

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112222\
 Data File : BP012701.D
 Acq On : 22 Nov 2022 14:51
 Operator : CG/JU
 Sample : PB149038TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB149038TB

Quant Time: Nov 23 06:24:47 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)

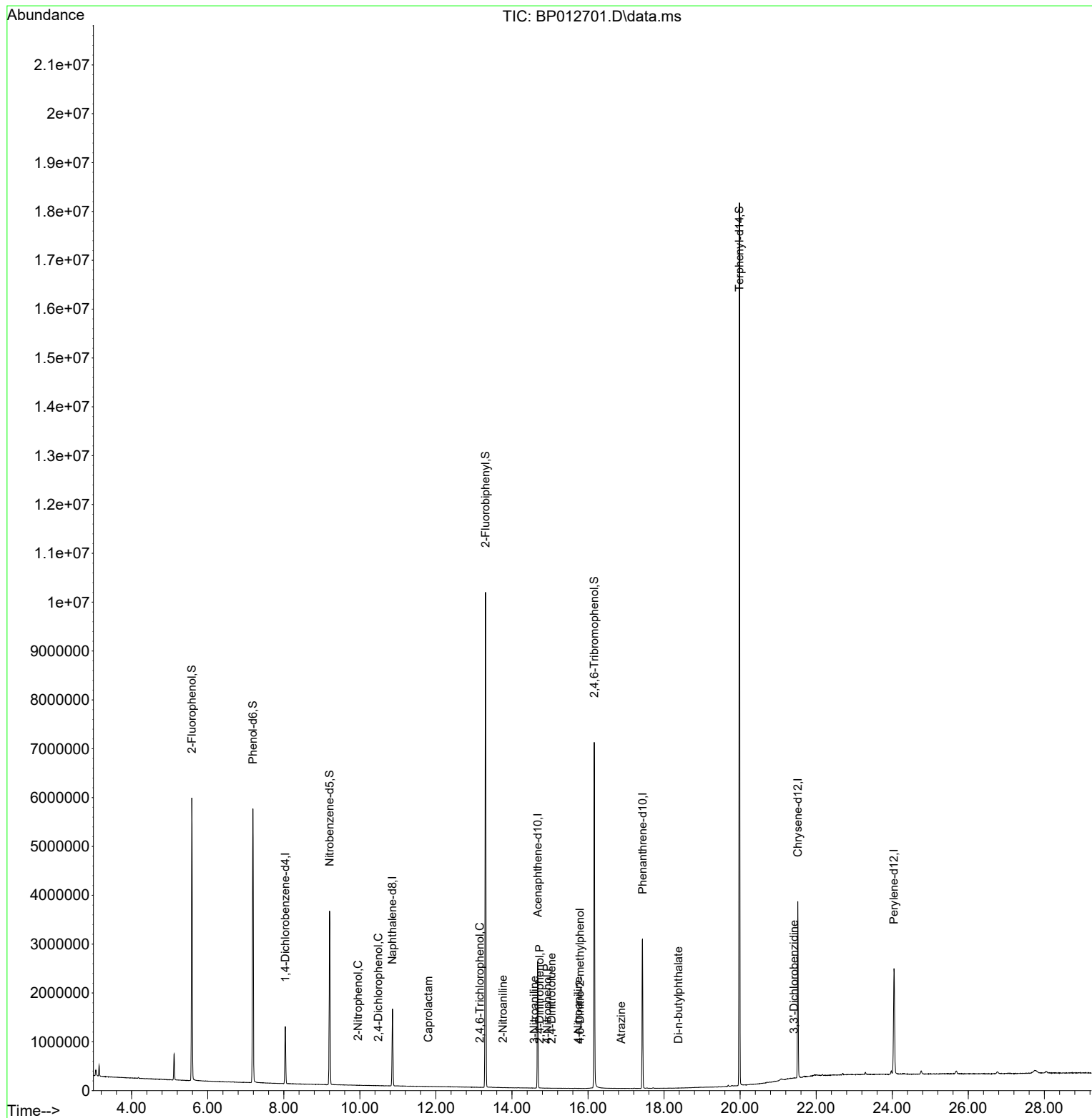
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	322171	20.000	ng	0.00
21) Naphthalene-d8	10.857	136	1324724	20.000	ng	0.00
39) Acenaphthene-d10	14.675	164	849677	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	1880853	20.000	ng	0.00
76) Chrysene-d12	21.516	240	1740935	20.000	ng	0.00
86) Perylene-d12	24.045	264	1652354	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2512528	168.955	ng	0.00
7) Phenol-d6	7.187	99	3318696	155.611	ng	0.00
23) Nitrobenzene-d5	9.205	82	2052849	86.424	ng	0.00
42) 2,4,6-Tribromophenol	16.163	330	1375904	125.791	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	5279799	88.527	ng	0.00
79) Terphenyl-d14	19.981	244	8771793	107.088	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.193	77	6537	Below Cal	#	4
26) 2-Nitrophenol	9.952	139	15	4.410 ng	#	1
29) 2,4-Dichlorophenol	10.487	162	35	2.207 ng	#	74
32) Benzoic acid	10.081	122	60	Below Cal		90
35) Caprolactam	11.799	113	31	2.749 ng	#	18
43) 2,4,6-Trichlorophenol	13.157	196	23	4.184 ng		91
48) 2-Nitroaniline	13.763	65	112	4.814 ng	#	10
53) 3-Nitroaniline	14.587	138	12	3.677 ng	#	24
54) 2,4-Dinitrophenol	14.728	184	50	3.032 ng		96
56) 4-Nitrophenol	14.928	139	26	5.701 ng		89
57) 2,4-Dinitrotoluene	15.040	165	146	3.560 ng	#	70
62) 4-Nitroaniline	15.740	138	16	4.608 ng	#	45
65) 4,6-Dinitro-2-methylph...	15.787	198	59	3.691 ng	#	1
69) Atrazine	16.875	200	5	4.026 ng	#	1
74) Di-n-butylphthalate	18.381	149	774	5.708 ng	#	64
80) Butylbenzylphthalate	20.663	149	565	Below Cal	#	54
82) 3,3'-Dichlorobenzidine	21.416	252	150	8.621 ng	#	33
84) Bis(2-ethylhexyl)phtha...	21.416	149	1203	Below Cal	#	78
85) Di-n-octyl phthalate	22.416	149	427	Below Cal	#	66

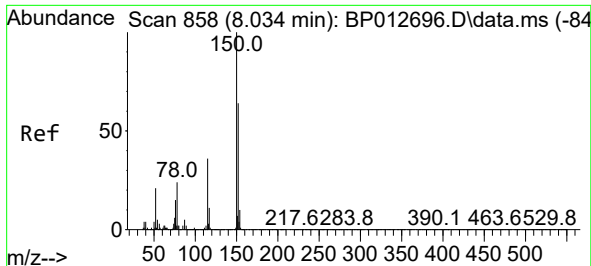
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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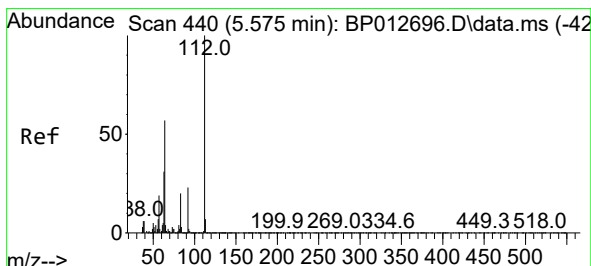
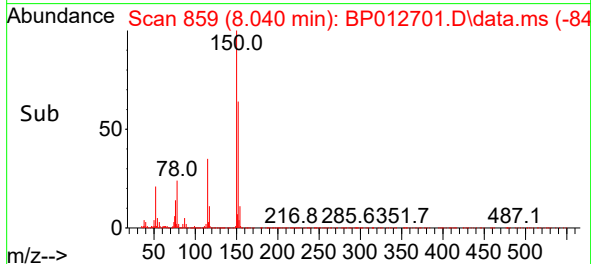
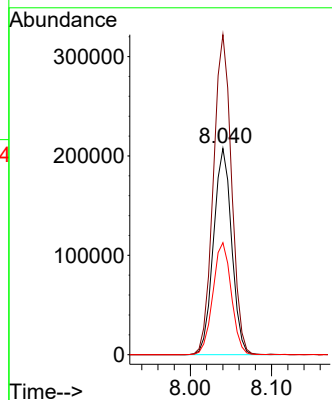
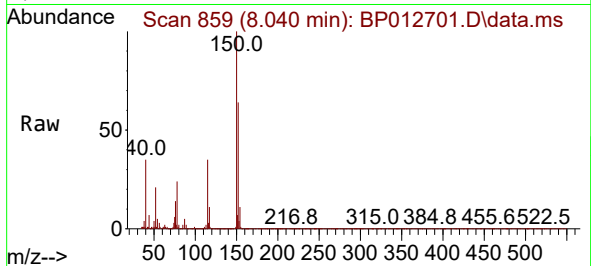




