

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011668.D
 Acq On : 09 Sep 2022 17:56
 Operator : CG/JU
 Sample : N4549-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-50D

Quant Time: Sep 10 00:54:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 00:48:09 2022
 Response via : Initial Calibration

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

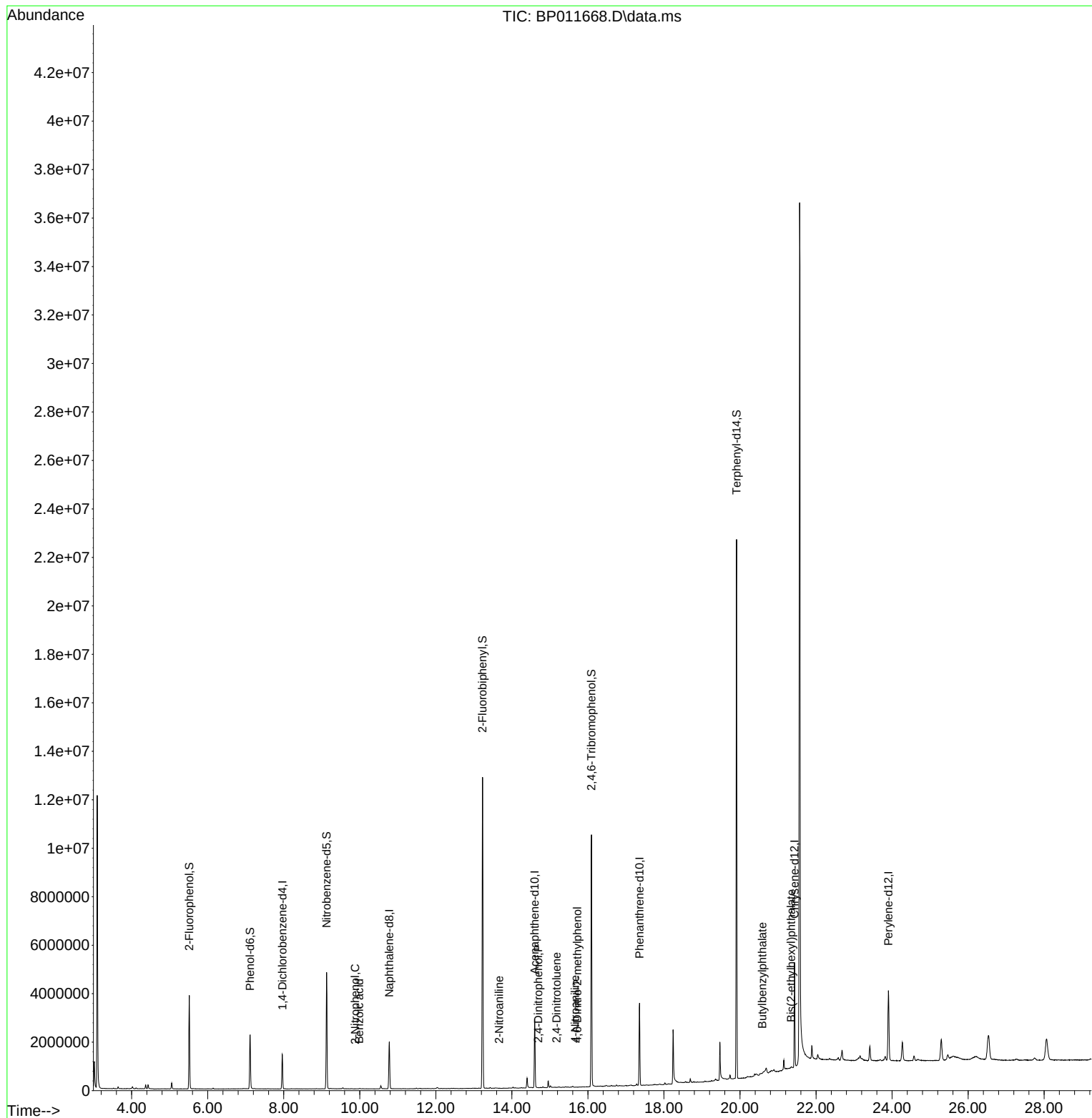
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	426515	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1689426	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	1003341	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2087386	20.000	ng	0.00
76) Chrysene-d12	21.433	240	2098336	20.000	ng	0.00
86) Perylene-d12	23.904	264	2238881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	1829873	75.878	ng	0.00
7) Phenol-d6	7.116	99	1402879	43.963	ng	0.00
23) Nitrobenzene-d5	9.128	82	2729654	99.180	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	2121830	187.173	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6946948	99.011	ng	0.00
79) Terphenyl-d14	19.910	244	10559129	105.398	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.875	139	91	4.896	ng	# 1
32) Benzoic acid	9.987	122	6272	8.951	ng	84
48) 2-Nitroaniline	13.663	65	369	3.424	ng	# 55
54) 2,4-Dinitrophenol	14.693	184	254	6.492	ng	# 1
57) 2,4-Dinitrotoluene	15.175	165	138	3.650	ng	91
62) 4-Nitroaniline	15.663	138	726	2.684	ng	# 73
65) 4,6-Dinitro-2-methylph...	15.722	198	114	7.900	ng	# 1
80) Butylbenzylphthalate	20.586	149	3751	3.773	ng	# 61
84) Bis(2-ethylhexyl)phtha...	21.345	149	14735	2.066	ng	# 96

