

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011757.D
 Acq On : 20 Sep 2022 03:57
 Operator : CG/JU
 Sample : N4630-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-17-4-1

Quant Time: Sep 20 04:56:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

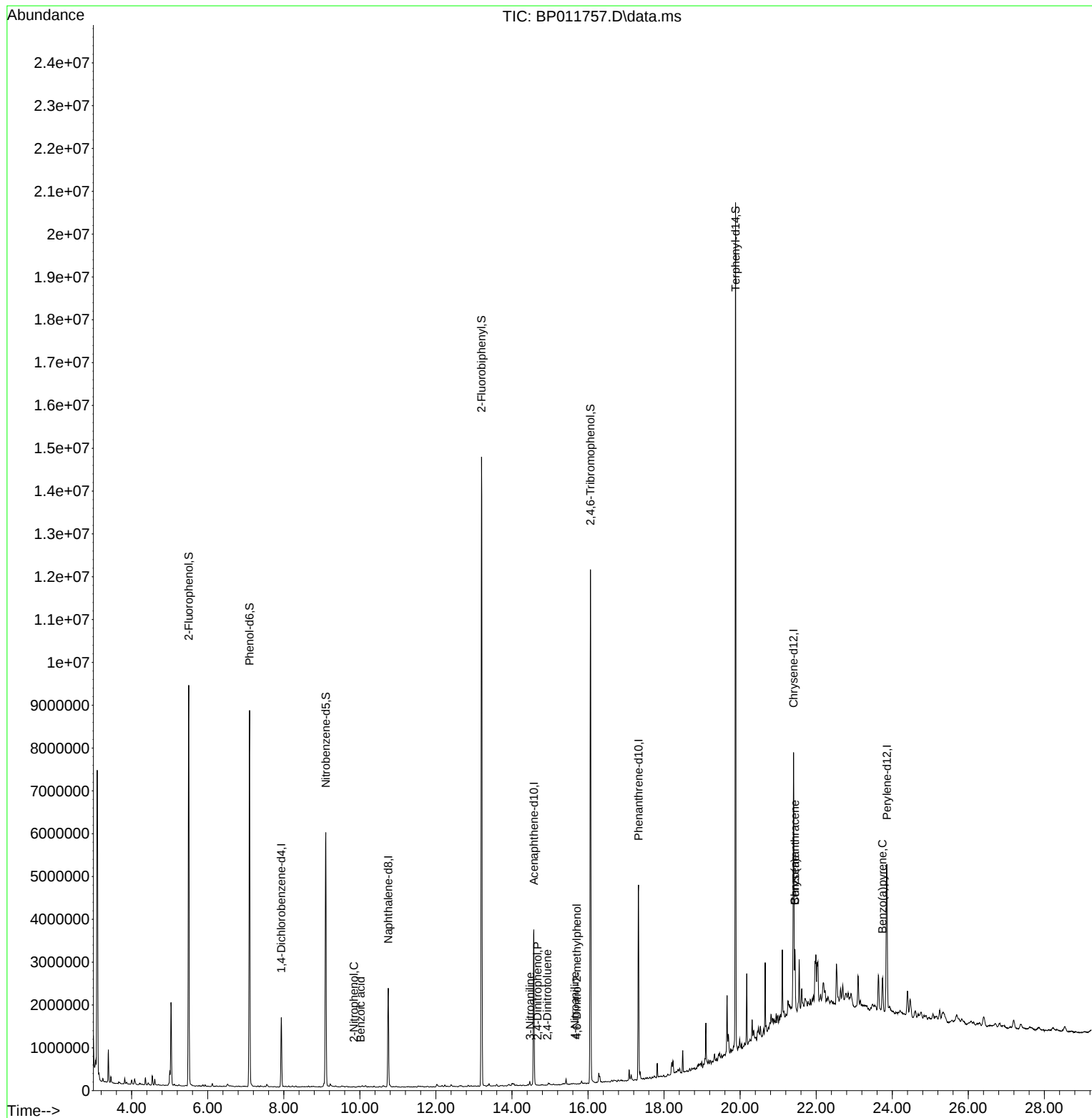
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	445724	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1970988	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1263101	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2656657	20.000	ng	0.00
76) Chrysene-d12	21.404	240	2539064	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	2541898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4313451	176.149	ng	0.00
7) Phenol-d6	7.099	99	5432647	166.430	ng	0.00
23) Nitrobenzene-d5	9.105	82	3497528	105.241	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	2030119	205.705	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	7799353	95.983	ng	0.00
79) Terphenyl-d14	19.880	244	9042380	77.443	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.846	139	168	3.576	ng	# 1
32) Benzoic acid	10.016	122	1436	6.695	ng	# 61
53) 3-Nitroaniline	14.481	138	311	2.398	ng	# 47
54) 2,4-Dinitrophenol	14.669	184	64	6.586	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	599	3.010	ng	# 74
62) 4-Nitroaniline	15.651	138	539	2.750	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.704	198	106	5.860	ng	# 1
81) Benzo(a)anthracene	21.439	228	945478	5.777	ng	93
83) Chrysene	21.439	228	945478	6.047	ng	97
90) Benzo(a)pyrene	23.745	252	331458	2.552	ng	# 89

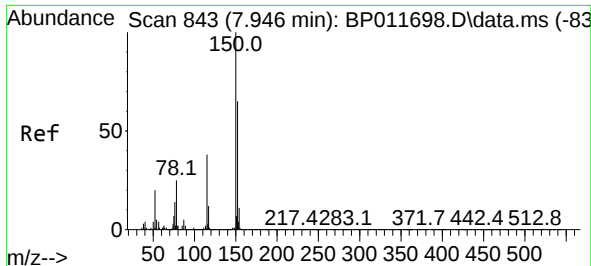
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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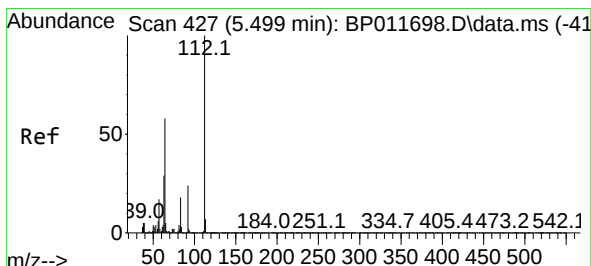
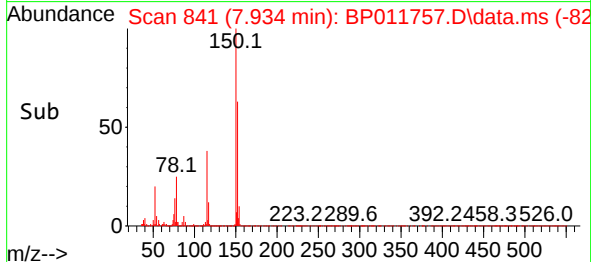
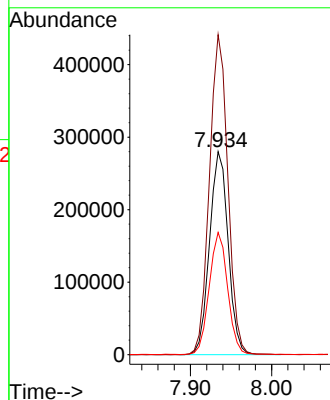
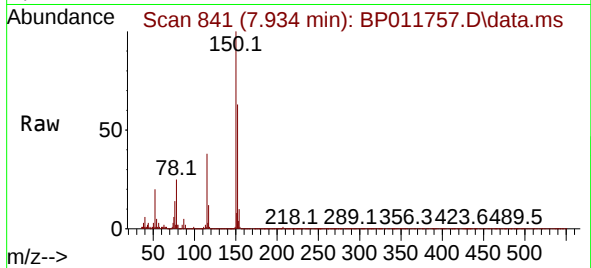