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.040 min Scan# 858
Delta R.T. 0.006 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

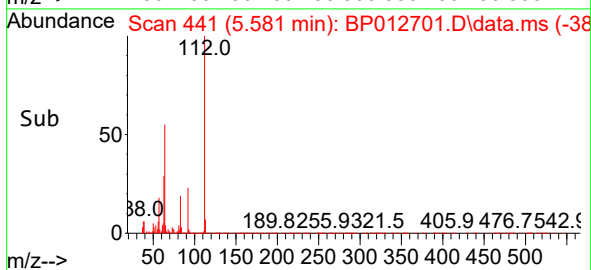
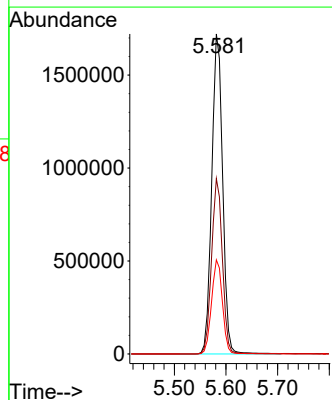
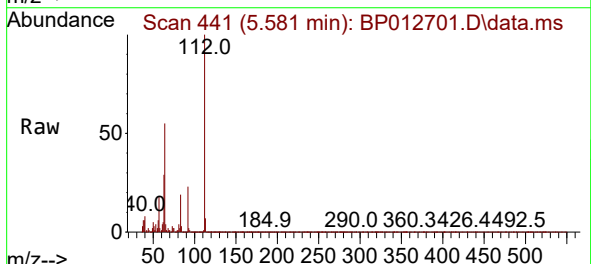
Instrument :
BNA_P
ClientSampleId :
PB149038TB

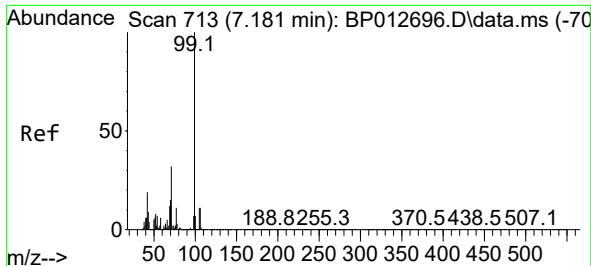
Tgt Ion:152 Resp: 322171
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 54.3 44.9 67.3



#5
2-Fluorophenol
Concen: 168.955 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Tgt Ion:112 Resp: 2512528
Ion Ratio Lower Upper
112 100
64 54.8 45.4 68.0
63 29.4 24.6 37.0

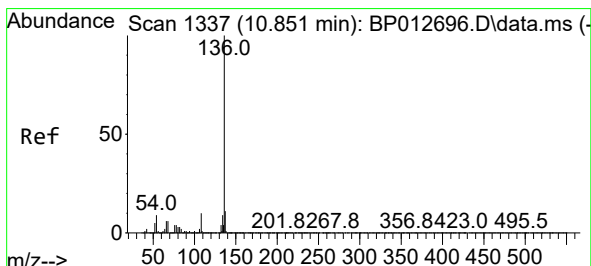
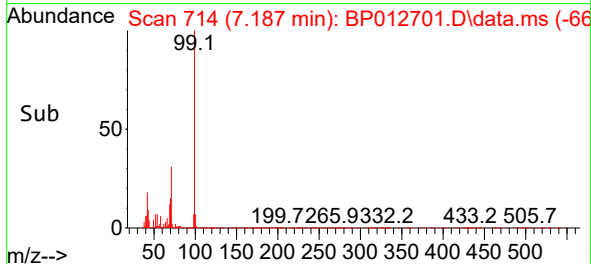
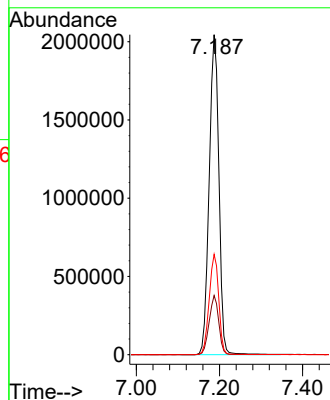
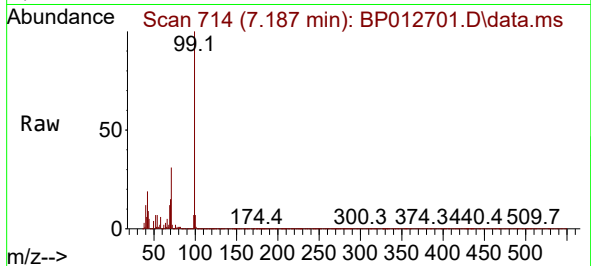




#7
Phenol-d6
Concen: 155.611 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

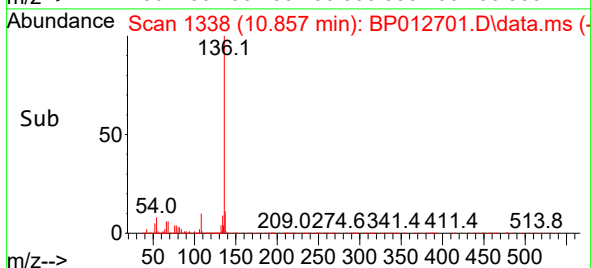
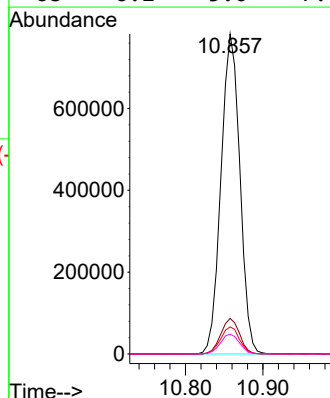
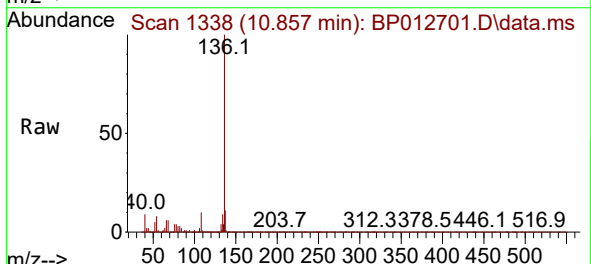
Instrument :
BNA_P
ClientSampleId :
PB149038TB

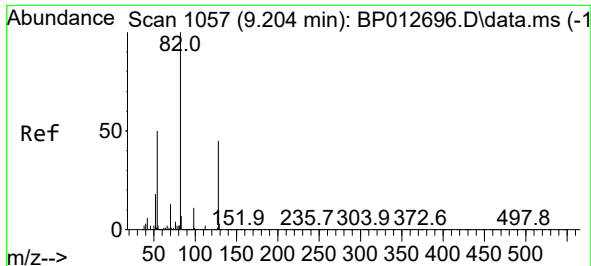
Tgt Ion: 99 Resp: 3318696
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 31.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.857 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Tgt Ion:136 Resp: 1324724
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.4 6.9 10.3
68 6.2 5.0 7.6