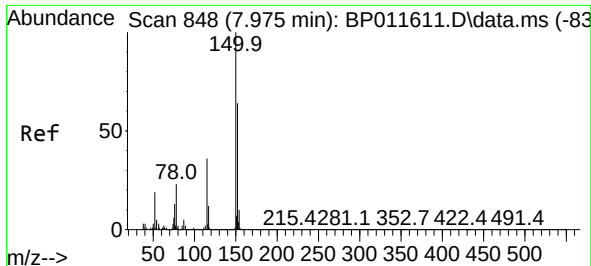
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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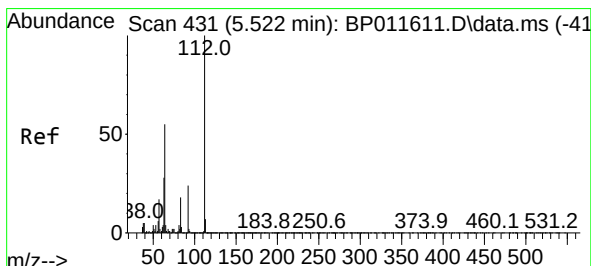
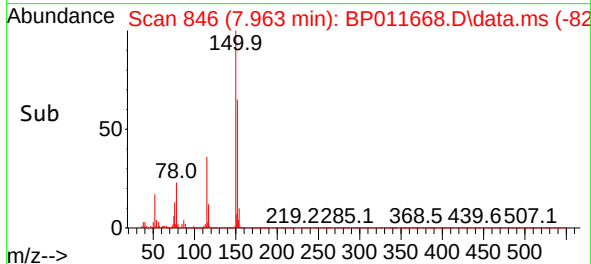
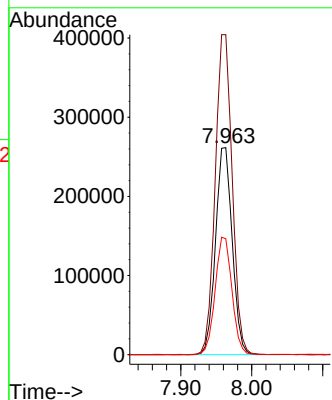
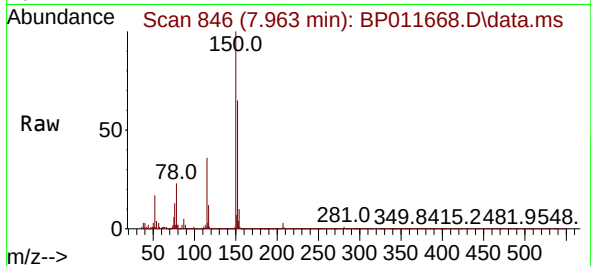




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.001 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

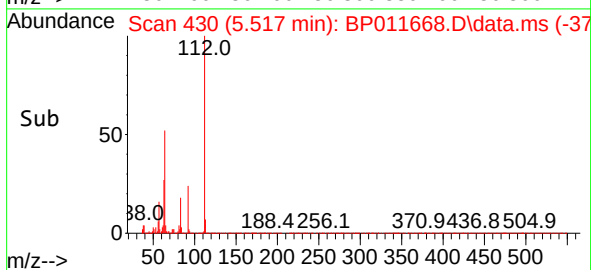
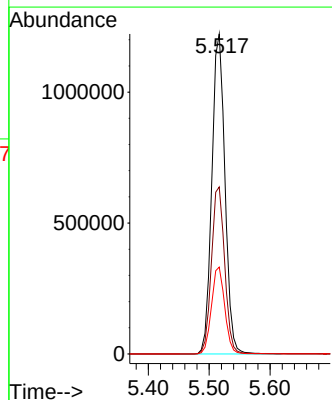
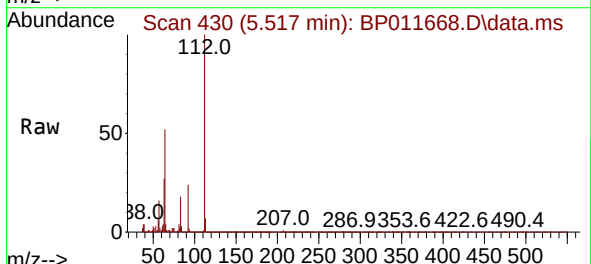
Instrument :
BNA_P
ClientSampleId :
MW-50D

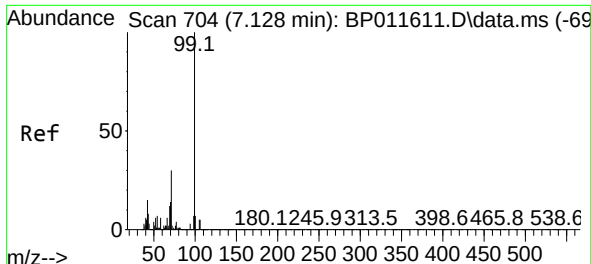
Tgt Ion:152 Resp: 426515
Ion Ratio Lower Upper
152 100
150 154.5 123.4 185.2
115 56.0 51.3 76.9



#5
2-Fluorophenol
Concen: 75.878 ng
RT: 5.517 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

Tgt Ion:112 Resp: 1829873
Ion Ratio Lower Upper
112 100
64 52.2 56.9 85.3#
63 27.2 31.2 46.8#



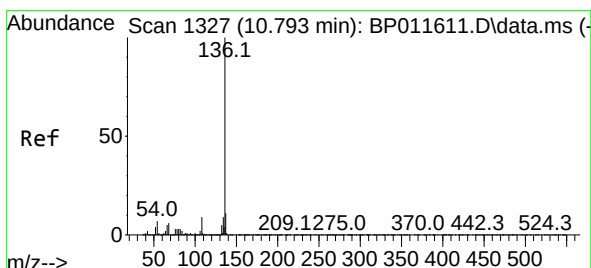
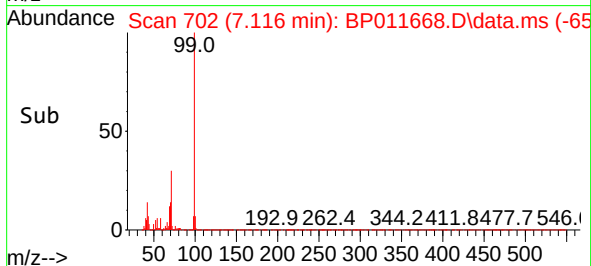
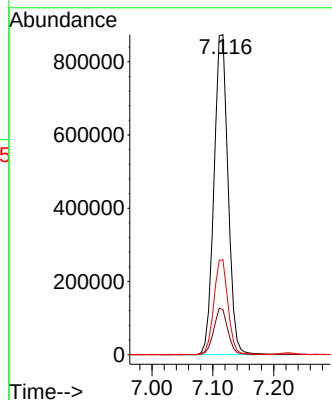
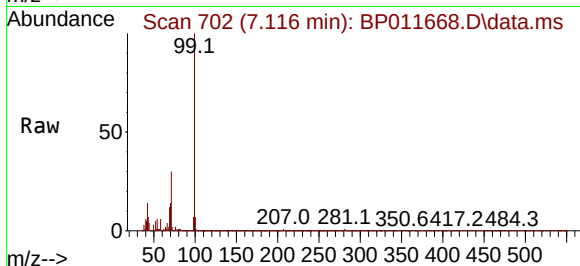