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 843
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

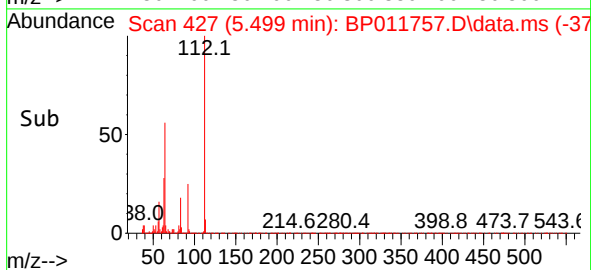
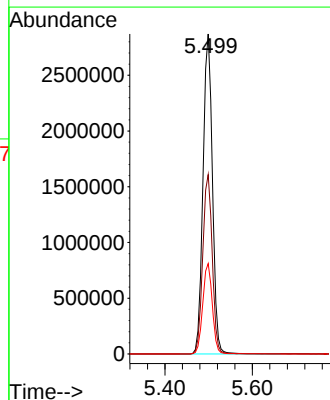
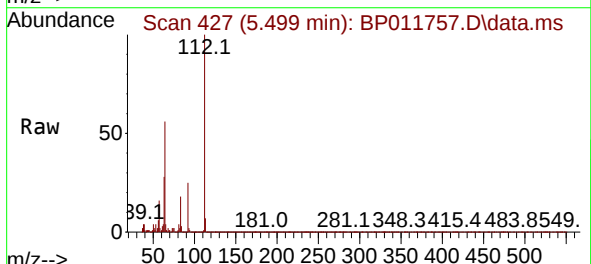
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1

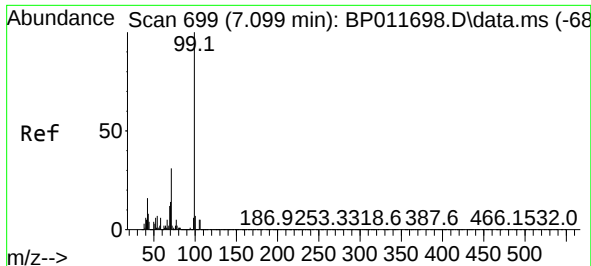
Tgt Ion:152 Resp: 445724
Ion Ratio Lower Upper
152 100
150 157.7 123.4 185.2
115 60.2 51.3 76.9



#5
2-Fluorophenol
Concen: 176.149 ng
RT: 5.499 min Scan# 427
Delta R.T. 0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Tgt Ion:112 Resp: 4313451
Ion Ratio Lower Upper
112 100
64 56.1 56.9 85.3#
63 28.2 31.2 46.8#



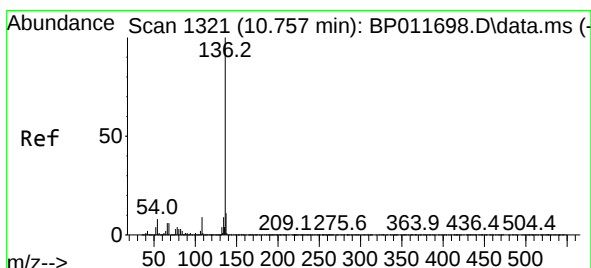
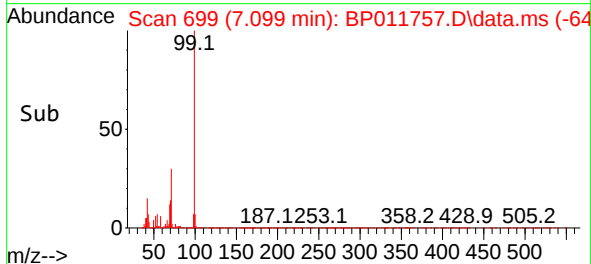
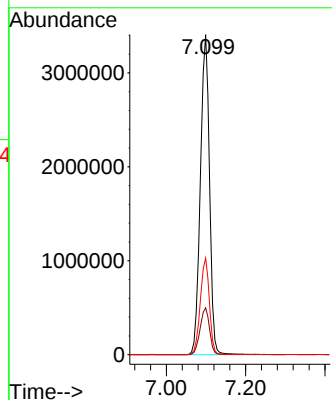
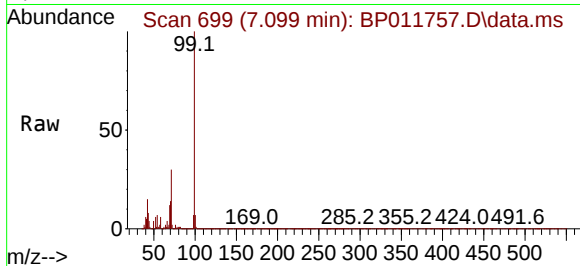


#7
Phenol-d6
Concen: 166.430 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Instrument :
BNA_P
ClientSampleId :
WC-17-4-1

Tgt Ion: 99 Resp: 5432647

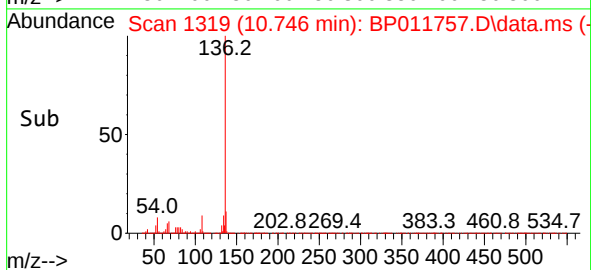
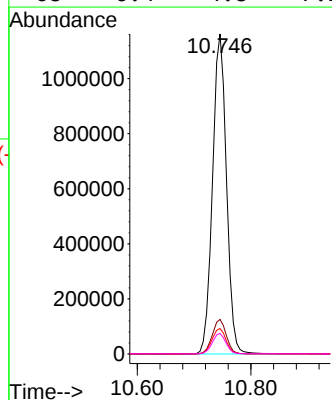
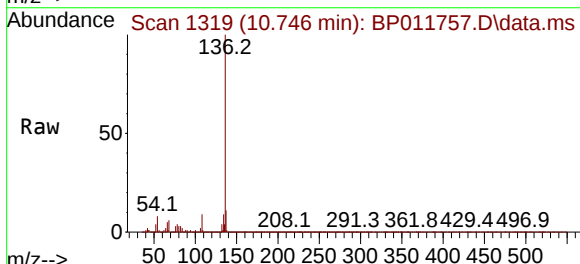
Ion	Ratio	Lower	Upper
99	100		
42	14.6	20.3	30.5#
71	30.2	33.9	50.9#

