

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012720.D
 Acq On : 23 Nov 2022 20:40
 Operator : CG/JU
 Sample : N5765-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-L

Quant Time: Nov 24 02:34:13 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)

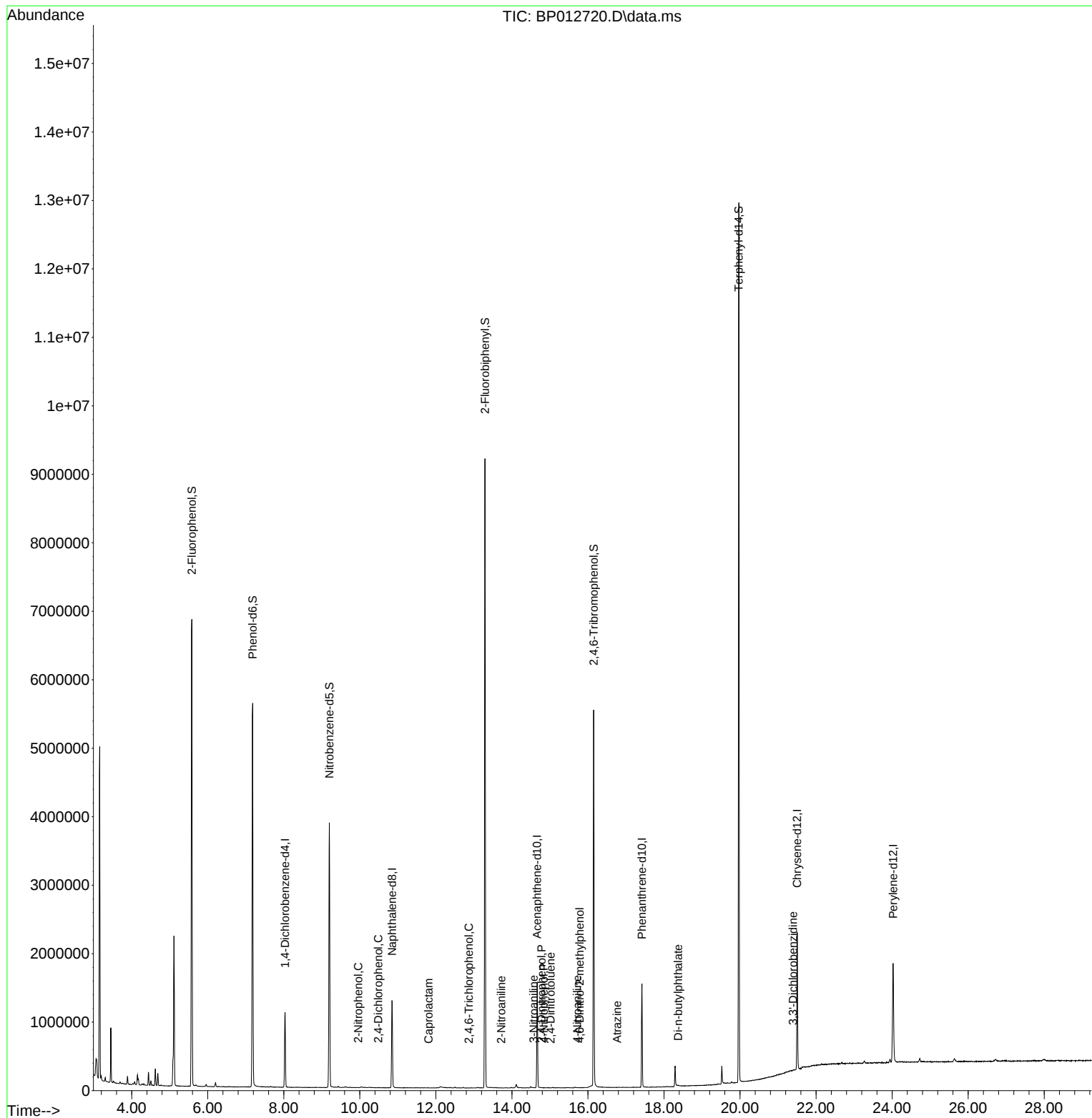
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	299622	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	1075480	20.000	ng	0.00
39) Acenaphthene-d10	14.663	164	522040	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	912867	20.000	ng	0.00
76) Chrysene-d12	21.504	240	962472	20.000	ng	0.00
86) Perylene-d12	24.027	264	1117978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	3063831	221.532	ng	0.00
7) Phenol-d6	7.181	99	3388205	170.826	ng	0.00
23) Nitrobenzene-d5	9.199	82	2088820	108.319	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	1024561	149.744	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	4724966	128.945	ng	0.00
79) Terphenyl-d14	19.969	244	5969998	131.832	ng	0.00
Target Compounds						
9) Benzaldehyde	7.181	77	5938	Below Cal	#	5
26) 2-Nitrophenol	9.963	139	20	4.411 ng	#	1
29) 2,4-Dichlorophenol	10.487	162	36	2.207 ng	#	1
32) Benzoic acid	10.157	122	966	Below Cal	#	28
35) Caprolactam	11.810	113	241	2.807 ng	#	15
43) 2,4,6-Trichlorophenol	12.869	196	5	4.183 ng	#	91
48) 2-Nitroaniline	13.722	65	86	4.816 ng	#	16
53) 3-Nitroaniline	14.575	138	85	3.685 ng	#	42
54) 2,4-Dinitrophenol	14.781	184	13	3.025 ng	#	1
56) 4-Nitrophenol	14.834	139	21	5.702 ng	#	1
57) 2,4-Dinitrotoluene	15.022	165	178	3.567 ng	#	94
62) 4-Nitroaniline	15.722	138	35	4.611 ng	#	62
65) 4,6-Dinitro-2-methylph...	15.786	198	35	3.693 ng	#	1
69) Atrazine	16.769	200	15	4.028 ng	#	75
74) Di-n-butylphthalate	18.369	149	4625	5.787 ng	#	97
80) Butylbenzylphthalate	20.657	149	259	Below Cal	#	88
82) 3,3'-Dichlorobenzidine	21.398	252	127	8.623 ng	#	43
84) Bis(2-ethylhexyl)phtha...	21.410	149	3107	Below Cal	#	78
85) Di-n-octyl phthalate	22.380	149	1607	Below Cal	#	63

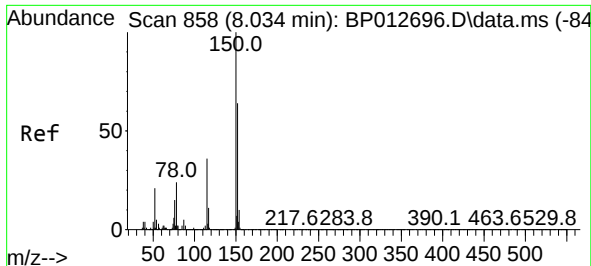
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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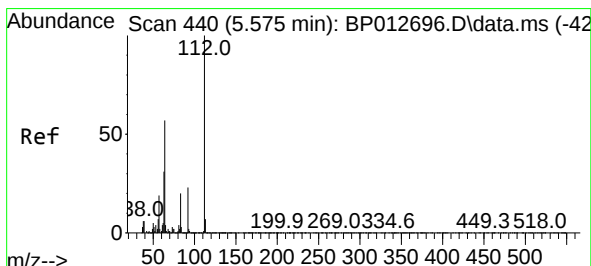
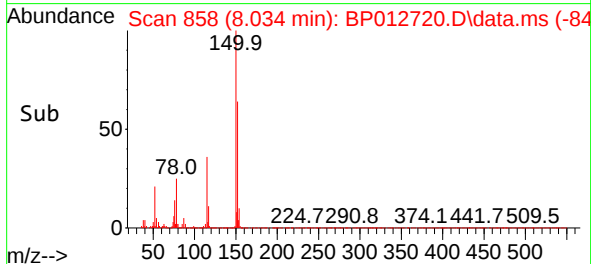
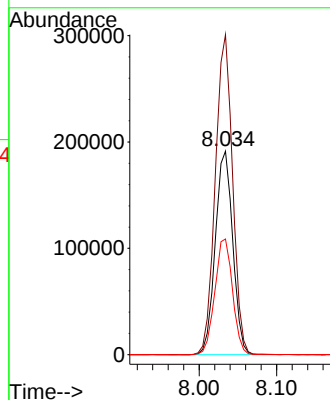
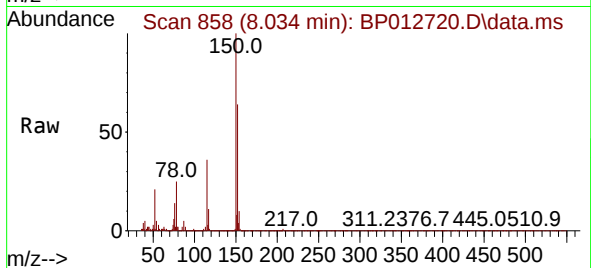