#7
Phenol-d6
Concen: 43.963 ng
RT: 7.116 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

Instrument :
BNA_P
ClientSampleId :
MW-50D

Tgt Ion: 99 Resp: 1402879

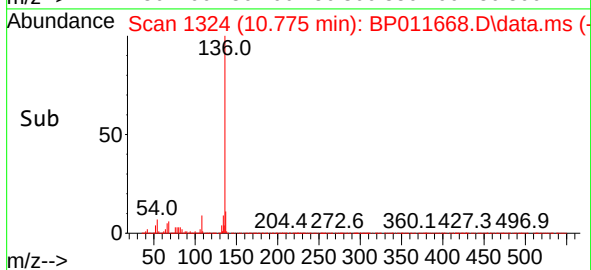
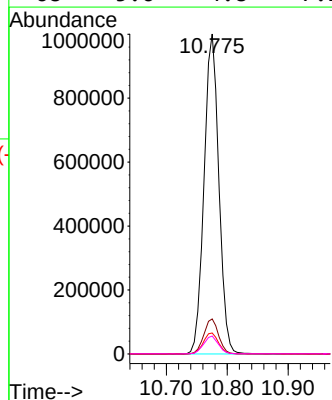
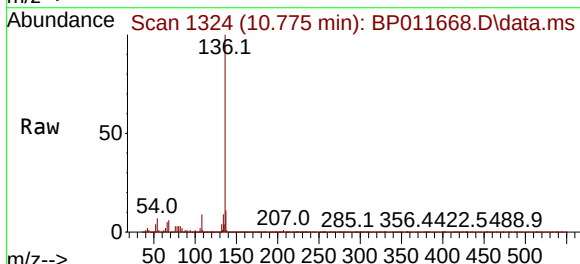
Ion	Ratio	Lower	Upper
99	100		
42	14.1	20.3	30.5#
71	29.7	33.9	50.9#

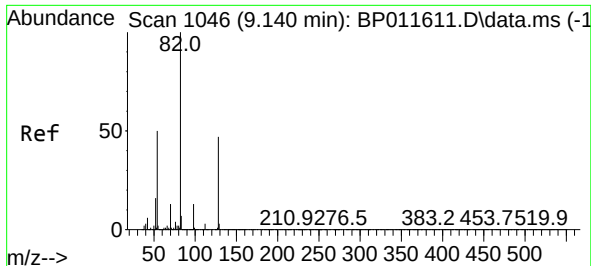


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

Tgt Ion: 136 Resp: 1689426

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	8.7	13.1#
68	5.6	4.8	7.2

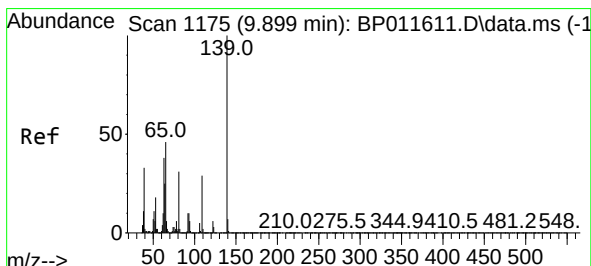
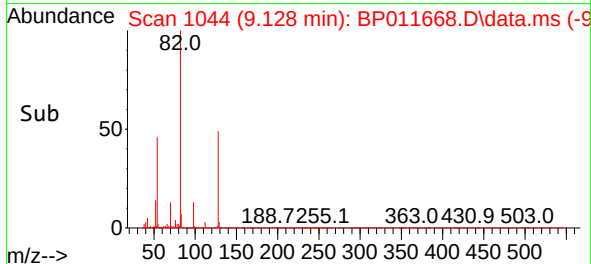
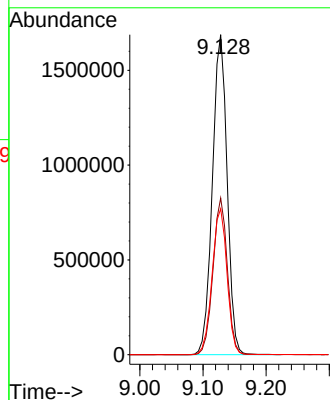
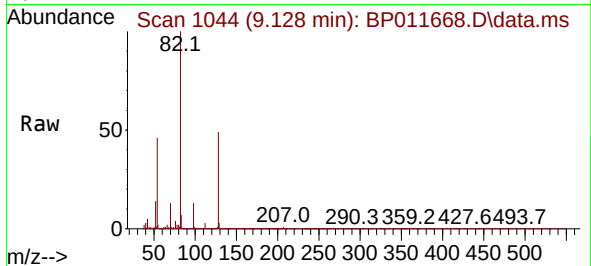




#23
Nitrobenzene-d5
Concen: 99.180 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