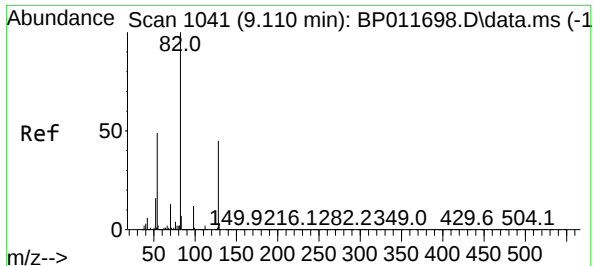


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Tgt Ion: 136 Resp: 1970988

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	8.7	13.1#
68	6.4	4.8	7.2





#23

Nitrobenzene-d5

Concen: 105.241 ng

RT: 9.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

Instrument :

BNA_P

ClientSampleId :

WC-17-4-1

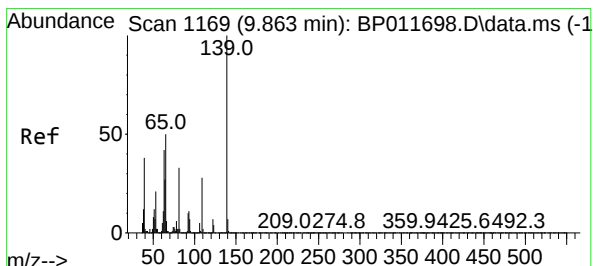
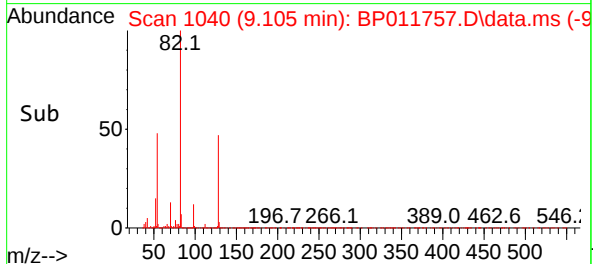
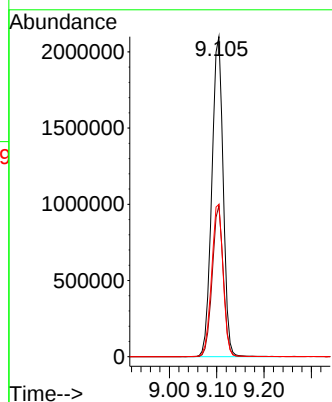
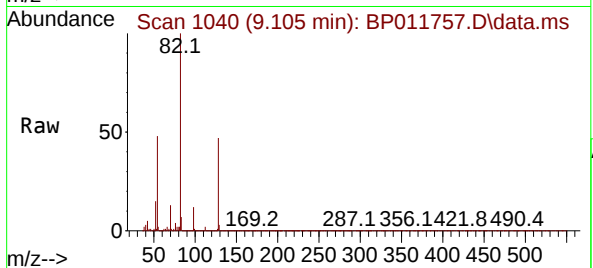
Tgt Ion: 82 Resp: 3497528

Ion Ratio Lower Upper

82 100

128 47.2 31.3 46.9#

54 47.6 49.8 74.8#



#26

2-Nitrophenol

Concen: 3.576 ng

RT: 9.846 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

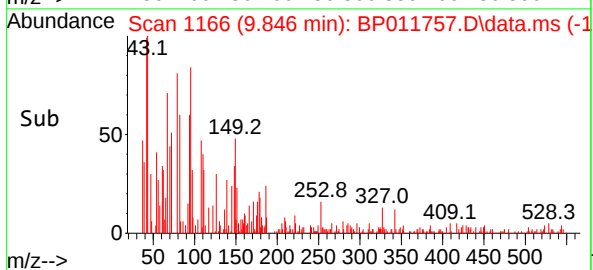
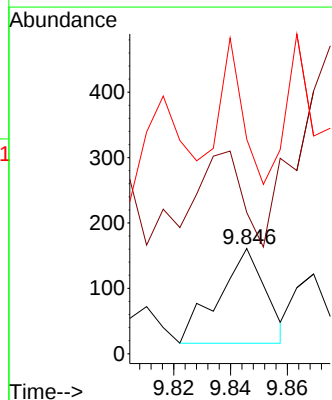
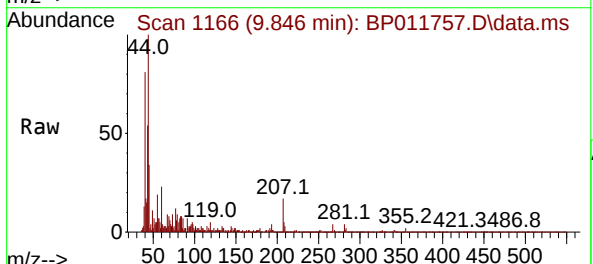
Tgt Ion:139 Resp: 168

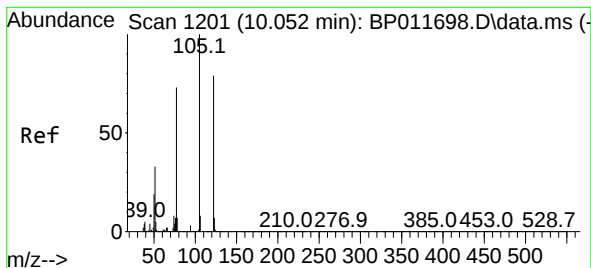
Ion Ratio Lower Upper

139 100

109 134.2 30.2 45.4#

65 203.7 52.2 78.2#





#32

Benzoic acid

Concen: 6.695 ng

RT: 10.016 min Scan# 1195

Delta R.T. -0.017 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

Instrument :

BNA_P

ClientSampleId :