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

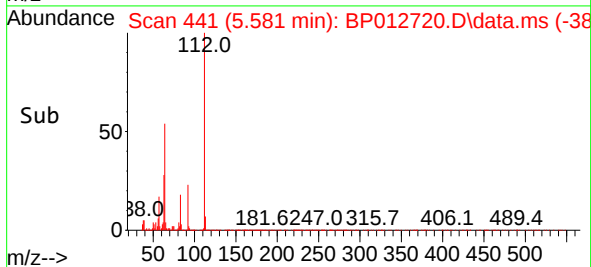
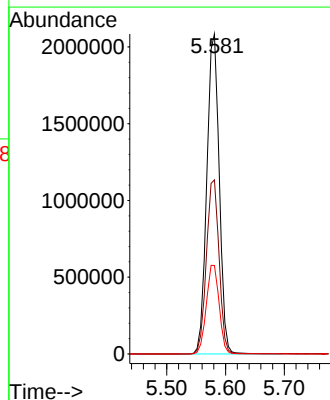
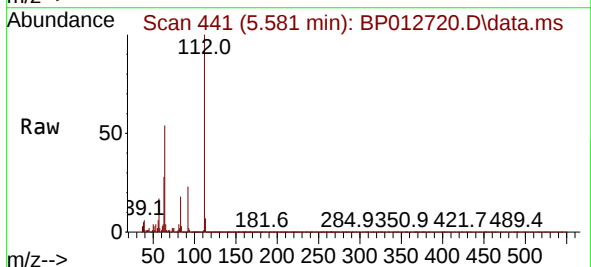
Instrument :
BNA_P
ClientSampleId :
TP-L

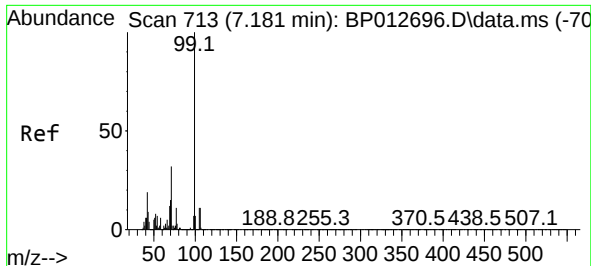
Tgt Ion:152 Resp: 299622
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 56.9 44.9 67.3



#5
2-Fluorophenol
Concen: 221.532 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion:112 Resp: 3063831
Ion Ratio Lower Upper
112 100
64 54.4 45.4 68.0
63 27.6 24.6 37.0

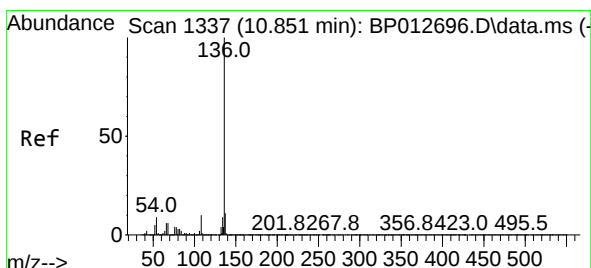
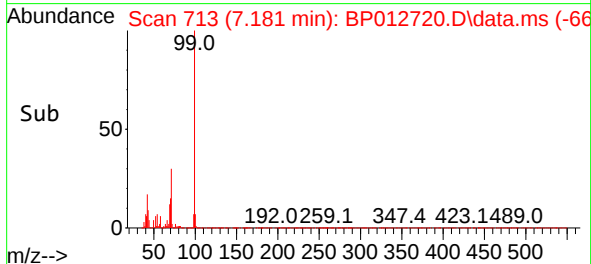
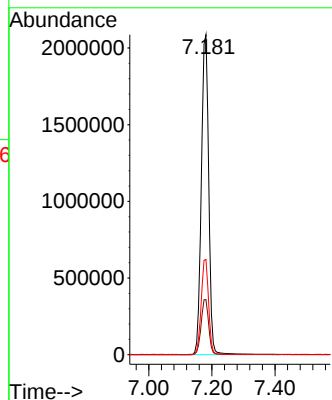
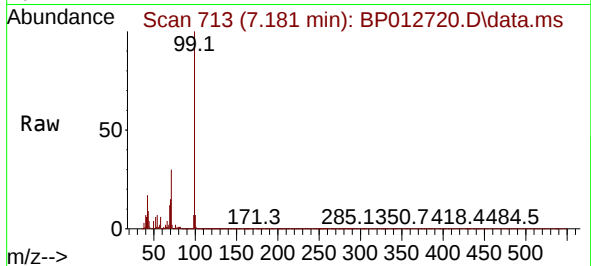




#7
Phenol-d6
Concen: 170.826 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

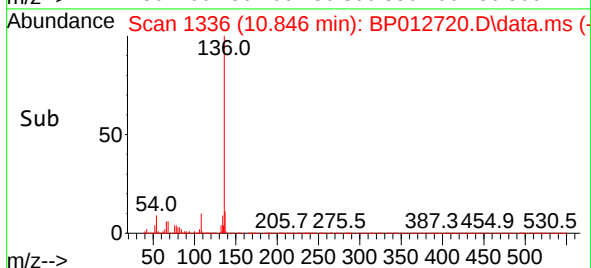
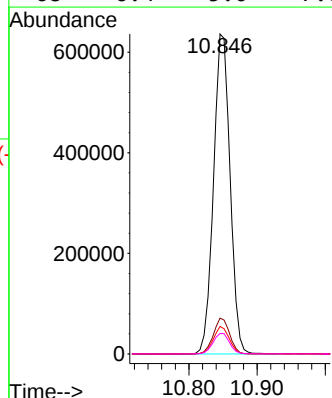
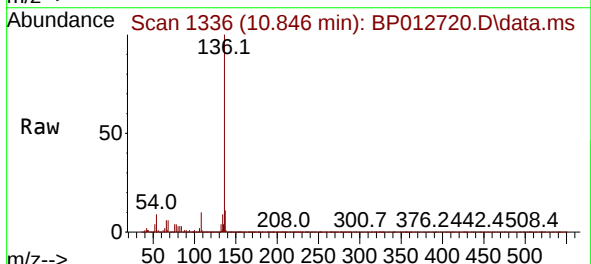
Instrument :
BNA_P
ClientSampleId :
TP-L

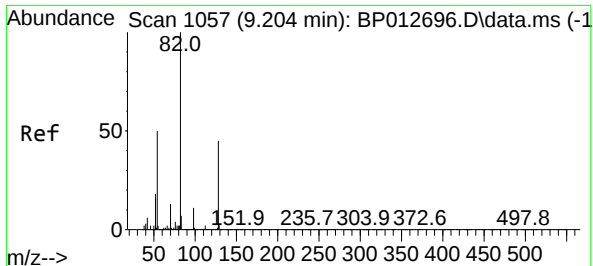
Tgt Ion: 99 Resp: 3388205
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.6
71 29.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion:136 Resp: 1075480
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.6 6.9 10.3
68 6.4 5.0 7.6