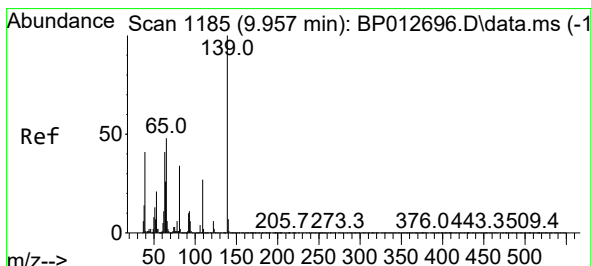
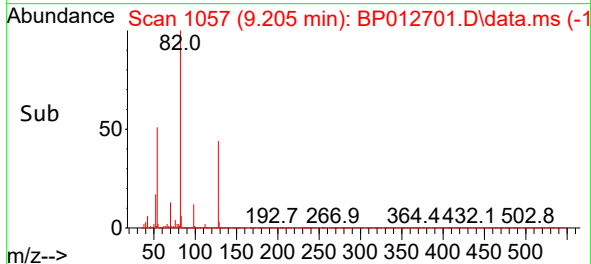
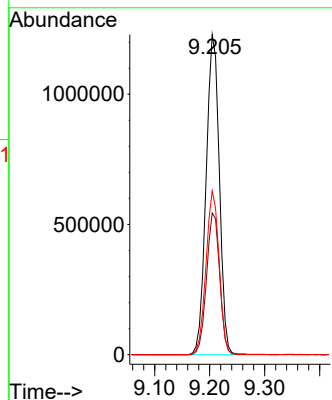
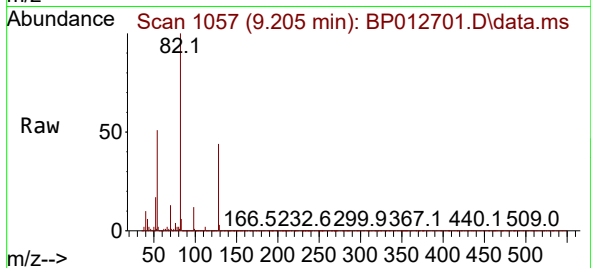




#23
Nitrobenzene-d5
Concen: 86.424 ng
RT: 9.205 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

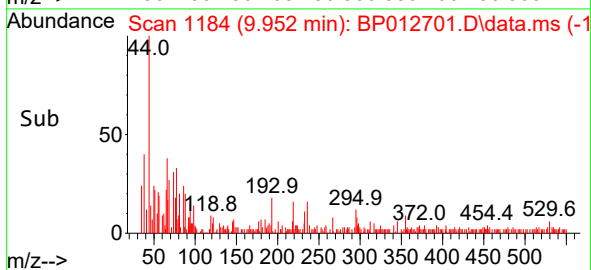
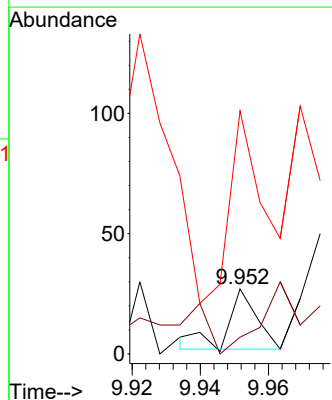
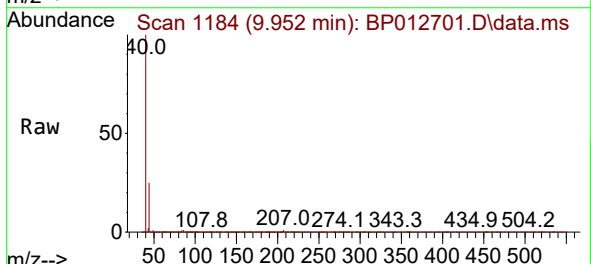
Instrument :
BNA_P
ClientSampleId :
PB149038TB

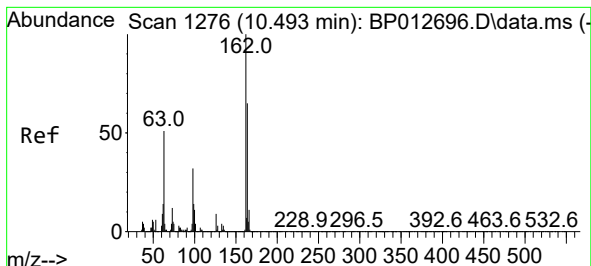
Tgt Ion: 82 Resp: 2052849
Ion Ratio Lower Upper
82 100
128 44.3 35.6 53.4
54 51.2 40.3 60.5



#26
2-Nitrophenol
Concen: 4.410 ng
RT: 9.952 min Scan# 1184
Delta R.T. -0.005 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Tgt Ion:139 Resp: 15
Ion Ratio Lower Upper
139 100
109 25.9 21.5 32.3
65 374.1 38.3 57.5#

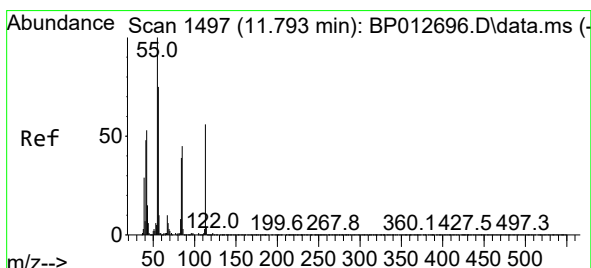
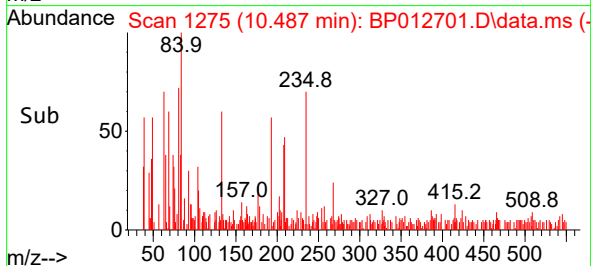
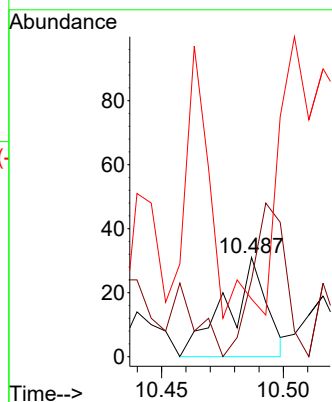
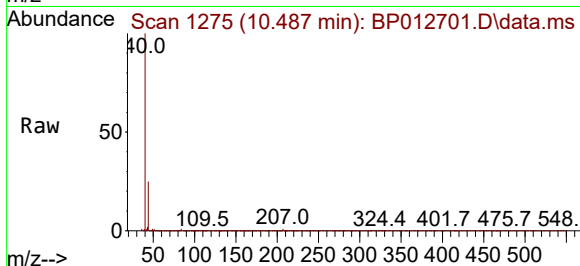




#29
2,4-Dichlorophenol
Concen: 2.207 ng
RT: 10.487 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

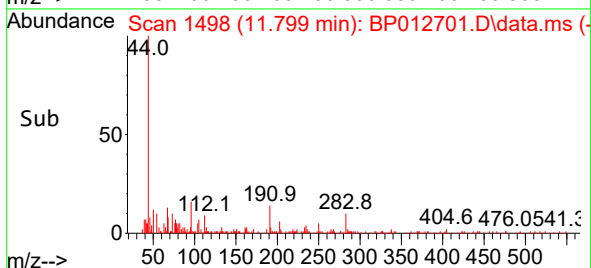
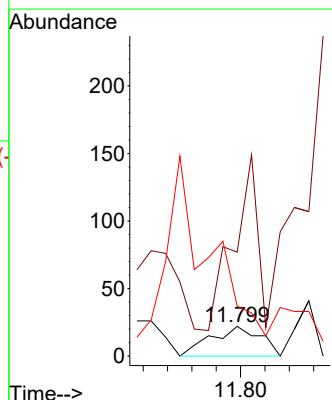
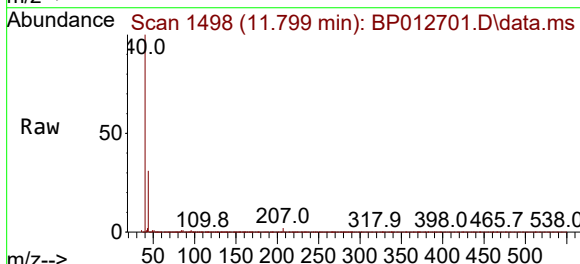
Instrument :
BNA_P
ClientSampleId :
PB149038TB