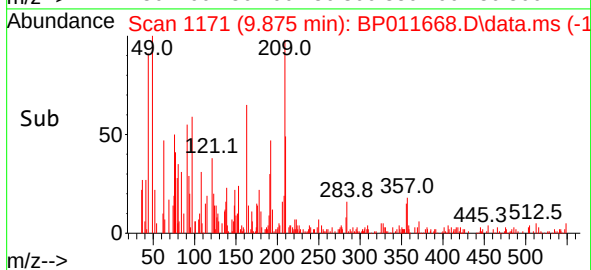
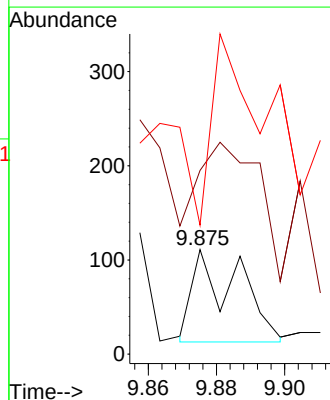
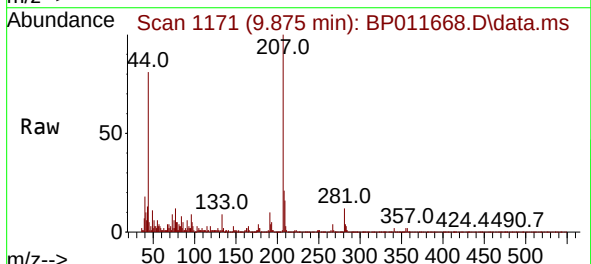
Instrument :
BNA_P
ClientSampleId :
MW-50D

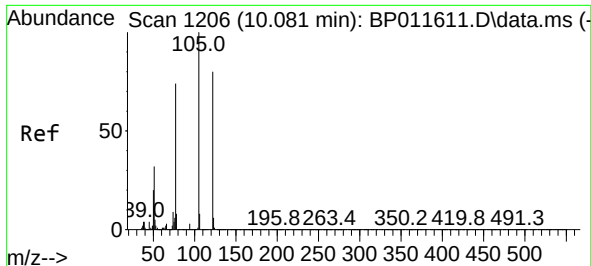
Tgt Ion: 82 Resp: 2729654
Ion Ratio Lower Upper
82 100
128 48.9 31.3 46.9#
54 45.6 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.896 ng
RT: 9.875 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

Tgt Ion:139 Resp: 91
Ion Ratio Lower Upper
139 100
109 175.7 30.2 45.4#
65 123.4 52.2 78.2#

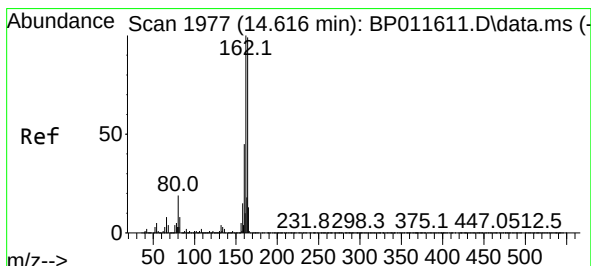
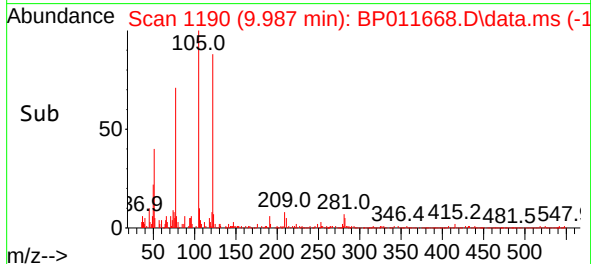
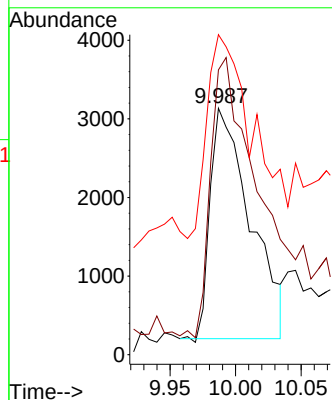
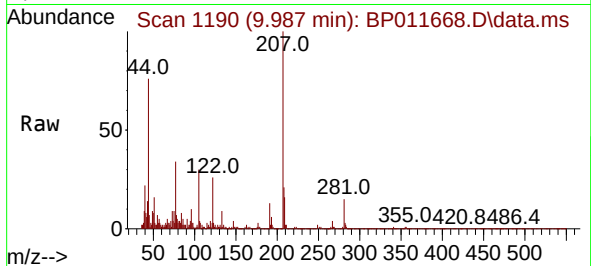




#32
Benzoic acid
Concen: 8.951 ng
RT: 9.987 min Scan# 1190
Delta R.T. -0.077 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

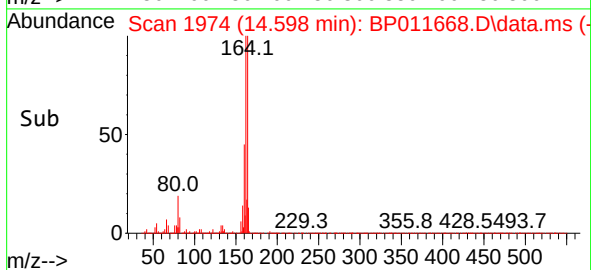
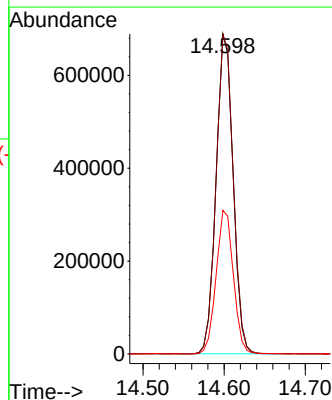
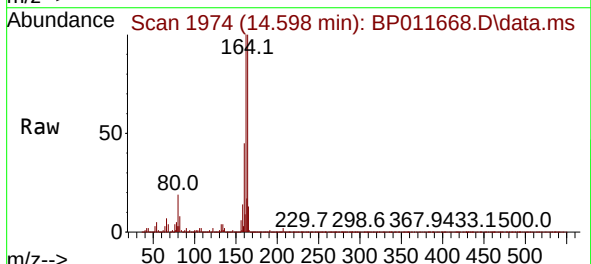
Instrument :
BNA_P
ClientSampleId :
MW-50D