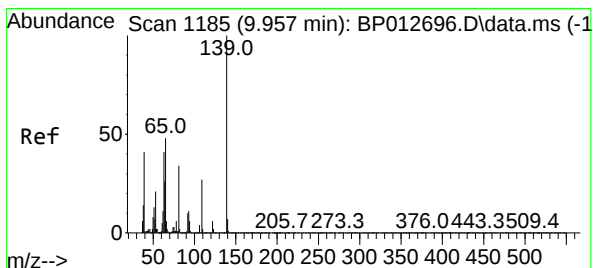
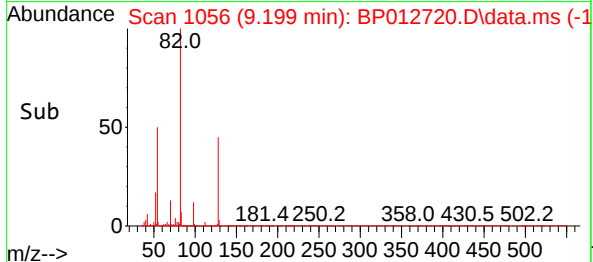
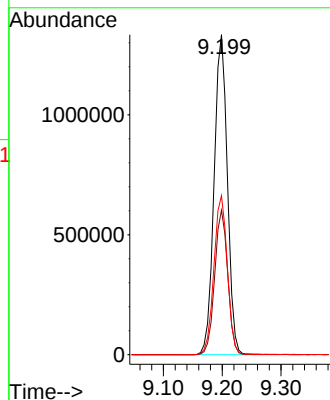
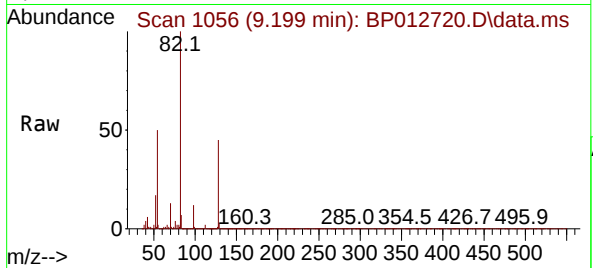




#23
Nitrobenzene-d5
Concen: 108.319 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

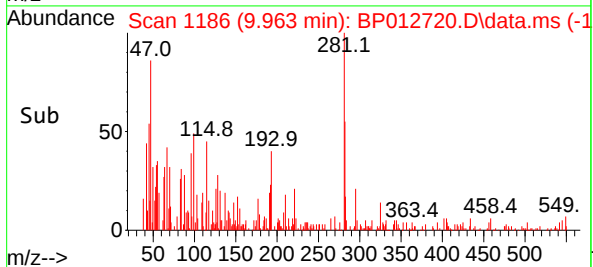
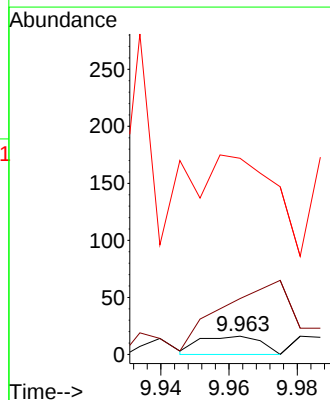
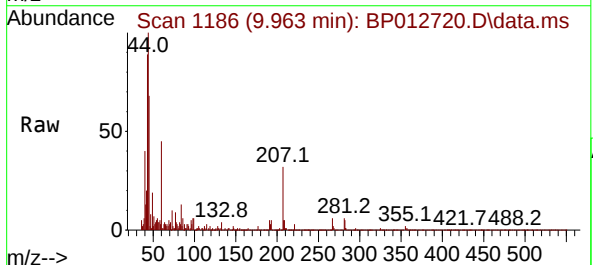
Instrument :
BNA_P
ClientSampleId :
TP-L

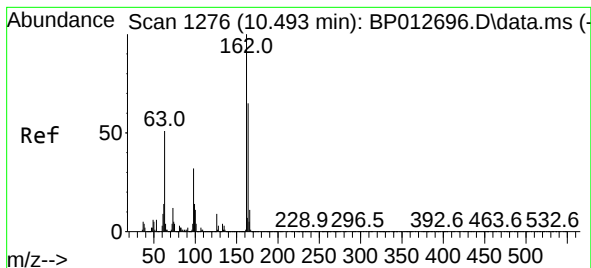
Tgt Ion: 82 Resp: 2088820
Ion Ratio Lower Upper
82 100
128 45.1 35.6 53.4
54 49.7 40.3 60.5



#26
2-Nitrophenol
Concen: 4.411 ng
RT: 9.963 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 306.3 21.5 32.3#
65 1075.0 38.3 57.5#





#29

2,4-Dichlorophenol

Concen: 2.207 ng

RT: 10.487 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012720.D

Acq: 23 Nov 2022 20:40

Instrument :

BNA_P

ClientSampleId :

TP-L

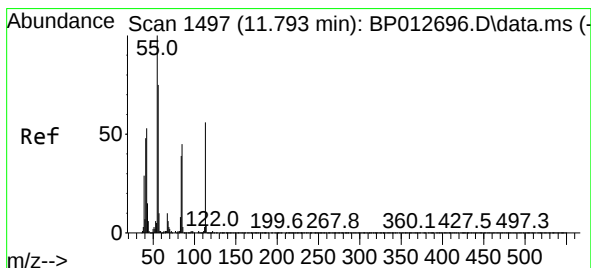
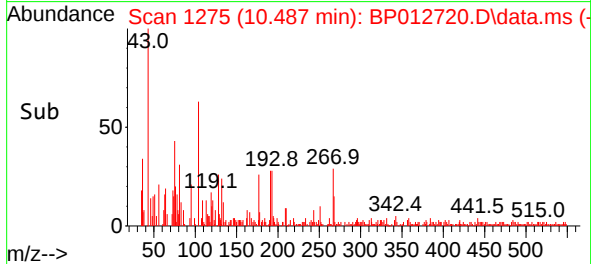
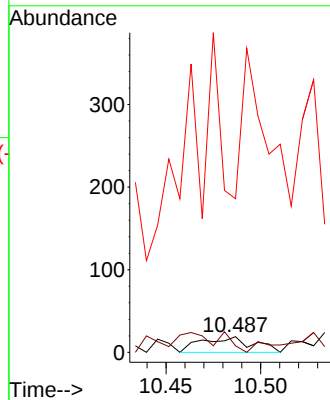
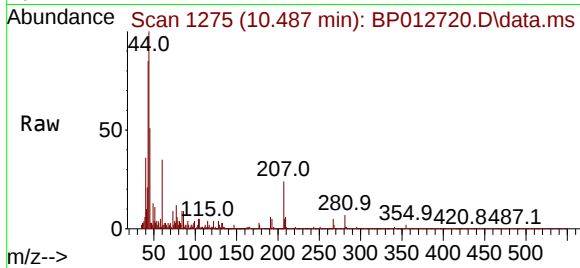
Tgt Ion:162 Resp: 36

Ion Ratio Lower Upper

162 100

164 58.7 44.9 84.9

98 248.0 12.5 52.5#



#35

Caprolactam

Concen: 2.807 ng

RT: 11.810 min Scan# 1500

Delta R.T. 0.017 min

Lab File: BP012720.D

Acq: 23 Nov 2022 20:40

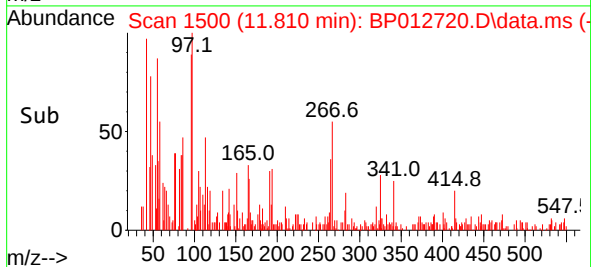
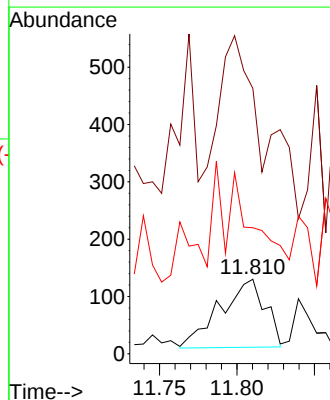
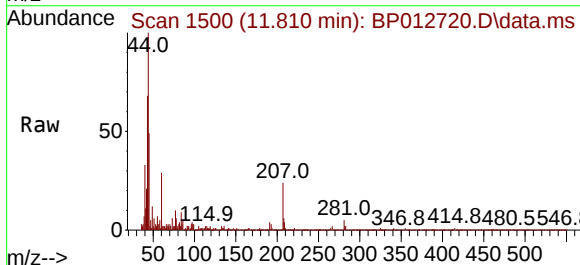
Tgt Ion:113 Resp: 241