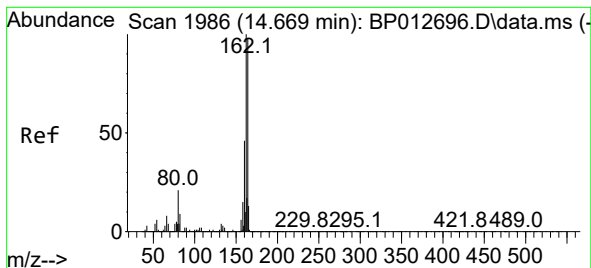
Tgt Ion:162 Resp: 35
Ion Ratio Lower Upper
162 100
164 77.4 44.9 84.9
98 58.1 12.5 52.5#



#35
Caprolactam
Concen: 2.749 ng
RT: 11.799 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Tgt Ion:113 Resp: 31
Ion Ratio Lower Upper
113 100
55 350.0 158.0 198.0#
56 168.2 114.1 154.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.675 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB149038TB

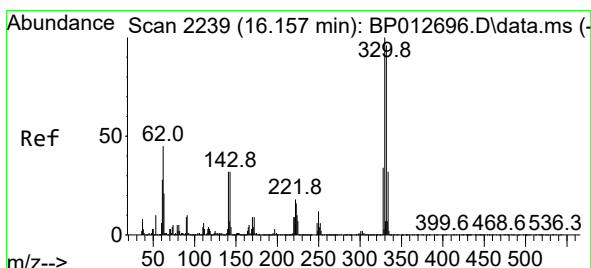
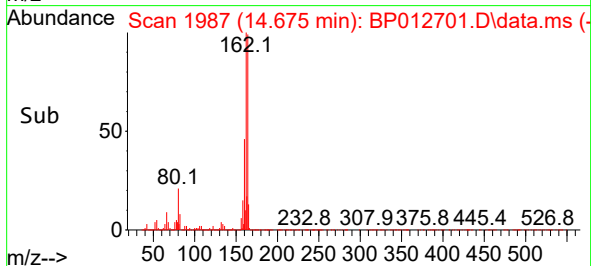
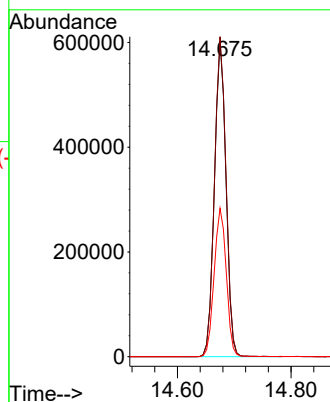
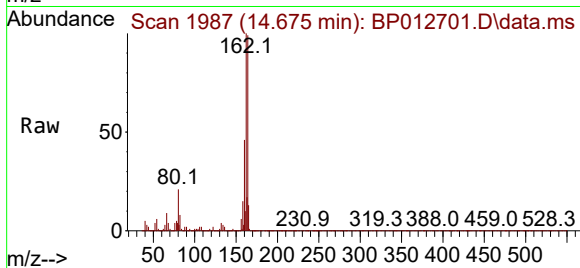
Tgt Ion:164 Resp: 849677

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 47.0 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 125.791 ng

RT: 16.163 min Scan# 2240

Delta R.T. 0.006 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

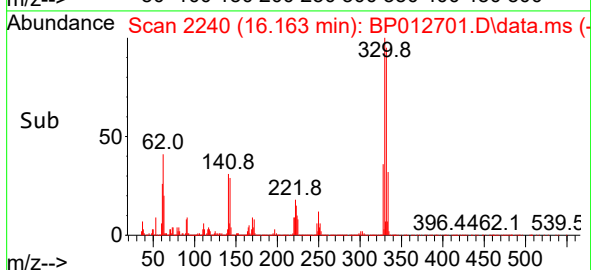
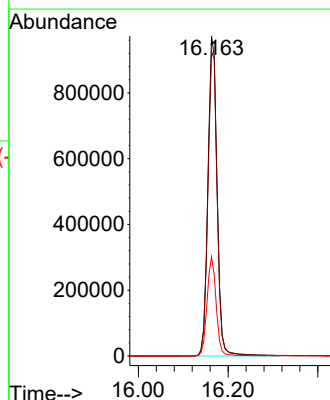
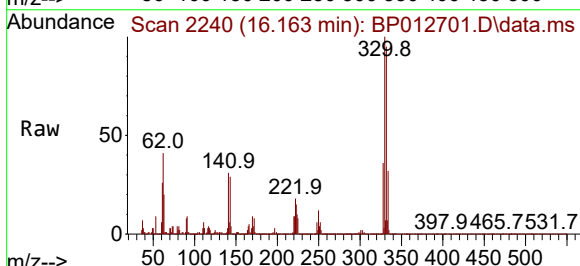
Tgt Ion:330 Resp: 1375904

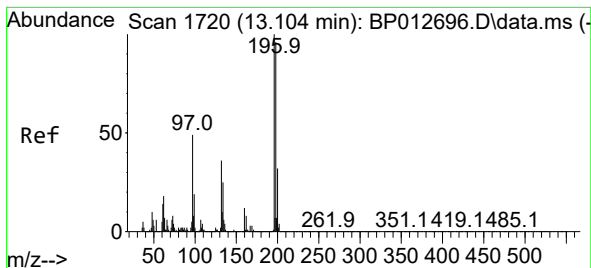
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 30.9 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.184 ng

RT: 13.157 min Scan# 1

Delta R.T. 0.053 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

Instrument :

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ClientSampleId :

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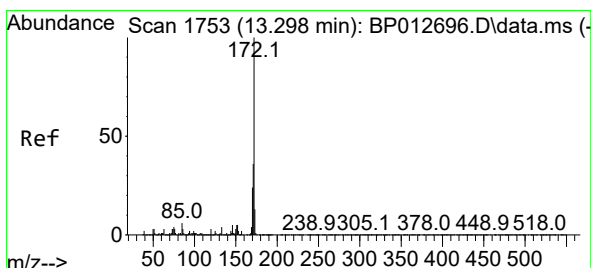
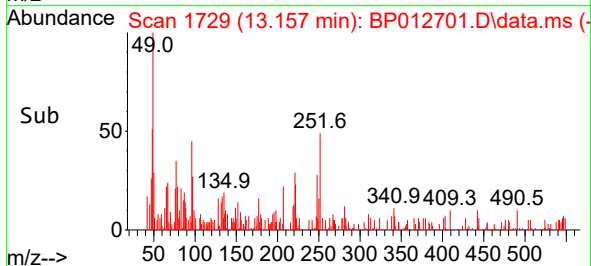
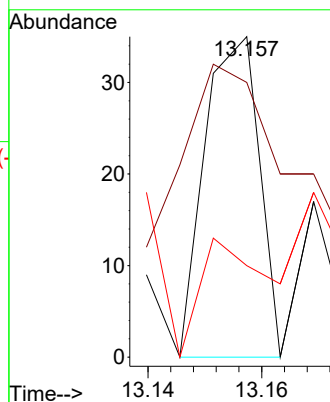
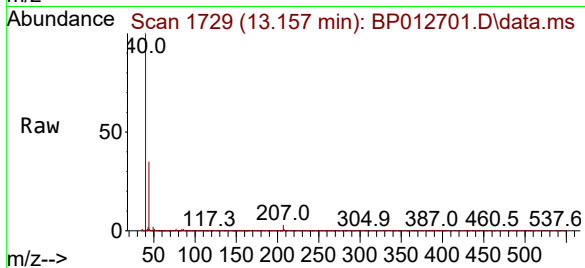
Tgt Ion:196 Resp: 23