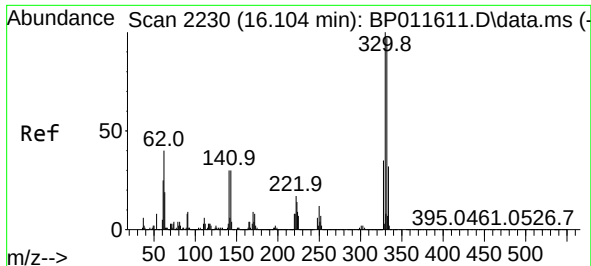
Tgt Ion:122 Resp: 6272
Ion Ratio Lower Upper
122 100
105 115.6 112.6 152.6
77 129.9 90.2 130.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

Tgt Ion:164 Resp: 1003341
Ion Ratio Lower Upper
164 100
162 99.9 81.9 122.9
160 44.9 34.6 51.8

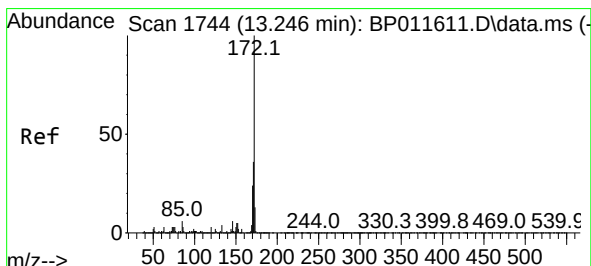
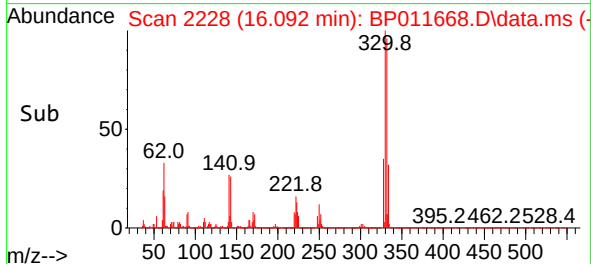
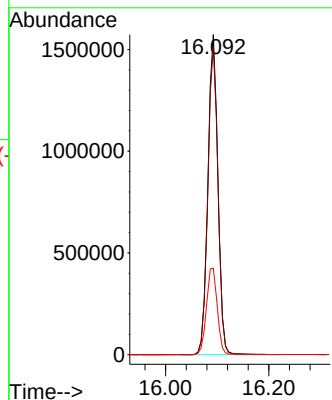
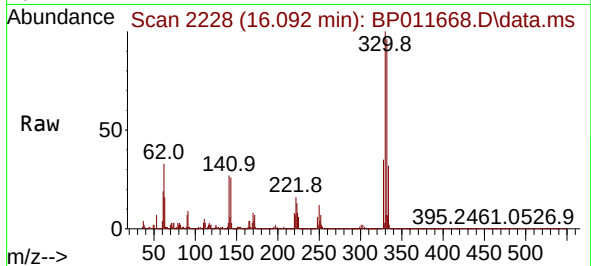




#42
2,4,6-Tribromophenol
Concen: 187.173 ng
RT: 16.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

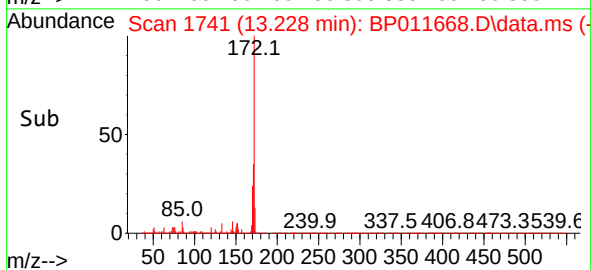
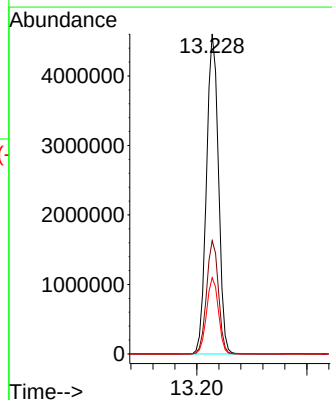
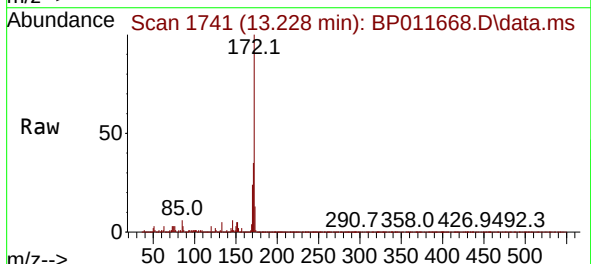
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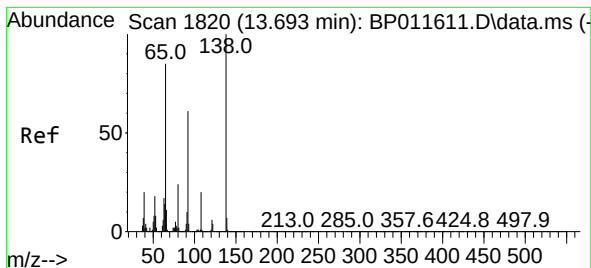
Tgt Ion:330 Resp: 2121830
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 29.2 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 99.011 ng
RT: 13.228 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

Tgt Ion:172 Resp: 6946948
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.8 18.2 27.2





#48

2-Nitroaniline

Concen: 3.424 ng

RT: 13.663 min Scan# 1820

Delta R.T. -0.018 min

Lab File: BP011668.D

Acq: 09 Sep 2022 17:56

Instrument :

BNA_P

ClientSampleId :