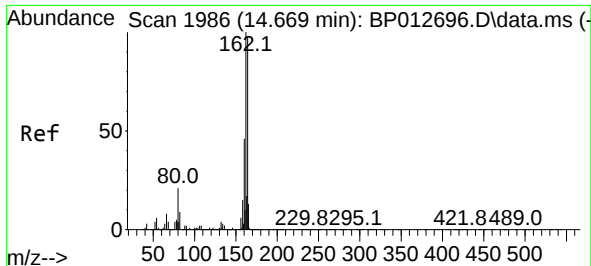
Ion Ratio Lower Upper

113 100

55 356.2 158.0 198.0#

56 169.2 114.1 154.1#

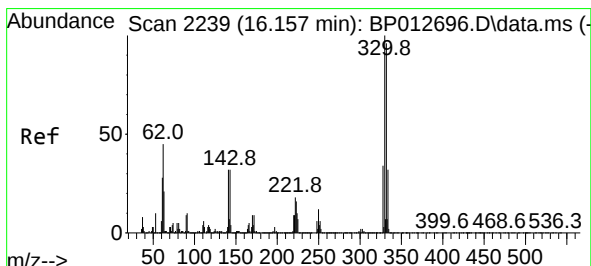
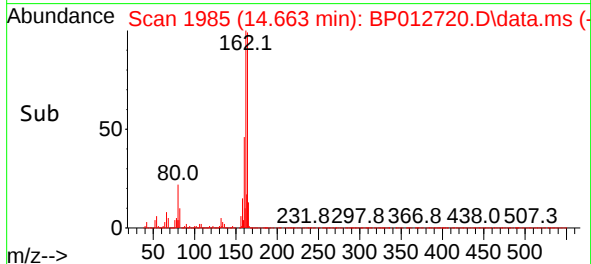
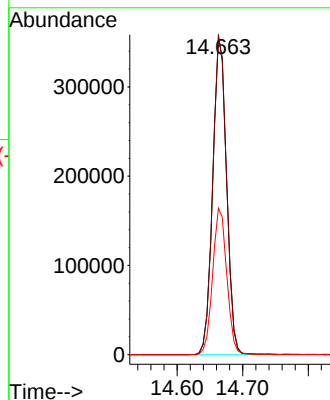
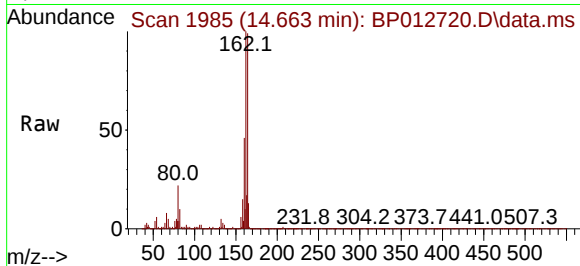




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

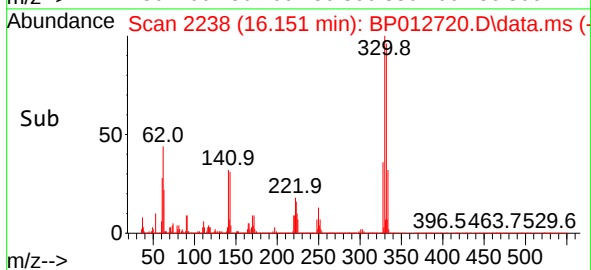
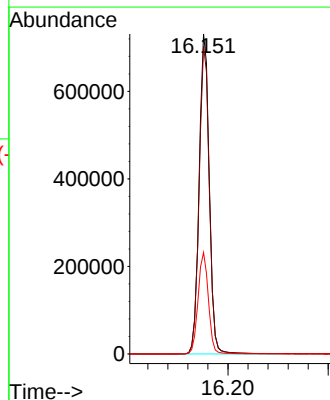
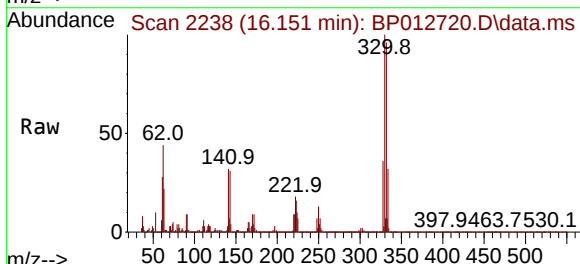
Instrument :
BNA_P
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TP-L

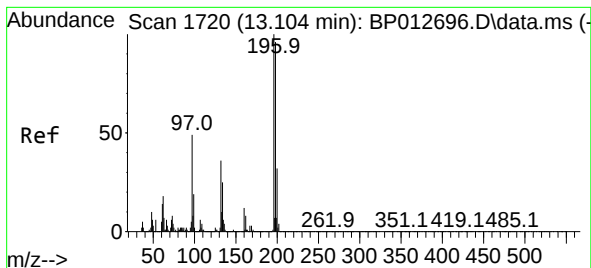
Tgt Ion:164 Resp: 522040
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 46.2 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 149.744 ng
RT: 16.151 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion:330 Resp: 1024561
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 32.2 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.183 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.235 min

Lab File: BP012720.D

Acq: 23 Nov 2022 20:40

Instrument :

BNA_P

ClientSampleId :

TP-L

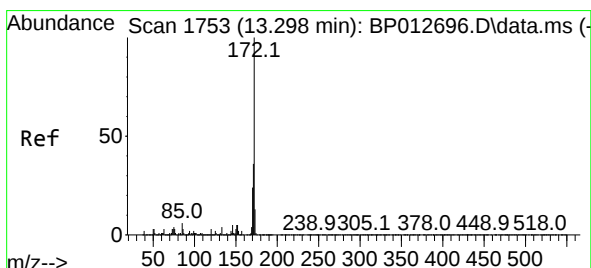
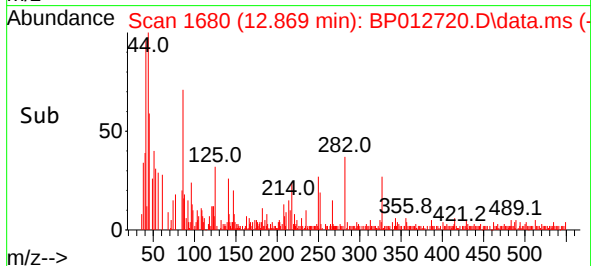
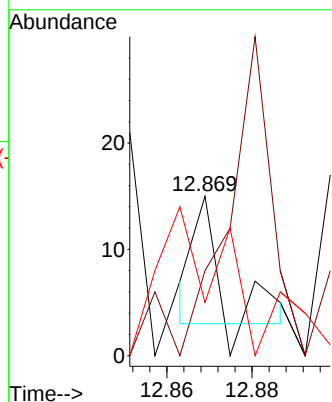
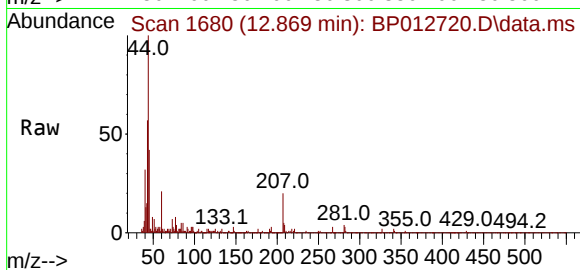
Tgt Ion:196 Resp: 5