WC-17-4-1

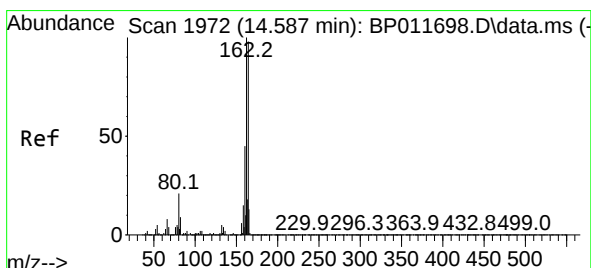
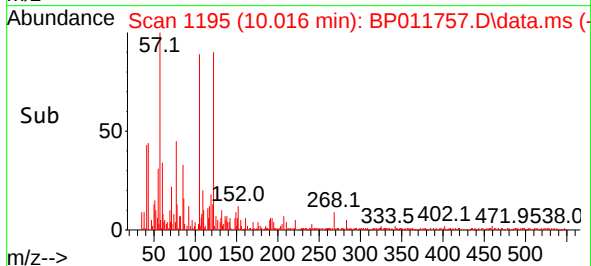
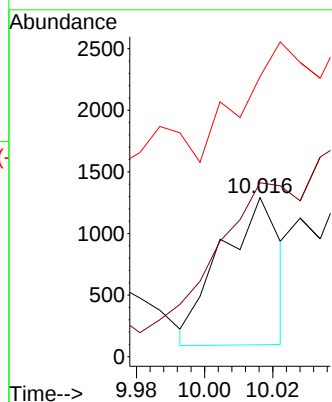
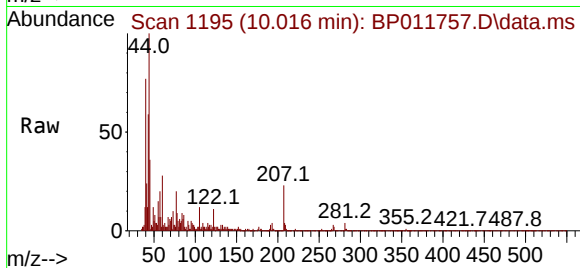
Tgt Ion:122 Resp: 1436

Ion Ratio Lower Upper

122 100

105 109.4 112.6 152.6#

77 176.1 90.2 130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

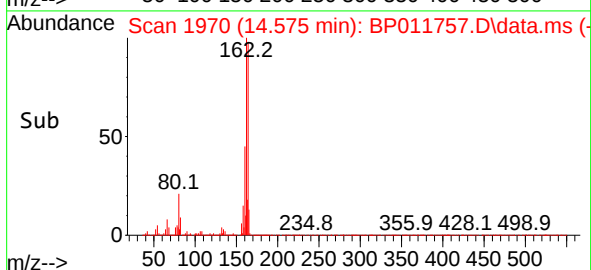
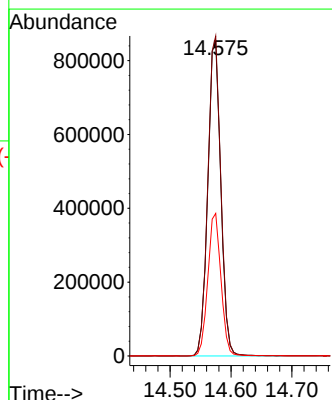
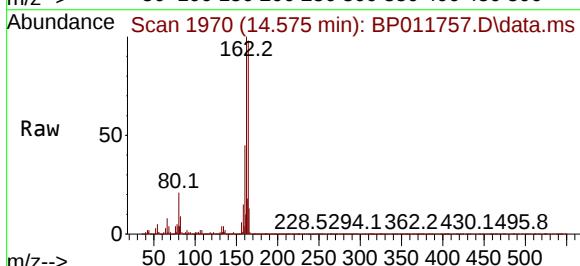
Tgt Ion:164 Resp: 1263101

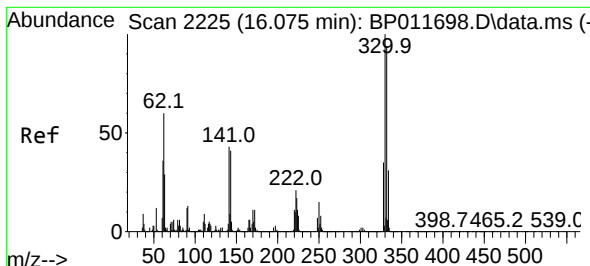
Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

160 45.5 34.6 51.8

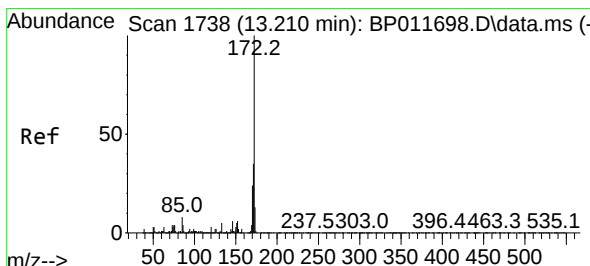
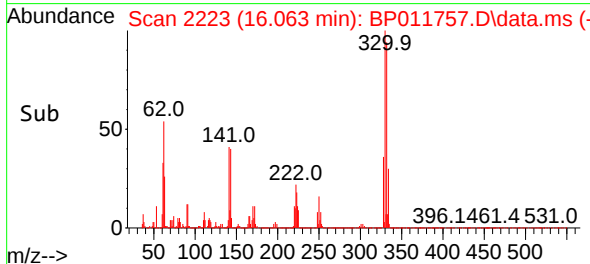
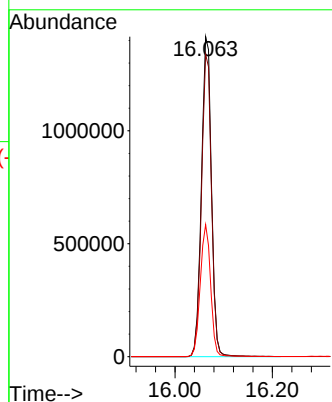
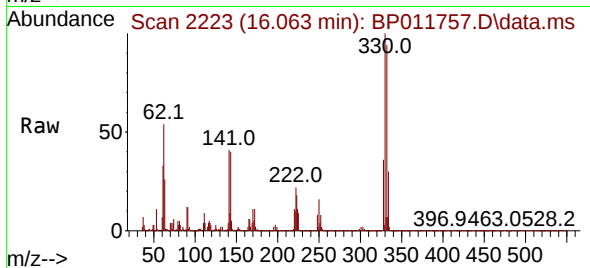




#42
2,4,6-Tribromophenol
Concen: 205.705 ng
RT: 16.063 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