MW-50D

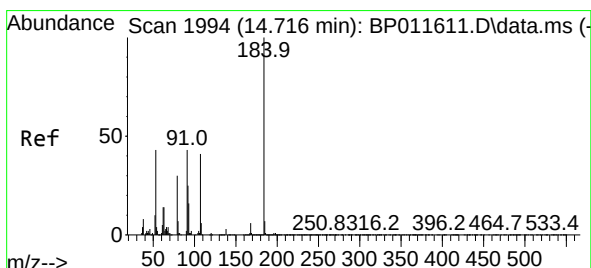
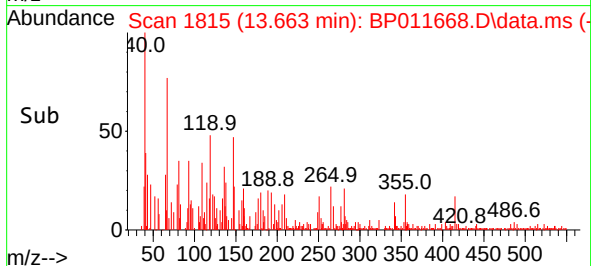
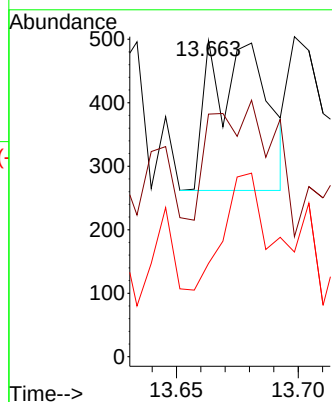
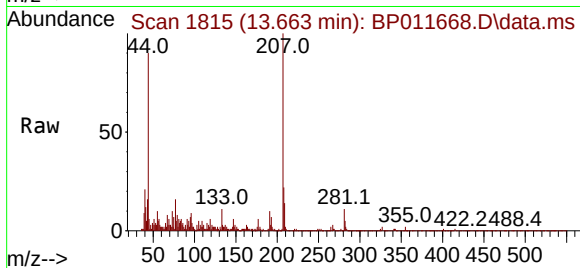
Tgt Ion: 65 Resp: 369

Ion Ratio Lower Upper

65 100

92 76.7 50.0 75.0#

138 29.5 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.492 ng

RT: 14.693 min Scan# 1990

Delta R.T. -0.012 min

Lab File: BP011668.D

Acq: 09 Sep 2022 17:56

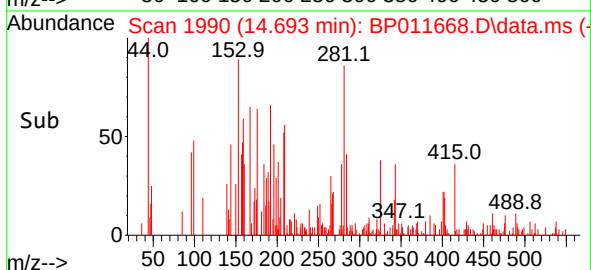
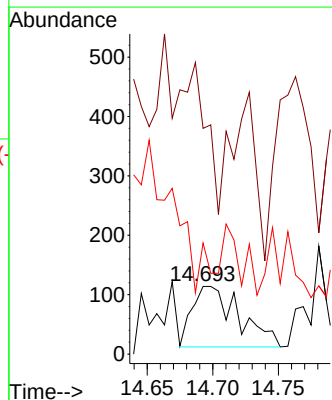
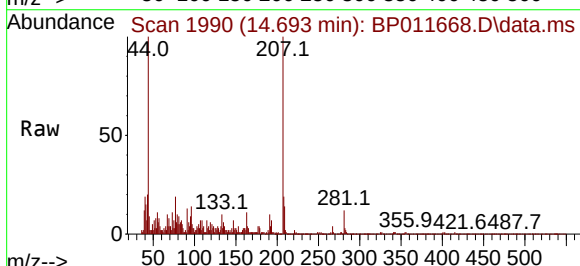
Tgt Ion: 184 Resp: 254

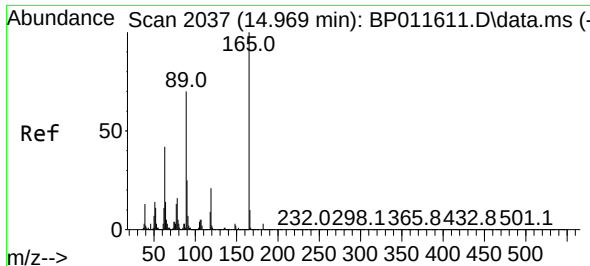
Ion Ratio Lower Upper

184 100

63 333.3 65.4 98.2#

154 164.0 55.4 83.2#

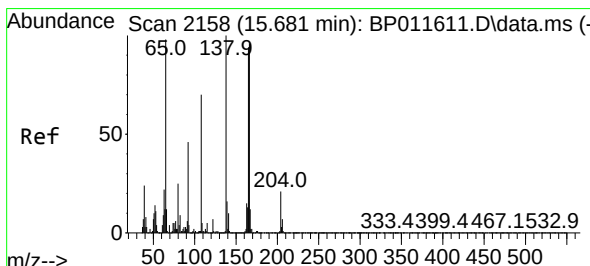
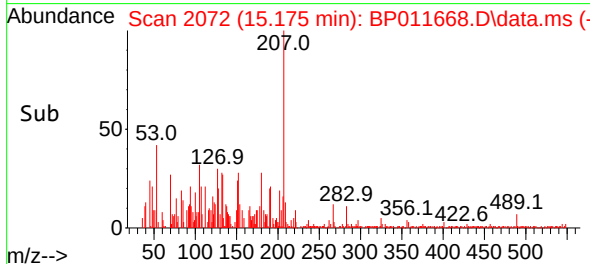
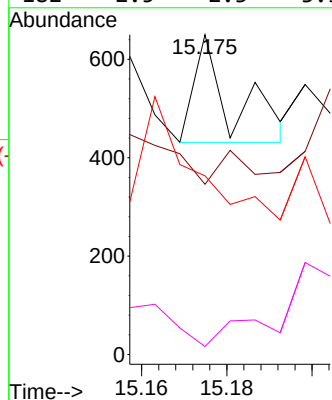
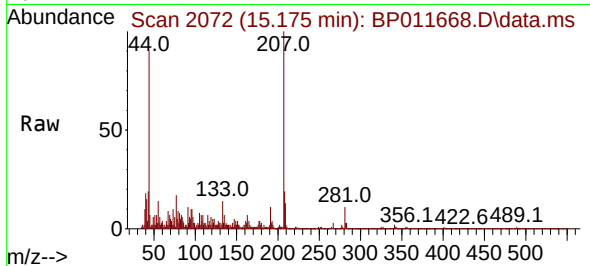