Ion Ratio Lower Upper

196 100

198 85.7 76.6 115.0

200 28.6 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 88.527 ng

RT: 13.304 min Scan# 1754

Delta R.T. 0.006 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

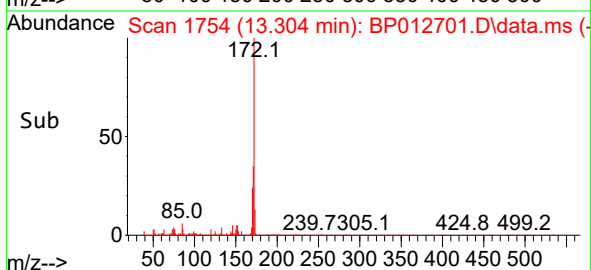
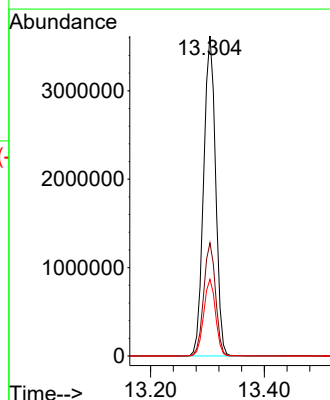
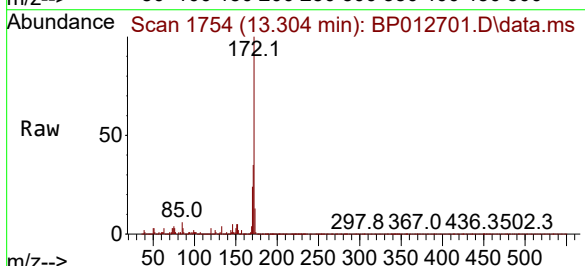
Tgt Ion:172 Resp: 5279799

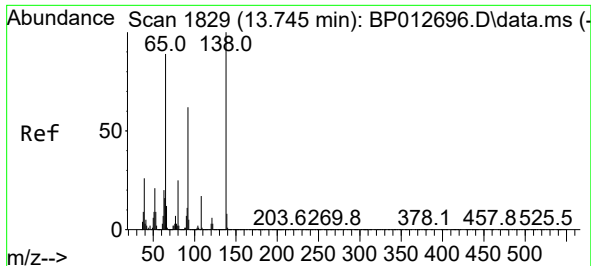
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 19.1 28.7

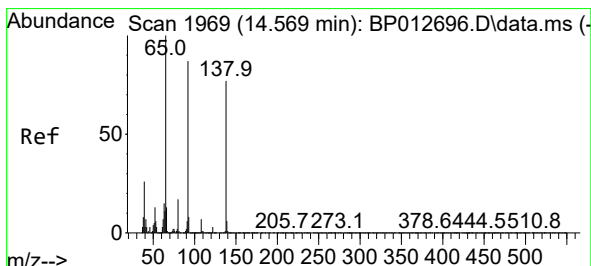
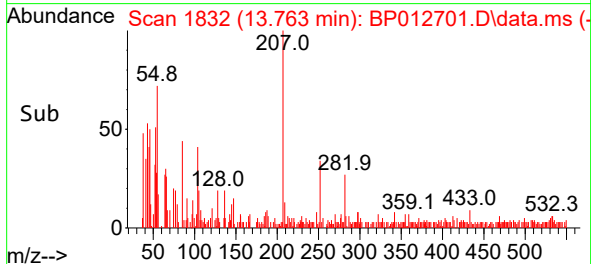
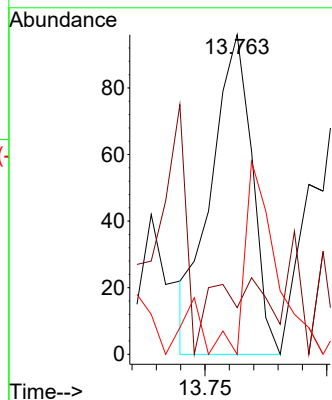
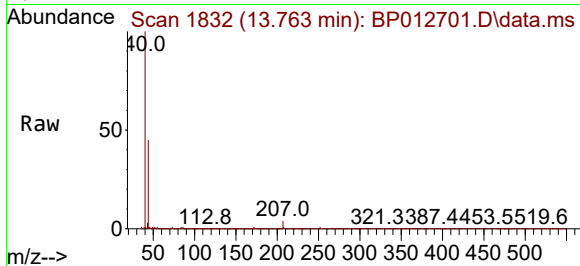




#48
2-Nitroaniline
Concen: 4.814 ng
RT: 13.763 min Scan# 111
Delta R.T. 0.018 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

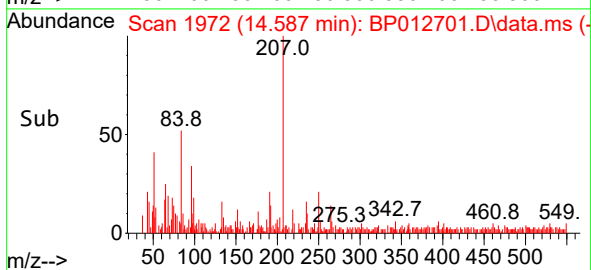
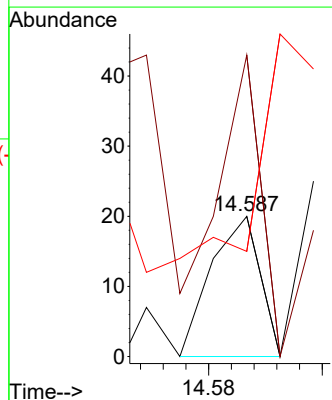
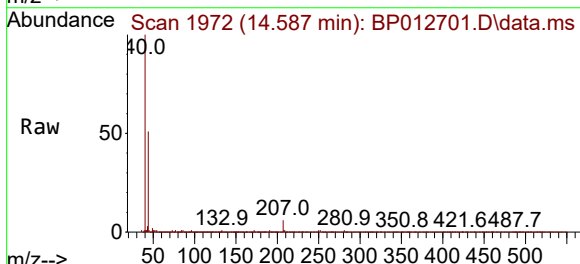
Instrument :
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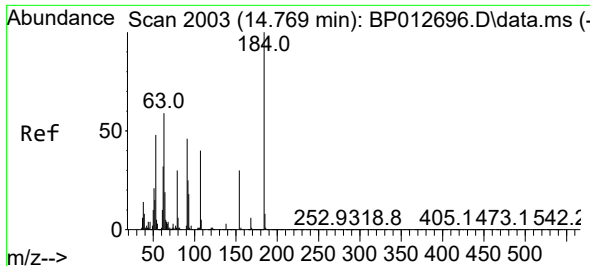
Tgt Ion: 65 Resp: 112
Ion Ratio Lower Upper
65 100
92 14.6 55.4 83.2#
138 0.0 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.677 ng
RT: 14.587 min Scan# 1972
Delta R.T. 0.018 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Tgt Ion: 138 Resp: 12
Ion Ratio Lower Upper
138 100
108 215.0 7.4 11.2#
92 75.0 91.3 136.9#

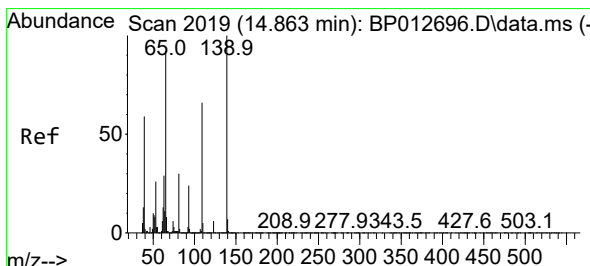
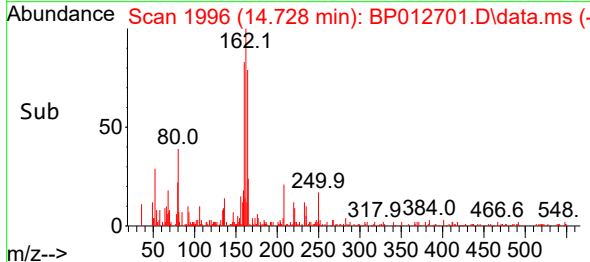
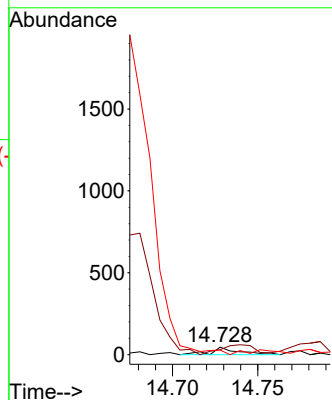
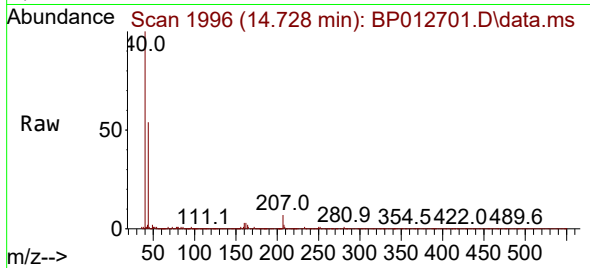