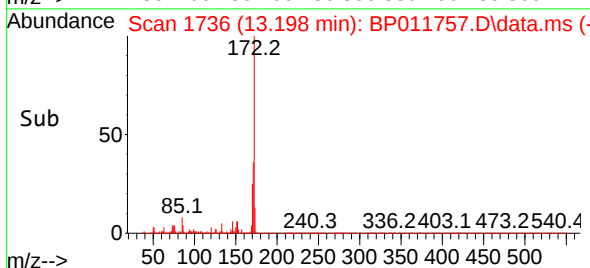
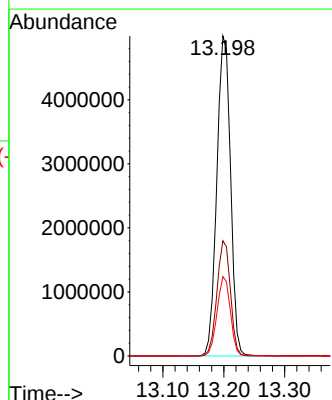
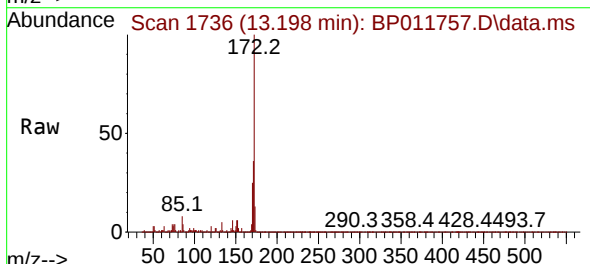
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ClientSampleId :
WC-17-4-1

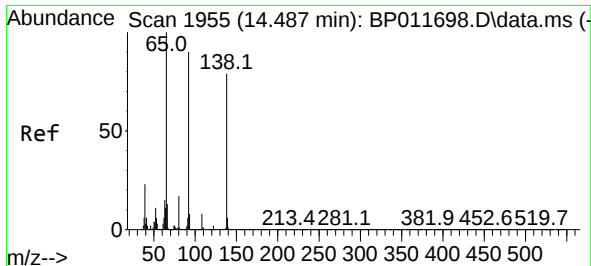
Tgt Ion:330 Resp: 2030119
Ion Ratio Lower Upper
330 100
332 94.5 78.1 117.1
141 42.5 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 95.983 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Tgt Ion:172 Resp: 7799353
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 24.8 18.2 27.2

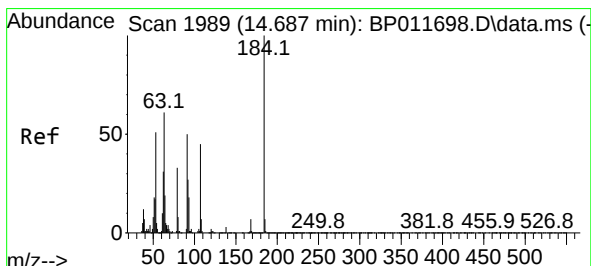
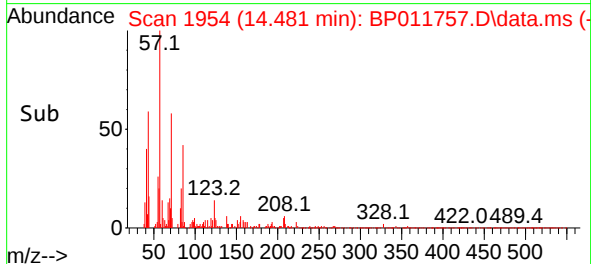
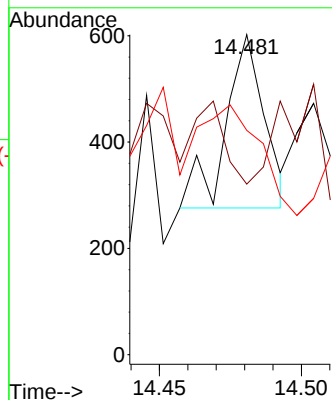
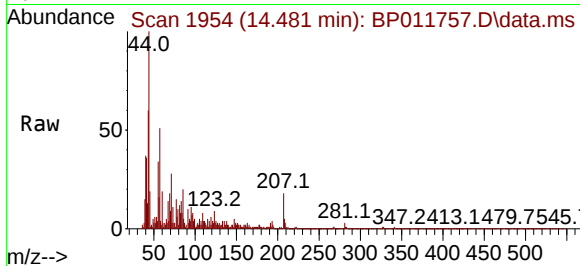




#53
3-Nitroaniline
Concen: 2.398 ng
RT: 14.481 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

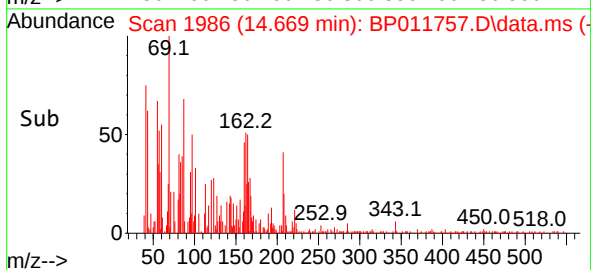
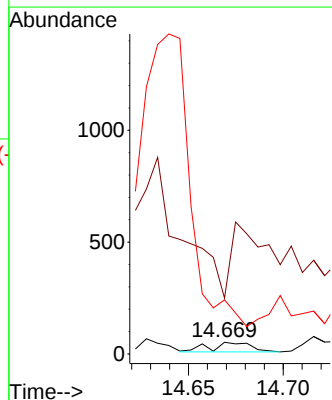
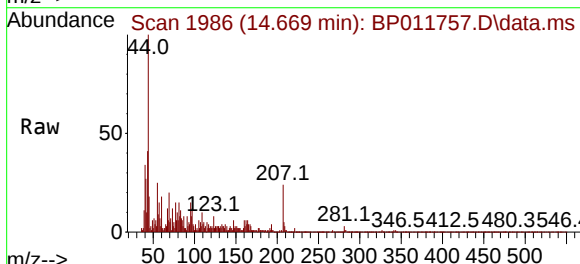
Instrument :
BNA_P
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WC-17-4-1

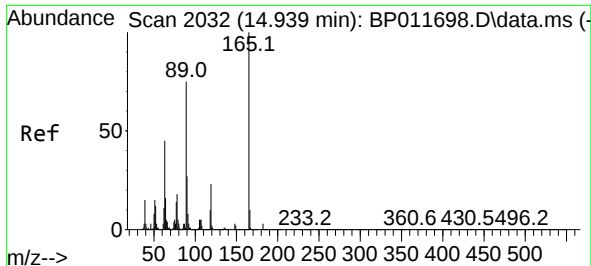
Tgt Ion:138 Resp: 311
Ion Ratio Lower Upper
138 100
108 53.3 9.5 14.3#
92 70.1 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.586 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 480.8 65.4 98.2#
154 465.4 55.4 83.2#