#57
2,4-Dinitrotoluene
Concen: 3.650 ng
RT: 15.175 min Scan# 20
Delta R.T. 0.212 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

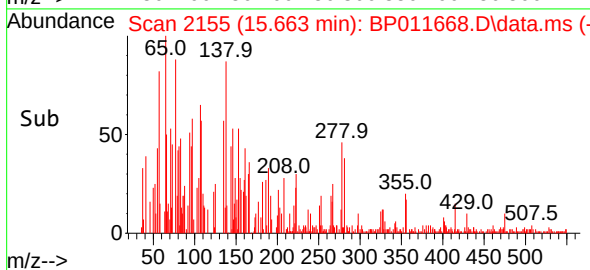
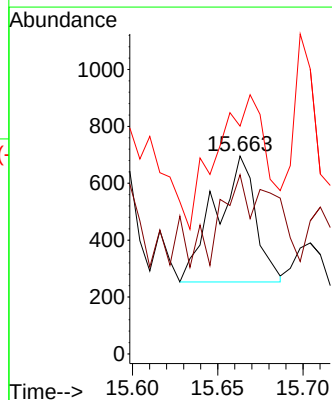
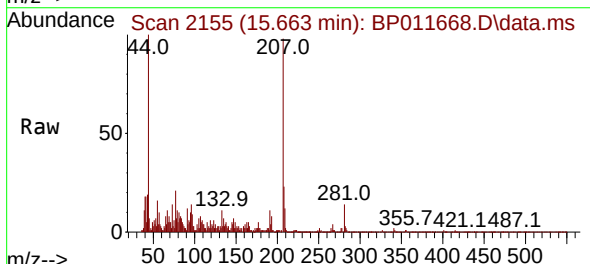
Instrument :
BNA_P
ClientSampleId :
MW-50D

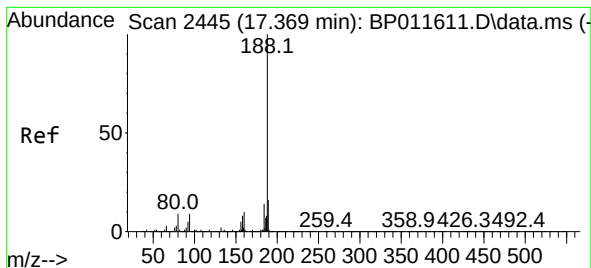
Tgt Ion:	165	Resp:	138
Ion Ratio	Lower	Upper	
165	100		
63	53.2	46.2	69.2
89	72.2	65.8	98.8
182	2.5	2.3	3.5



#62
4-Nitroaniline
Concen: 2.684 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

Tgt Ion:	138	Resp:	726
Ion Ratio	Lower	Upper	
138	100		
92	90.5	38.0	78.0#
108	115.1	77.6	117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP011668.D

Acq: 09 Sep 2022 17:56

Instrument :

BNA_P

ClientSampleId :

MW-50D

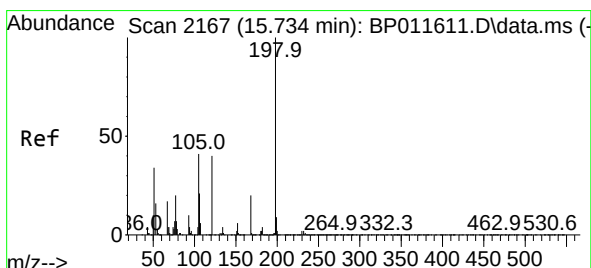
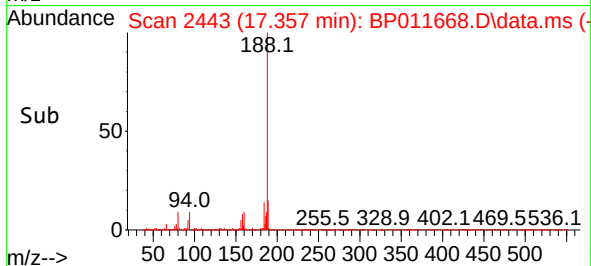
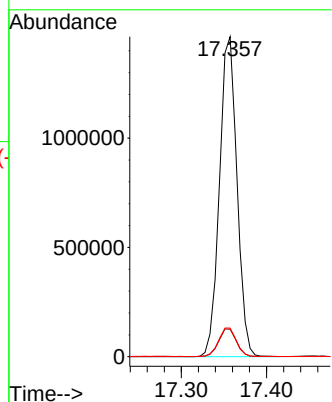
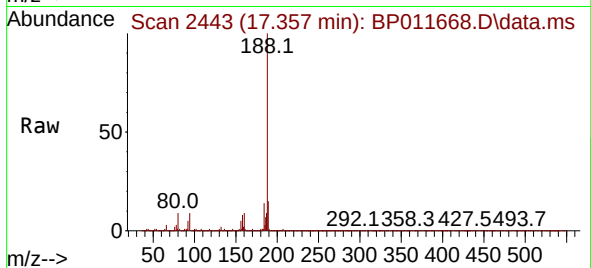
Tgt Ion:188 Resp: 2087386

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 8.9 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 7.900 ng