Ion Ratio Lower Upper

196 100

198 106.7 76.6 115.0

200 33.3 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 128.945 ng

RT: 13.292 min Scan# 1752

Delta R.T. -0.006 min

Lab File: BP012720.D

Acq: 23 Nov 2022 20:40

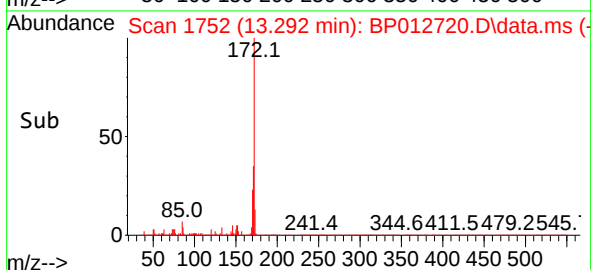
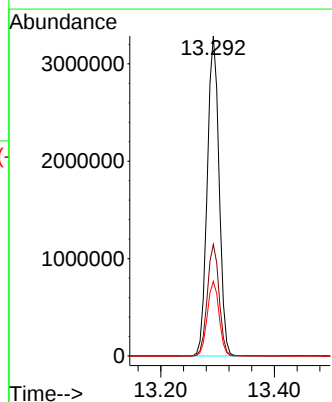
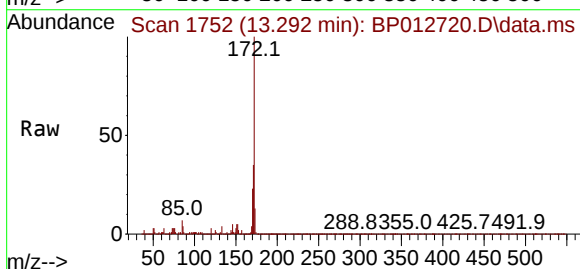
Tgt Ion:172 Resp: 4724966

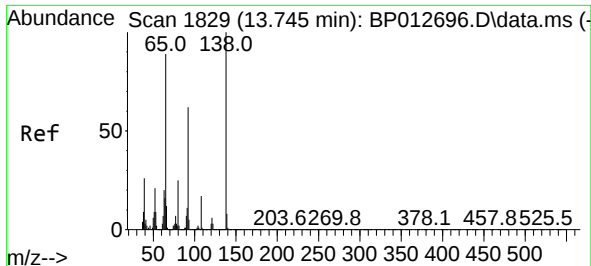
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.3 19.1 28.7

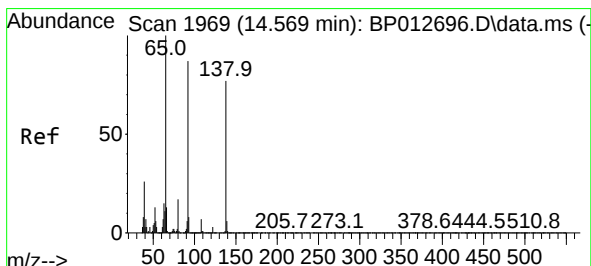
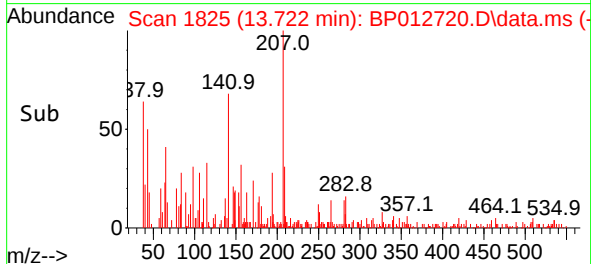
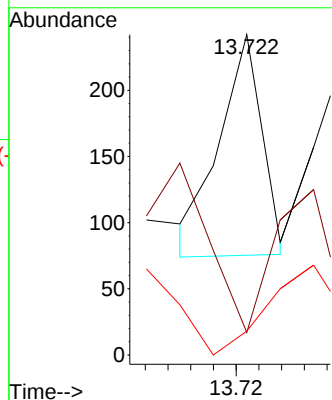
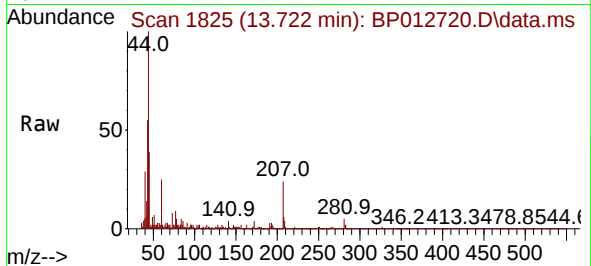




#48
2-Nitroaniline
Concen: 4.816 ng
RT: 13.722 min Scan# 1825
Delta R.T. -0.023 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

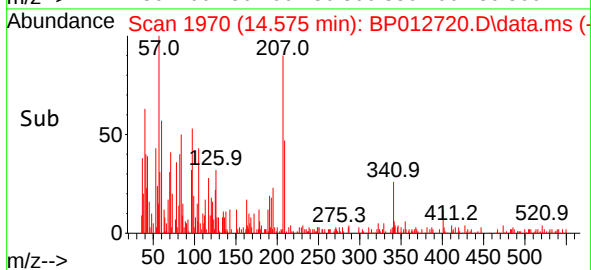
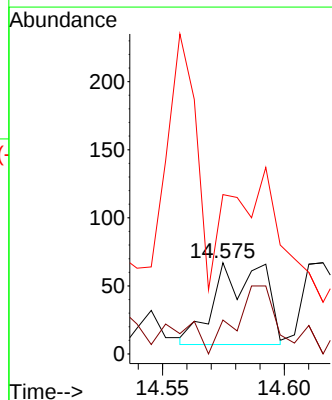
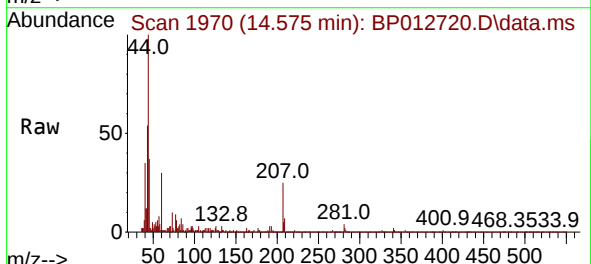
Instrument :
BNA_P
ClientSampleId :
TP-L

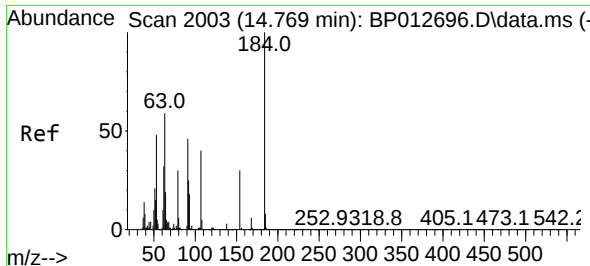
Tgt Ion: 65 Resp: 86
Ion Ratio Lower Upper
65 100
92 19.0 55.4 83.2#
138 7.4 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.685 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion: 138 Resp: 85
Ion Ratio Lower Upper
138 100
108 37.3 7.4 11.2#
92 174.6 91.3 136.9#

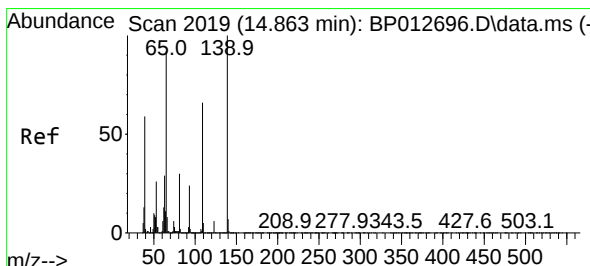
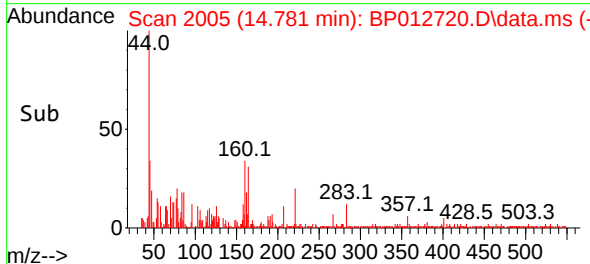
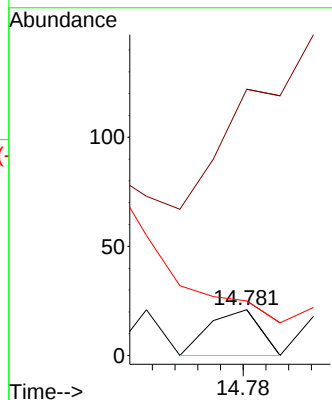
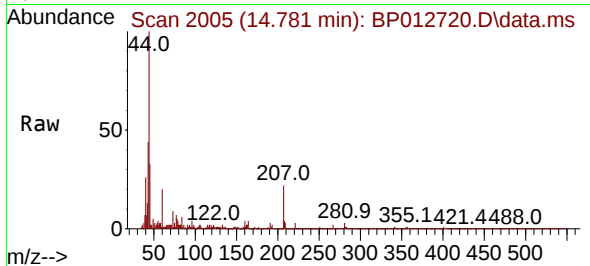