#54
2,4-Dinitrophenol
Concen: 3.032 ng
RT: 14.728 min Scan# 1996
Delta R.T. -0.041 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

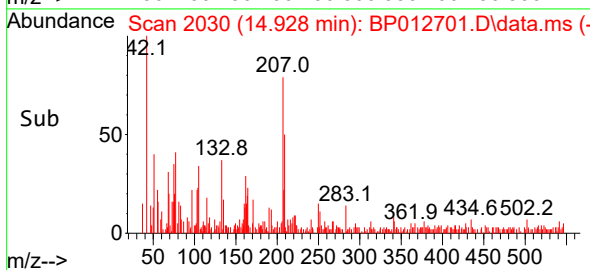
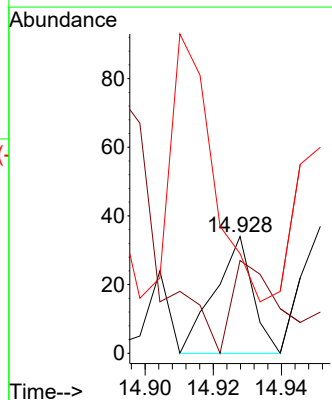
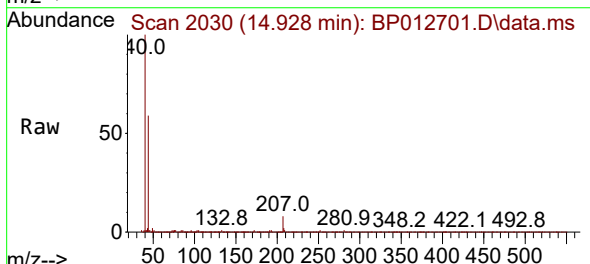
Instrument :
BNA_P
ClientSampleId :
PB149038TB

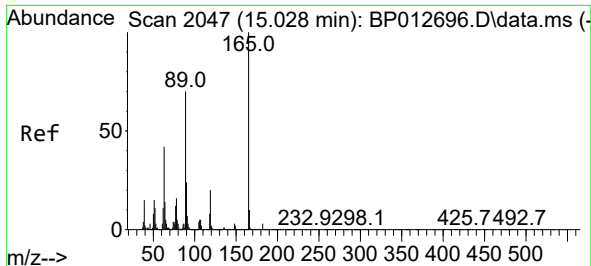
Tgt Ion:184 Resp: 50
Ion Ratio Lower Upper
184 100
63 65.2 50.0 75.0
154 60.9 45.5 68.3



#56
4-Nitrophenol
Concen: 5.701 ng
RT: 14.928 min Scan# 2030
Delta R.T. 0.065 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Tgt Ion:139 Resp: 26
Ion Ratio Lower Upper
139 100
109 79.4 46.1 86.1
65 85.3 72.5 112.5





#57

2,4-Dinitrotoluene

Concen: 3.560 ng

RT: 15.040 min Scan# 2049

Delta R.T. 0.012 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB149038TB

Tgt Ion:165 Resp: 146

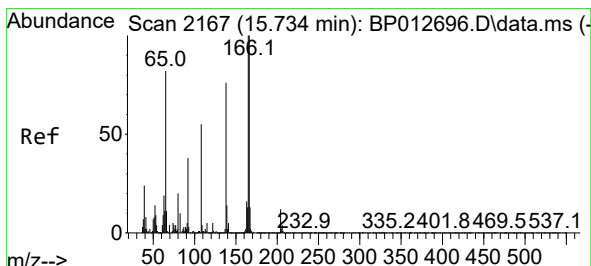
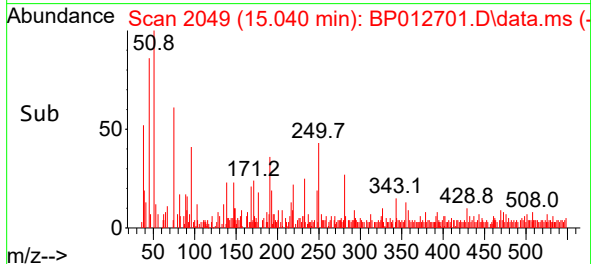
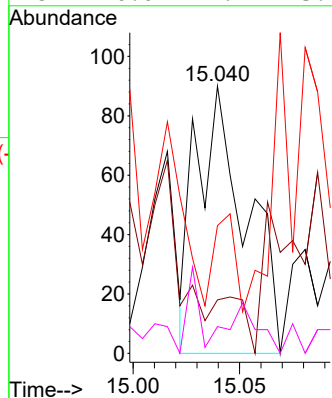
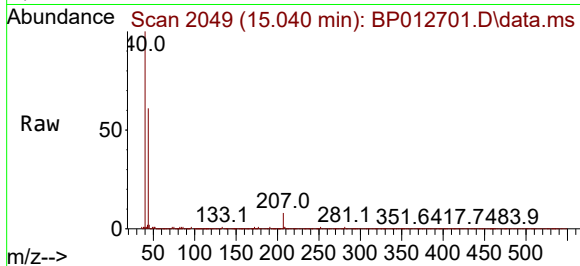
Ion Ratio Lower Upper

165 100

63 20.0 33.7 50.5#

89 47.8 56.3 84.5#

182 10.0 2.1 3.1#



#62

4-Nitroaniline

Concen: 4.608 ng

RT: 15.740 min Scan# 2168

Delta R.T. 0.006 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

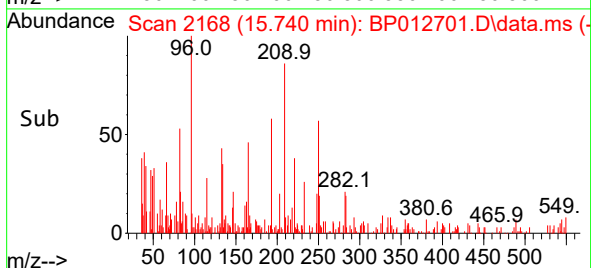
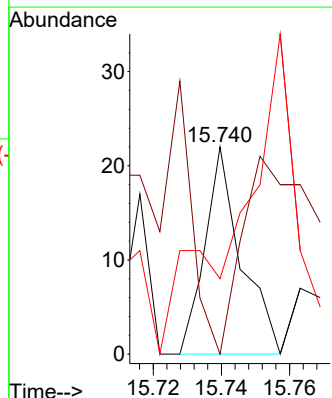
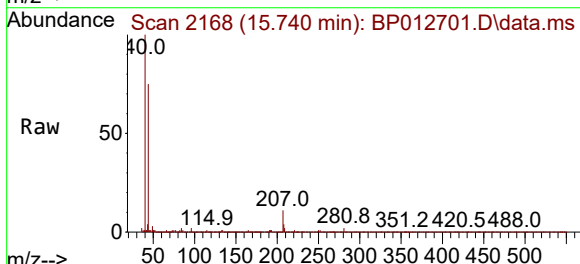
Tgt Ion:138 Resp: 16