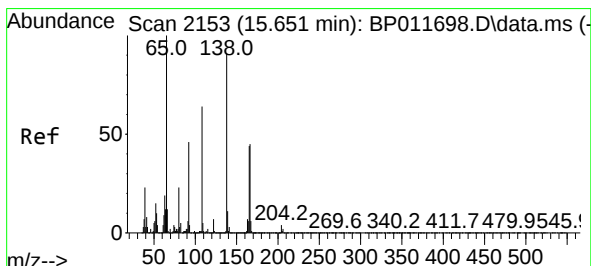
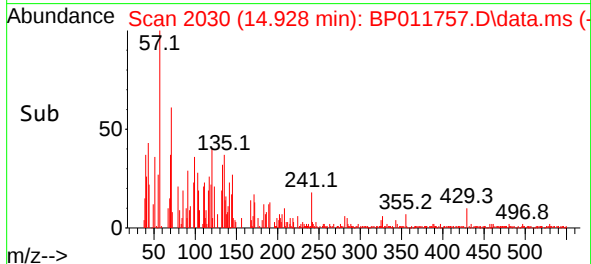
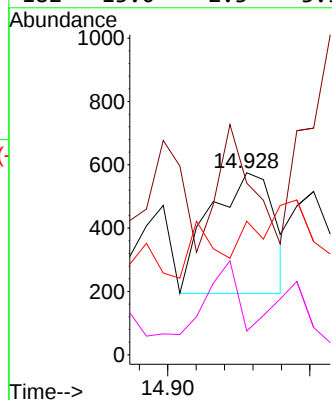
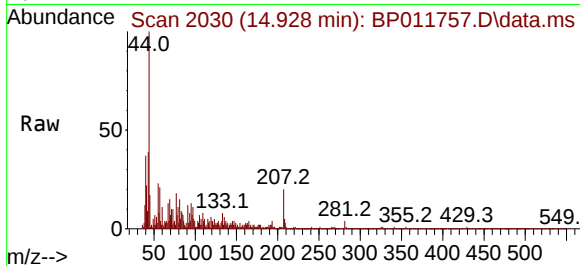




#57
2,4-Dinitrotoluene
Concen: 3.010 ng
RT: 14.928 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

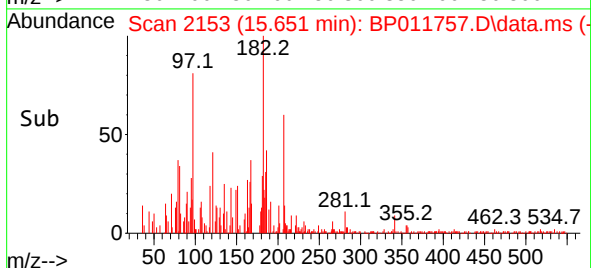
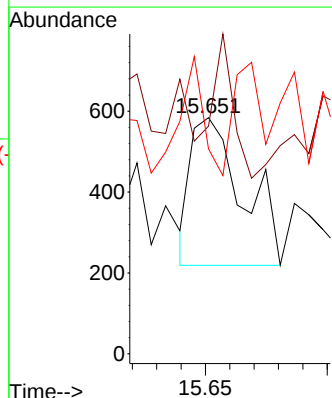
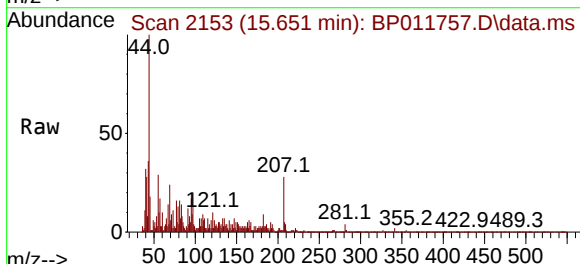
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1

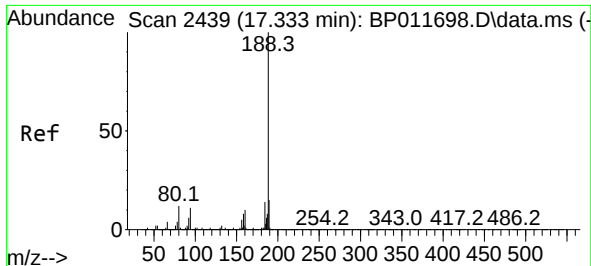
Tgt Ion:165 Resp: 599
Ion Ratio Lower Upper
165 100
63 94.3 46.2 69.2#
89 73.4 65.8 98.8
182 13.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.750 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.012 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Tgt Ion:138 Resp: 539
Ion Ratio Lower Upper
138 100
92 96.4 38.0 78.0#
108 86.8 77.6 117.6

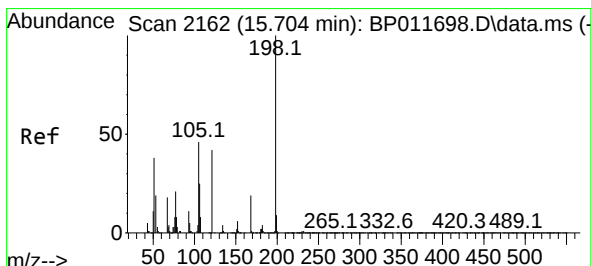
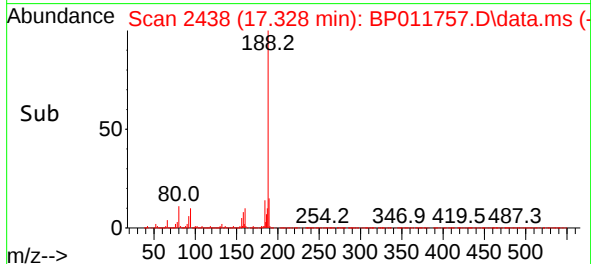
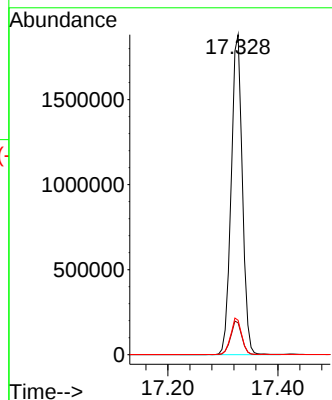
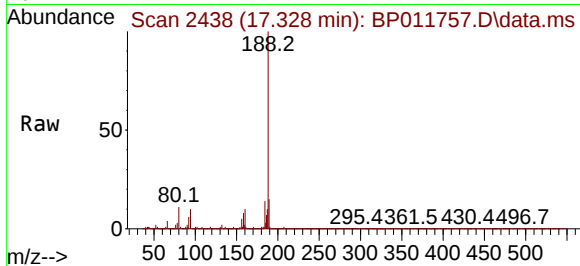