#54
2,4-Dinitrophenol
Concen: 3.025 ng
RT: 14.781 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

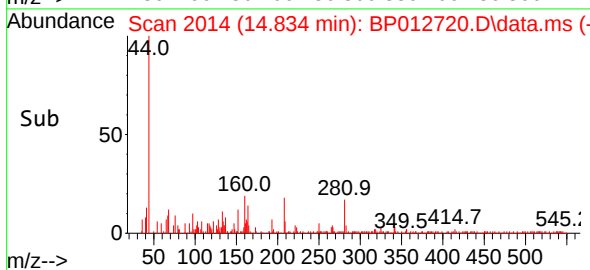
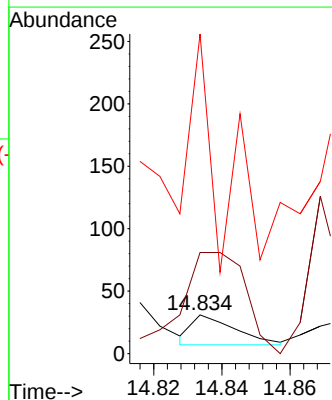
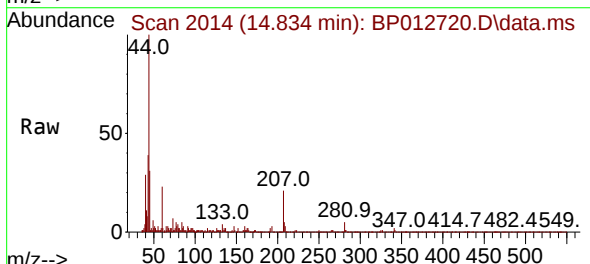
Instrument :
BNA_P
ClientSampleId :
TP-L

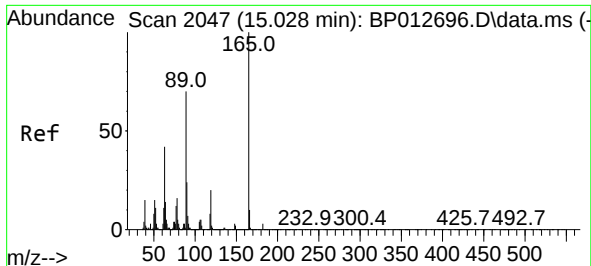
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 581.0 50.0 75.0#
154 119.0 45.5 68.3#



#56
4-Nitrophenol
Concen: 5.702 ng
RT: 14.834 min Scan# 2014
Delta R.T. -0.029 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 296.8 46.1 86.1#
65 825.8 72.5 112.5#

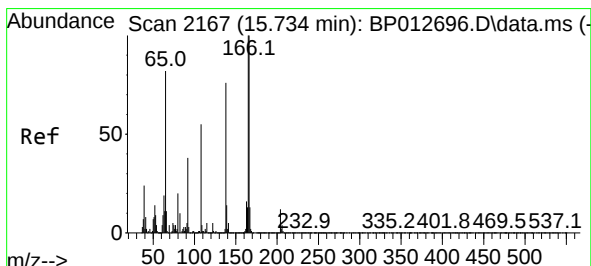
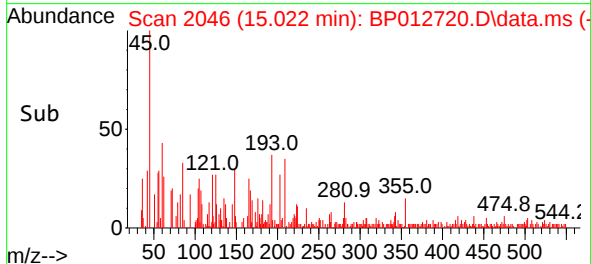
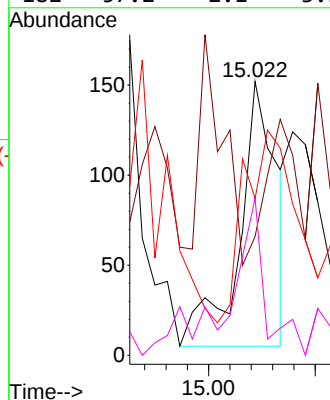
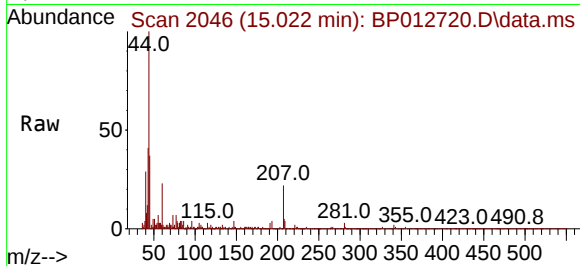




#57
2,4-Dinitrotoluene
Concen: 3.567 ng
RT: 15.022 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

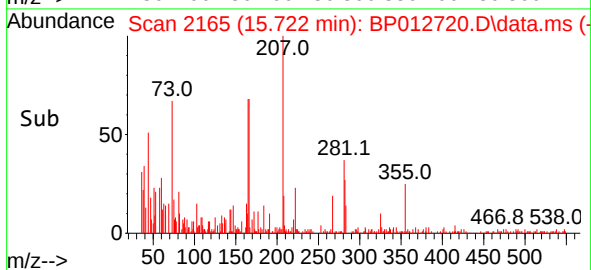
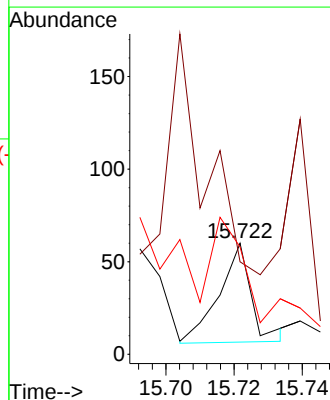
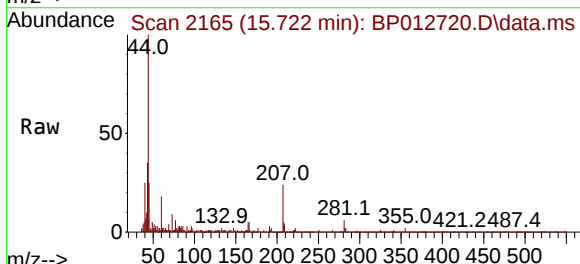
Instrument :
BNA_P
ClientSampleId :
TP-L

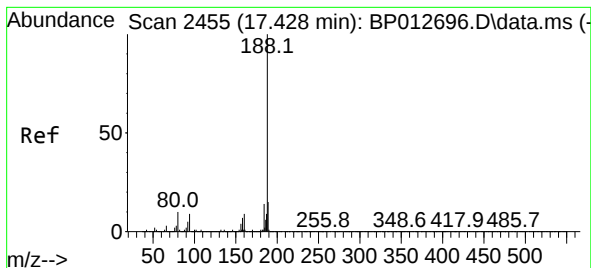
Tgt Ion:165 Resp: 178
Ion Ratio Lower Upper
165 100
63 43.4 33.7 50.5
89 67.8 56.3 84.5
182 57.2 2.1 3.1#



#62
4-Nitroaniline
Concen: 4.611 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.012 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion:138 Resp: 35
Ion Ratio Lower Upper
138 100
92 83.3 29.6 69.6#
108 96.7 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: BP012720.D

Acq: 23 Nov 2022 20:40

Instrument :

BNA_P

ClientSampleId :

