5 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: BP012711.D
Acq: 23 Nov 2022 15:31

Tgt Ion:264 Resp: 1727891
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.6 17.1 25.7