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

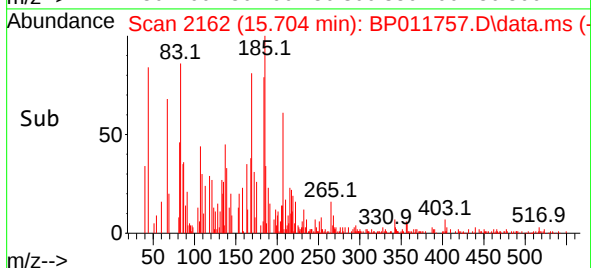
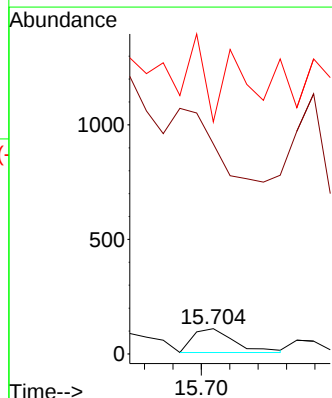
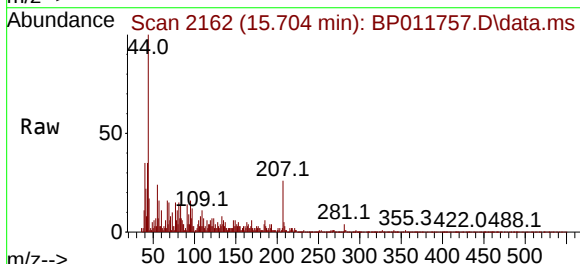
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1

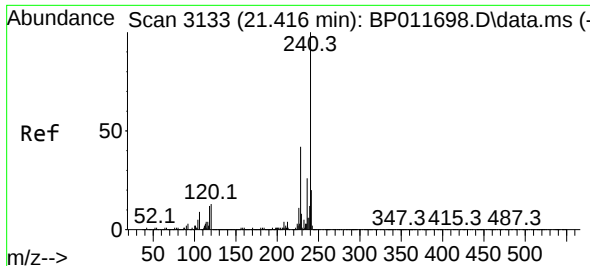
Tgt Ion:188 Resp: 2656657
Ion Ratio Lower Upper
188 100
94 10.0 6.6 10.0
80 10.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 5.860 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Tgt Ion:198 Resp: 106
Ion Ratio Lower Upper
198 100
51 833.6 41.2 81.2#
105 920.9 25.3 65.3#

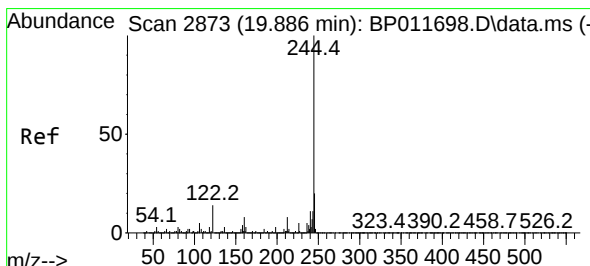
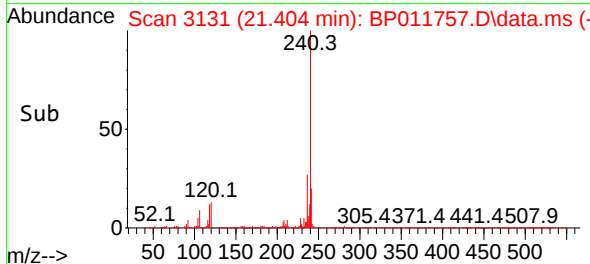
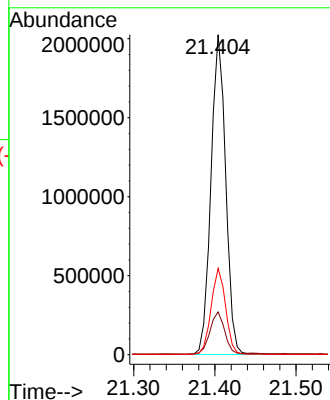
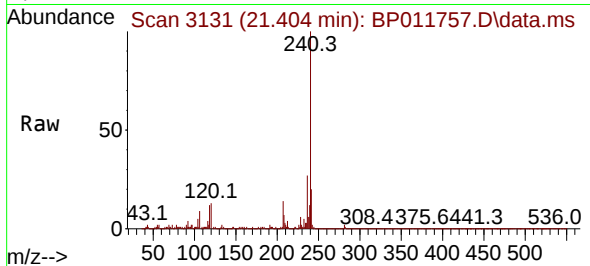




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

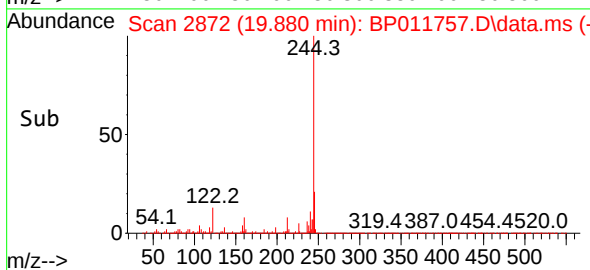
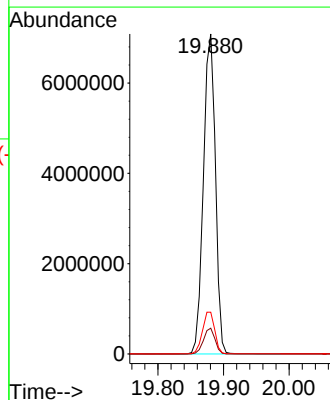
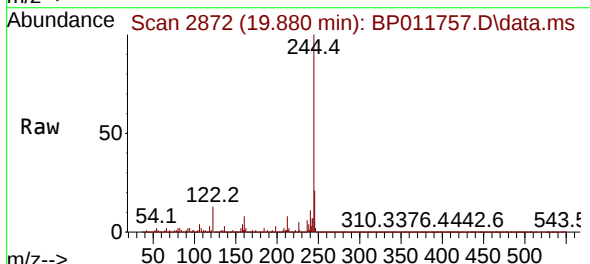
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1

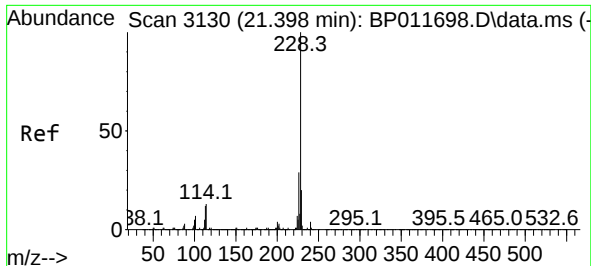
Tgt Ion:240 Resp: 2539064
Ion Ratio Lower Upper
240 100
120 13.4 8.6 12.8#
236 26.9 19.8 29.6



#79
Terphenyl-d14
Concen: 77.443 ng
RT: 19.880 min Scan# 2872
Delta R.T. 0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Tgt Ion:244 Resp: 9042380
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 13.0 7.6 11.4#