TP-L

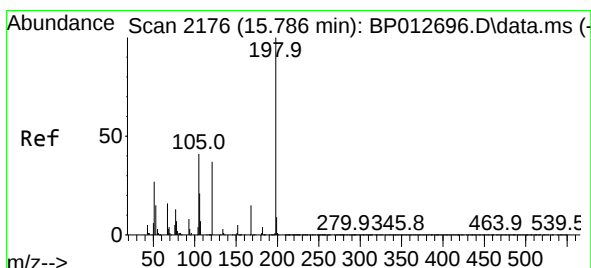
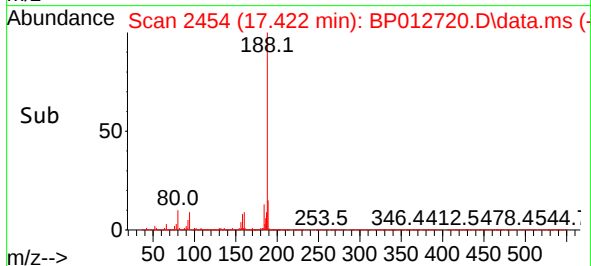
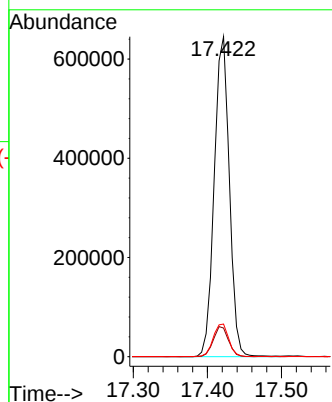
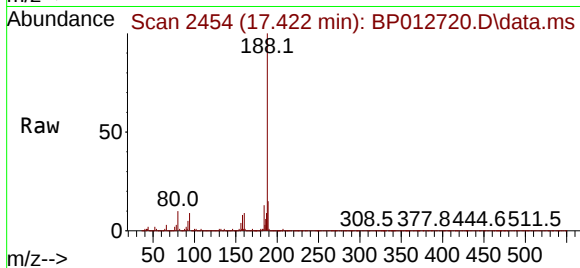
Tgt Ion:188 Resp: 912867

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 10.2 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 3.693 ng

RT: 15.786 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BP012720.D

Acq: 23 Nov 2022 20:40

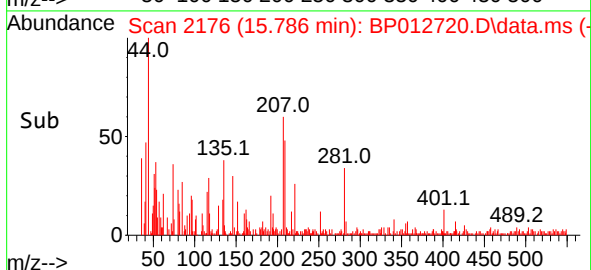
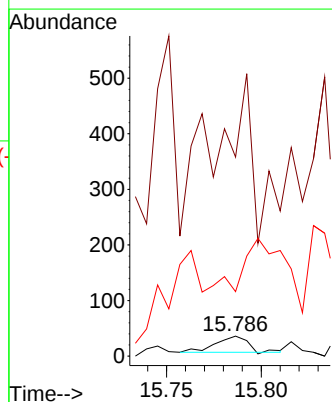
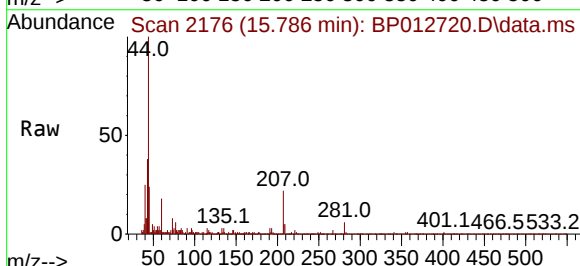
Tgt Ion:198 Resp: 35

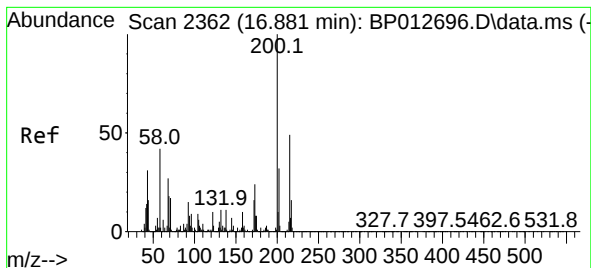
Ion Ratio Lower Upper

198 100

51 994.4 25.7 65.7#

105 363.9 22.8 62.8#





#69

Atrazine

Concen: 4.028 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.112 min

Lab File: BP012720.D

Acq: 23 Nov 2022 20:40

Instrument :

BNA_P

ClientSampleId :

TP-L

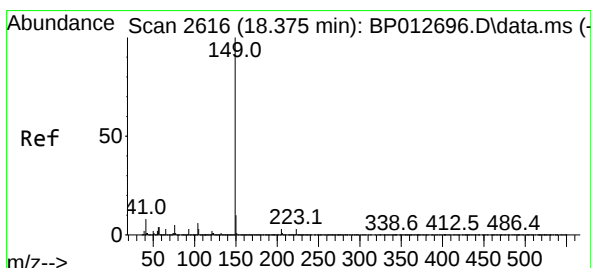
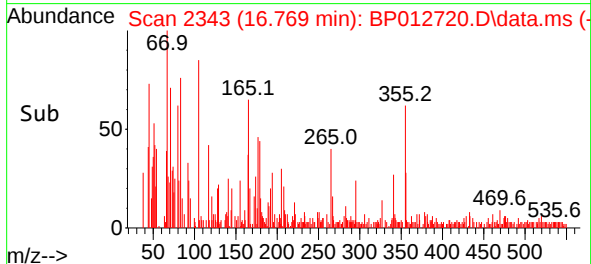
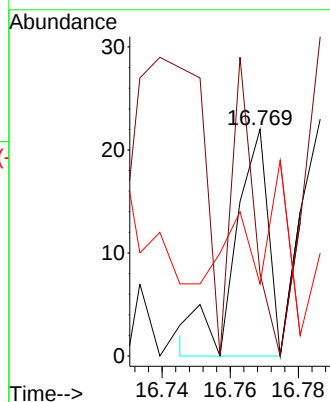
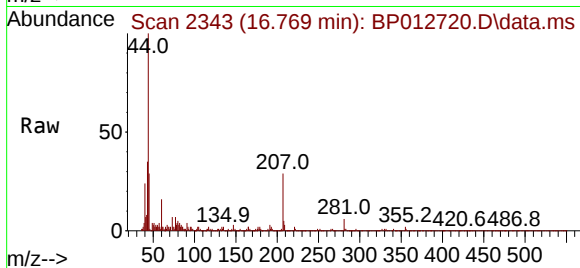
Tgt Ion:200 Resp: 15

Ion Ratio Lower Upper

200 100

173 36.4 4.3 44.3

215 31.8 29.5 69.5



#74

Di-n-butylphthalate

Concen: 5.787 ng

RT: 18.369 min Scan# 2615

Delta R.T. -0.006 min

Lab File: BP012720.D

Acq: 23 Nov 2022 20:40

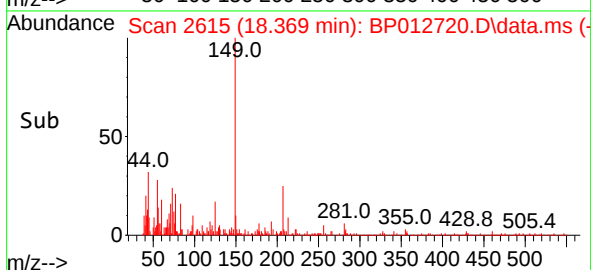
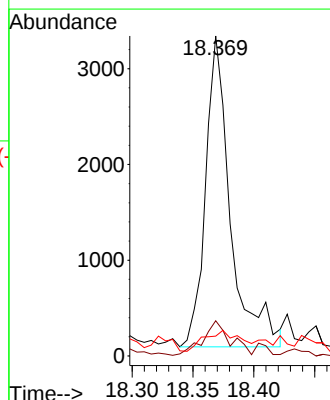
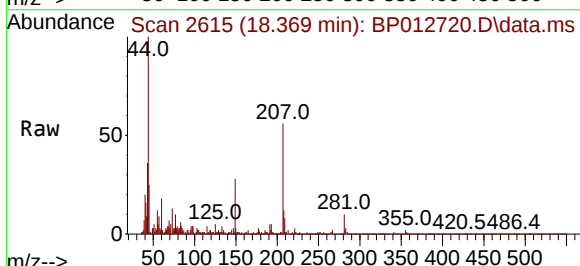
Tgt Ion:149 Resp: 4625