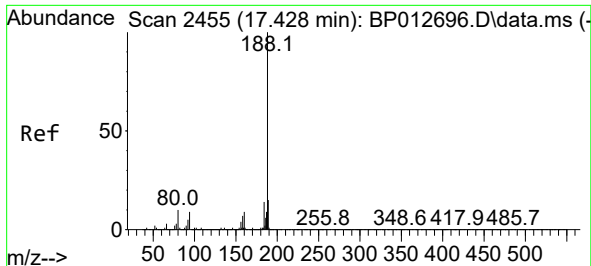
Ion Ratio Lower Upper

138 100

92 0.0 29.6 69.6#

108 36.4 51.4 91.4#

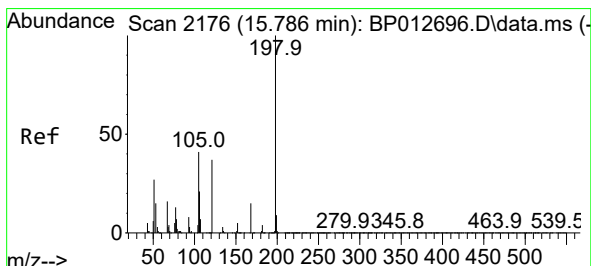
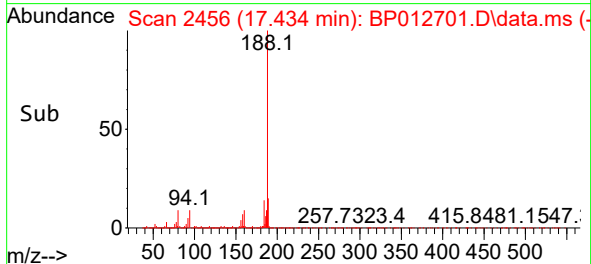
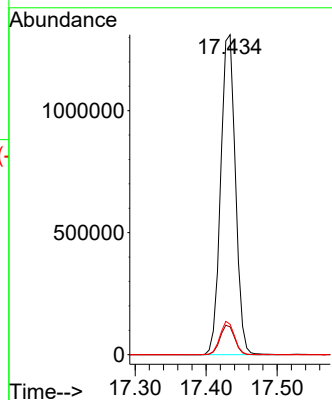
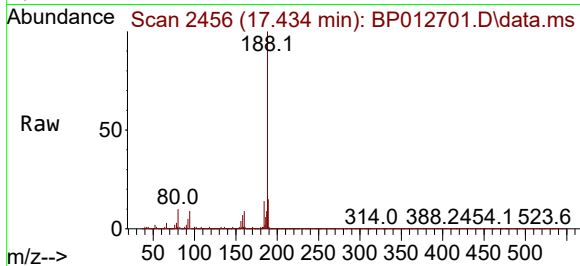




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2456
Delta R.T. 0.006 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

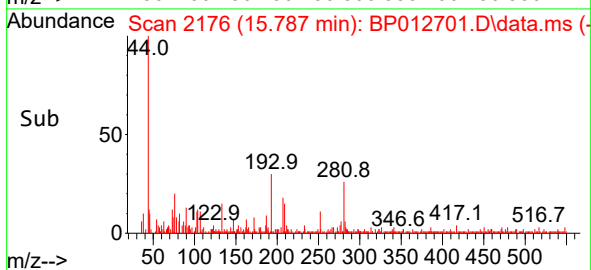
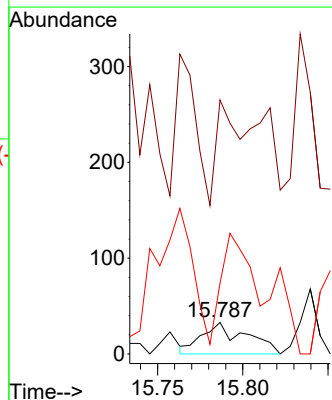
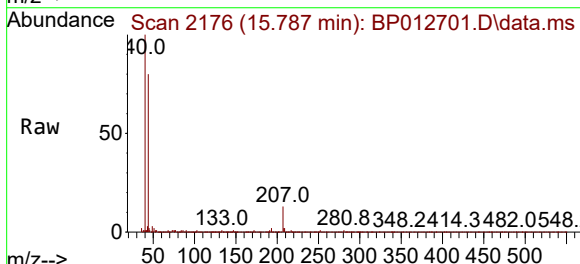
Instrument :
BNA_P
ClientSampleId :
PB149038TB

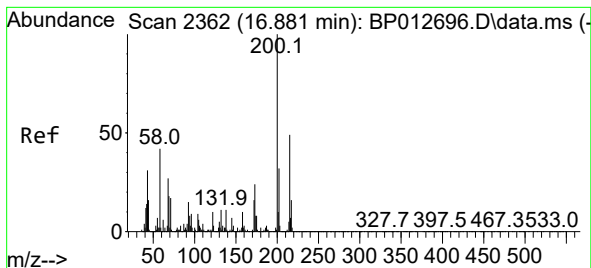
Tgt Ion:188 Resp: 1880853
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.5 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 3.691 ng
RT: 15.787 min Scan# 2176
Delta R.T. 0.001 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 803.0 25.7 65.7#
105 224.2 22.8 62.8#





#69

Atrazine

Concen: 4.026 ng

RT: 16.875 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

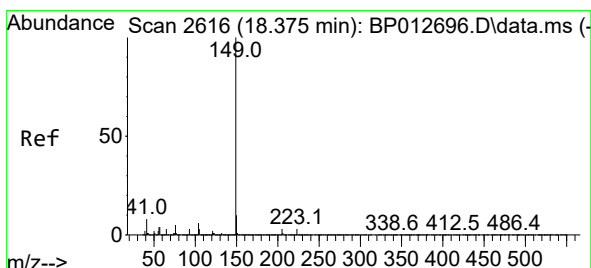
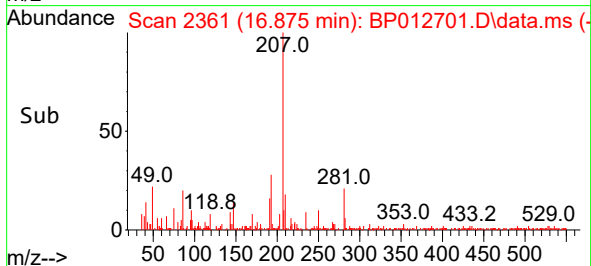
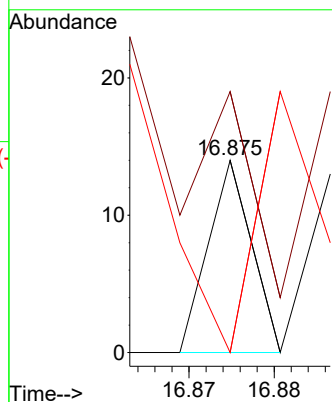
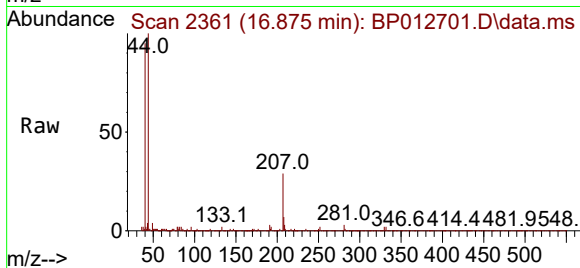
Instrument :

BNA_P

ClientSampleId :

PB149038TB

Tgt Ion:	200	Resp:	5
Ion Ratio	Lower	Upper	
200	100		
173	135.7	4.3	44.3#
215	0.0	29.5	69.5#



#74

Di-n-butylphthalate

Concen: 5.708 ng

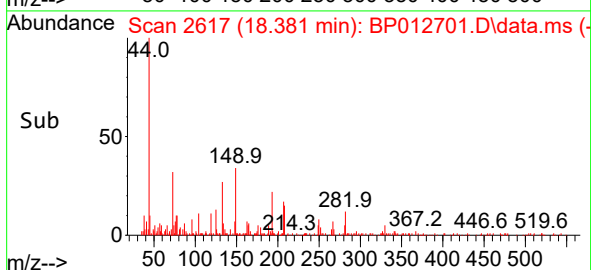
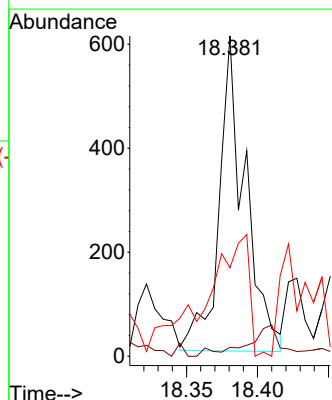
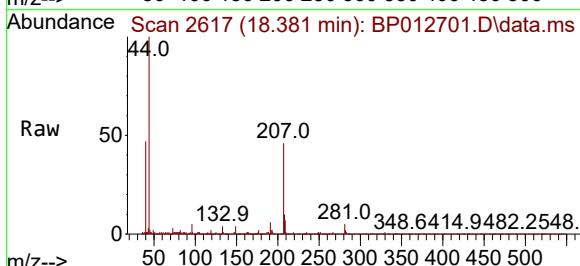
RT: 18.381 min Scan# 2617