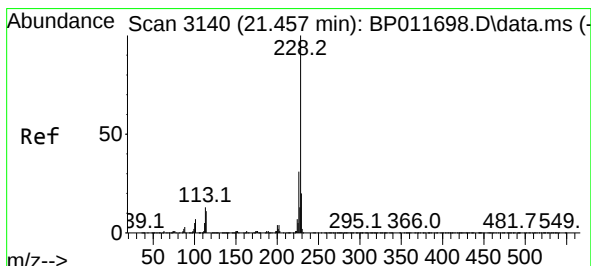
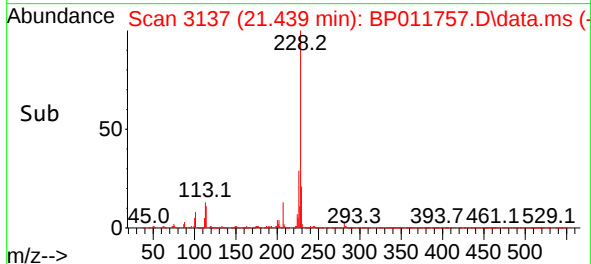
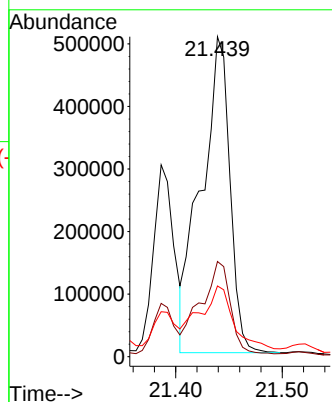
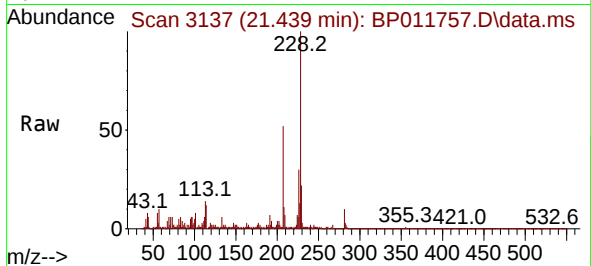




#81
Benzo(a)anthracene
Concen: 5.777 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.047 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

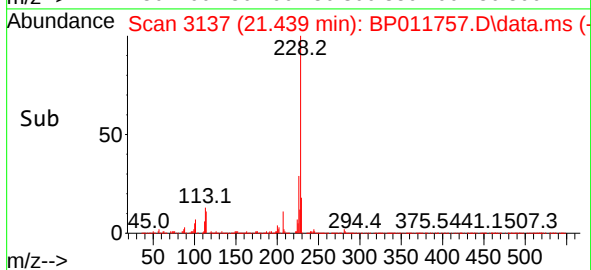
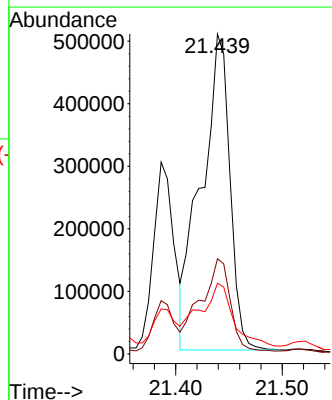
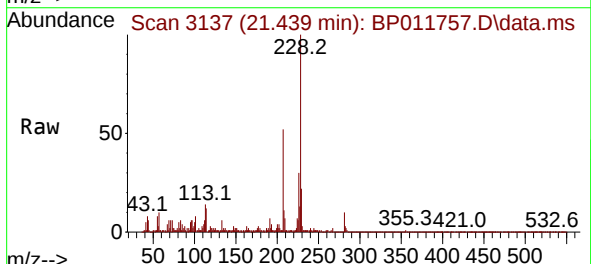
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1

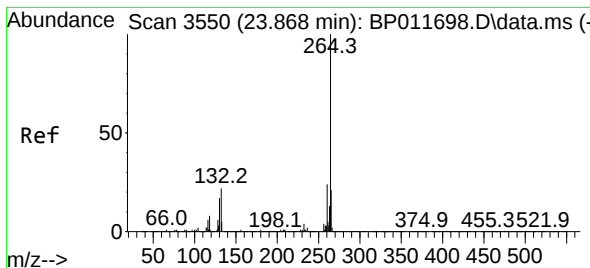
Tgt Ion:228 Resp: 945478
Ion Ratio Lower Upper
228 100
226 29.7 20.8 31.2
229 22.1 15.2 22.8



#83
Chrysene
Concen: 6.047 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Tgt Ion:228 Resp: 945478
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.2
229 22.1 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3550

Delta R.T. 0.000 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

Instrument :

BNA_P

ClientSampleId :

WC-17-4-1

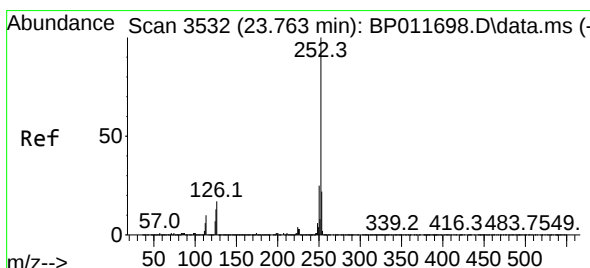
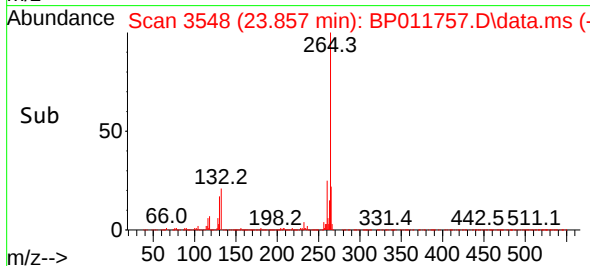
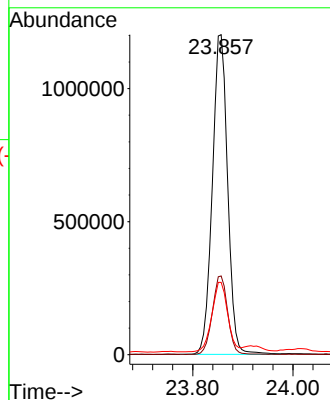
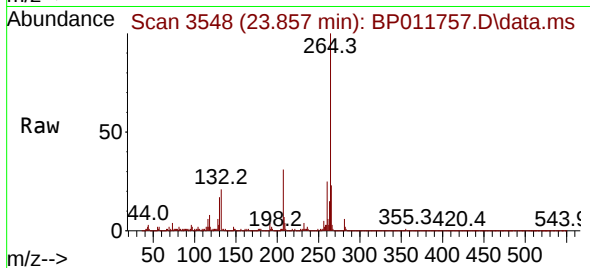
Tgt Ion:264 Resp: 2541898

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 22.6 18.0 27.0



#90

Benzo(a)pyrene

Concen: 2.552 ng

RT: 23.745 min Scan# 3529

Delta R.T. 0.000 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

Tgt Ion:252 Resp: 331458

Ion Ratio Lower Upper

252 100

253 24.1 17.0 25.6

125 17.7 7.9 11.9#