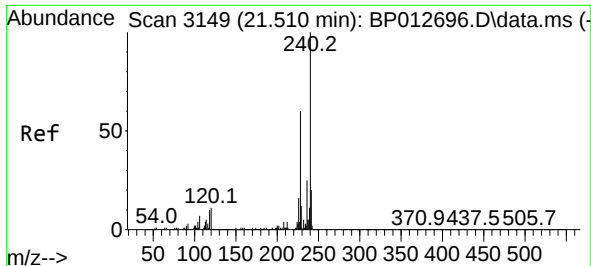
Ion Ratio Lower Upper

149 100

150 11.0 7.7 11.5

104 6.2 4.6 6.8

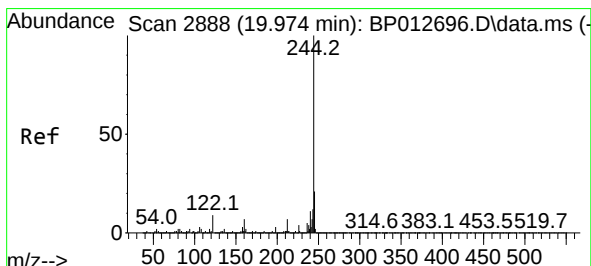
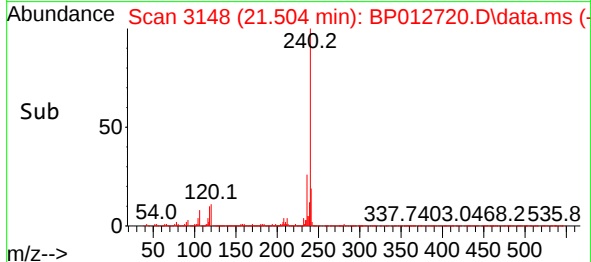
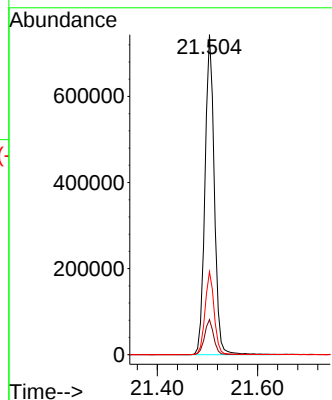
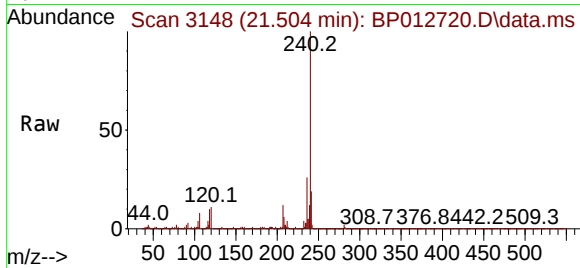




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

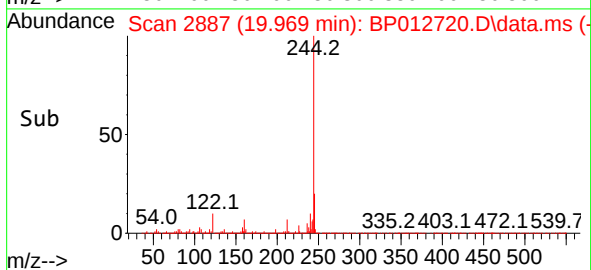
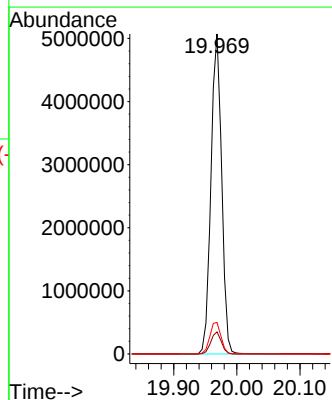
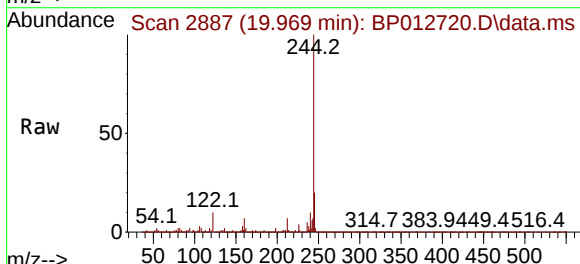
Instrument :
BNA_P
ClientSampleId :
TP-L

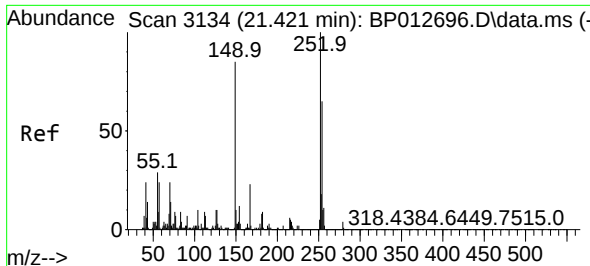
Tgt Ion:240 Resp: 962472
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.9 20.4 30.6



#79
Terphenyl-d14
Concen: 131.832 ng
RT: 19.969 min Scan# 2887
Delta R.T. -0.006 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion:244 Resp: 5969998
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 9.9 6.9 10.3

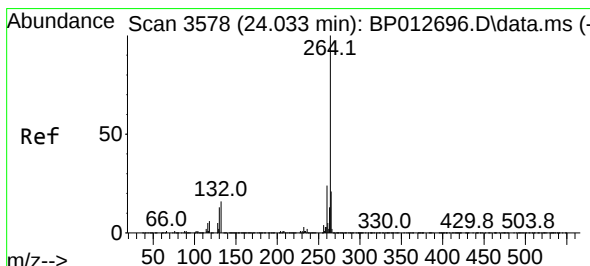
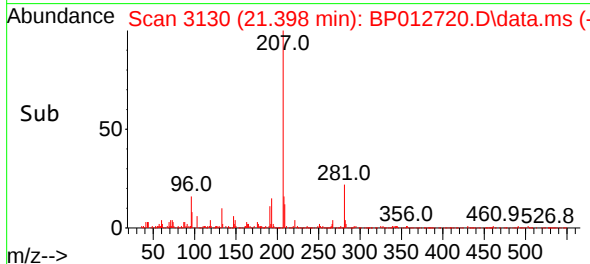
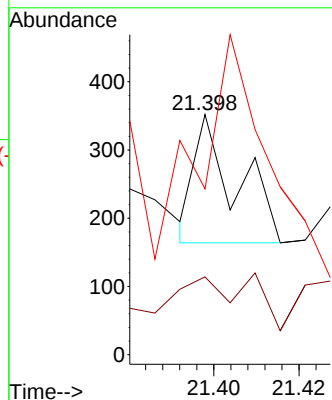
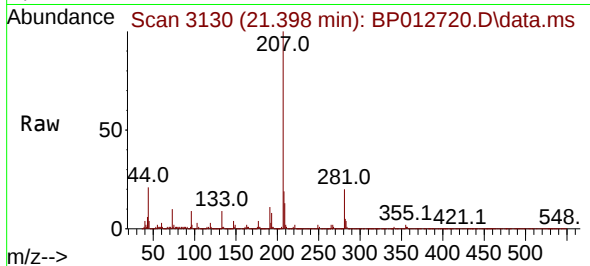




#82
3,3'-Dichlorobenzidine
Concen: 8.623 ng
RT: 21.398 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP012720.D
Acq: 23 Nov 2022 20:40

Instrument :
BNA_P
ClientSampleId :
TP-L

Tgt Ion:252 Resp: 127
Ion Ratio Lower Upper
252 100
254 32.4 51.7 77.5#
126 69.0 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: BP012720.D
Acq: 23 Nov 2022 20:40

Tgt Ion:264 Resp: 1117978
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.7 17.1 25.7