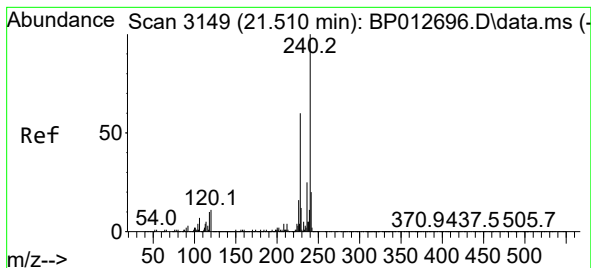
Delta R.T. 0.006 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

Tgt Ion:	149	Resp:	774
Ion Ratio	Lower	Upper	
149	100		
150	2.8	7.7	11.5#
104	27.6	4.6	6.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB149038TB

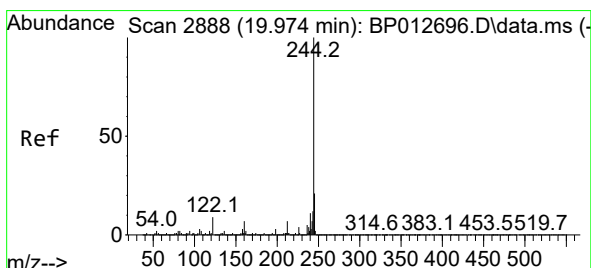
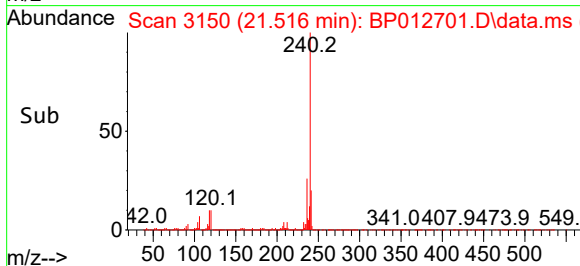
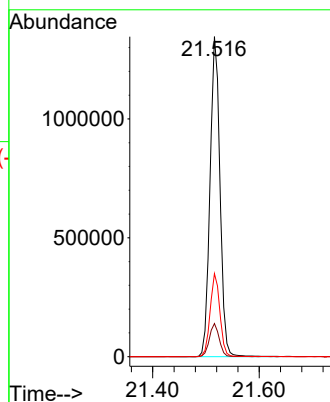
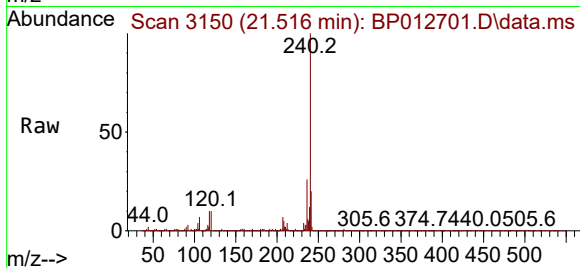
Tgt Ion:240 Resp: 1740935

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

236 26.0 20.4 30.6



#79

Terphenyl-d14

Concen: 107.088 ng

RT: 19.981 min Scan# 2889

Delta R.T. 0.006 min

Lab File: BP012701.D

Acq: 22 Nov 2022 14:51

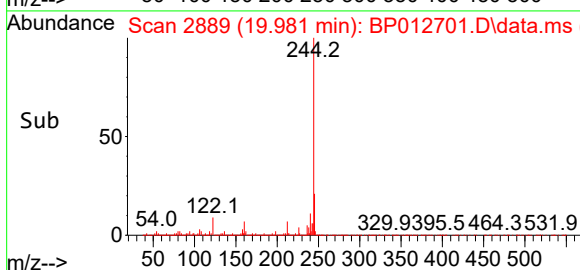
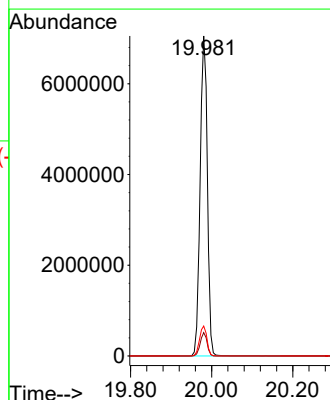
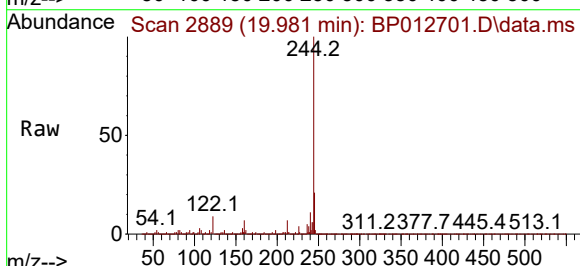
Tgt Ion:244 Resp: 8771793

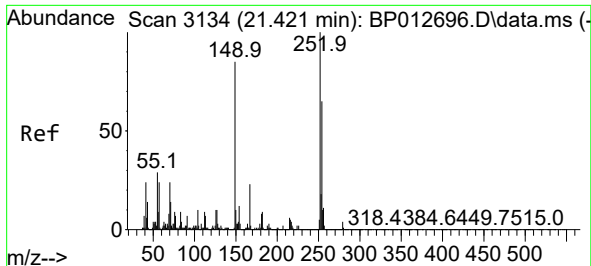
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.4 6.9 10.3

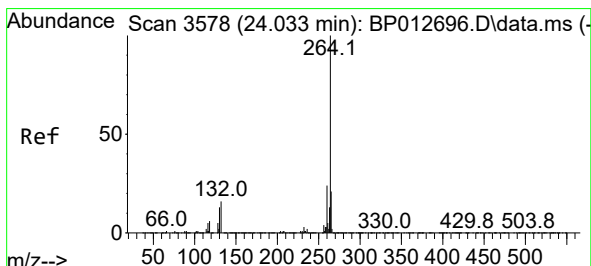
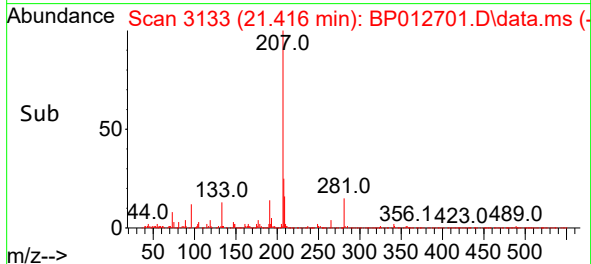
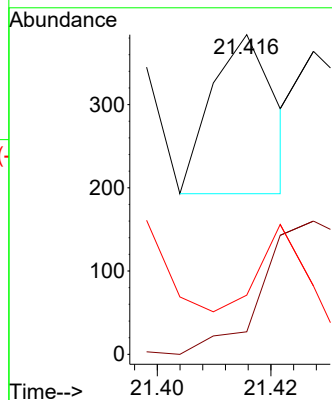
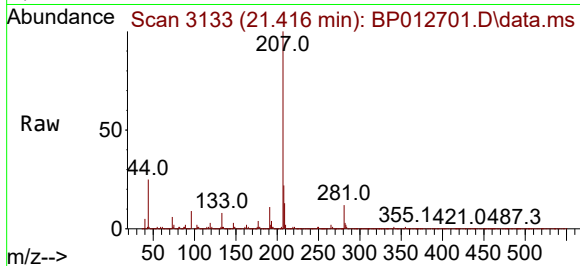




#82
3,3'-Dichlorobenzidine
Concen: 8.621 ng
RT: 21.416 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Instrument :
BNA_P
ClientSampleId :
PB149038TB

Tgt Ion:252 Resp: 150
Ion Ratio Lower Upper
252 100
254 7.0 51.7 77.5#
126 18.5 7.7 11.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.045 min Scan# 3580
Delta R.T. 0.012 min
Lab File: BP012701.D
Acq: 22 Nov 2022 14:51

Tgt Ion:264 Resp: 1652354
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.8 17.1 25.7