RT: 15.722 min Scan# 2165

Delta R.T. -0.000 min

Lab File: BP011668.D

Acq: 09 Sep 2022 17:56

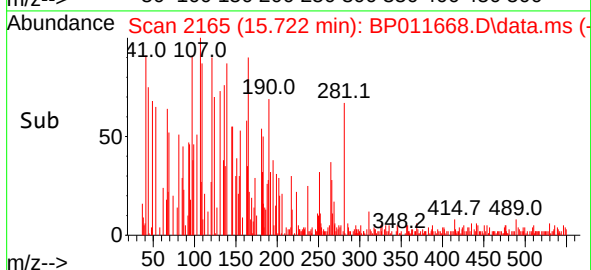
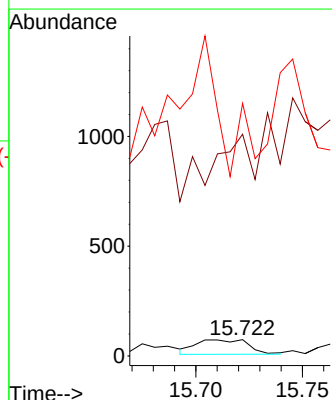
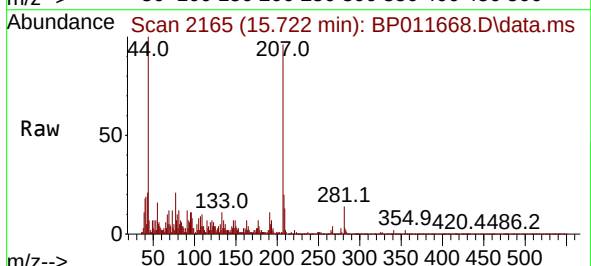
Tgt Ion:198 Resp: 114

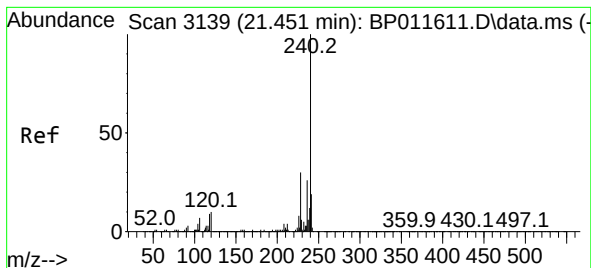
Ion Ratio Lower Upper

198 100

51 1364.9 41.2 81.2#

105 1555.4 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP011668.D

Acq: 09 Sep 2022 17:56

Instrument :

BNA_P

ClientSampleId :

MW-50D

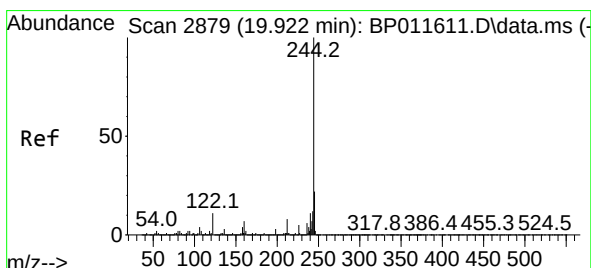
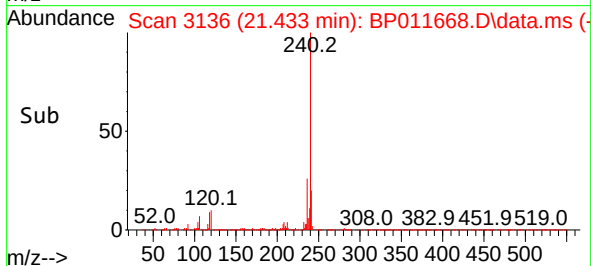
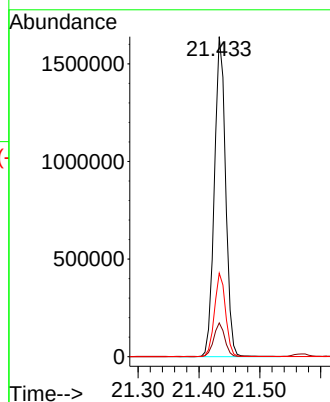
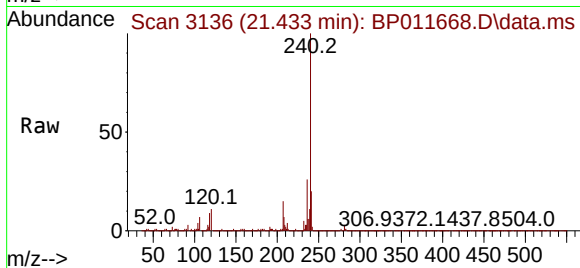
Tgt Ion:240 Resp: 2098336

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 26.1 19.8 29.6



#79

Terphenyl-d14

Concen: 105.398 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BP011668.D

Acq: 09 Sep 2022 17:56

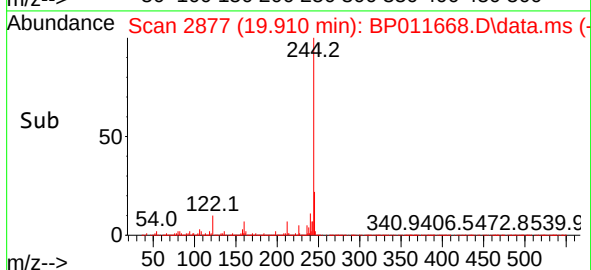
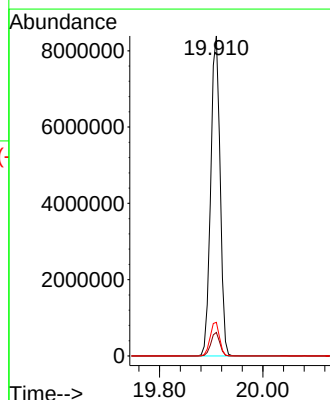
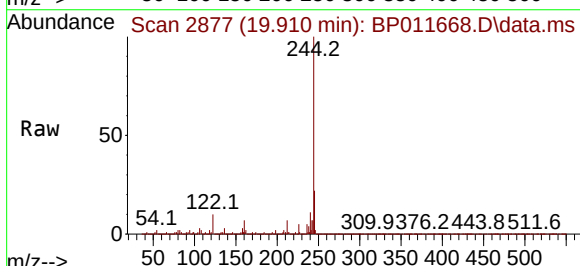
Tgt Ion:244 Resp:10559129

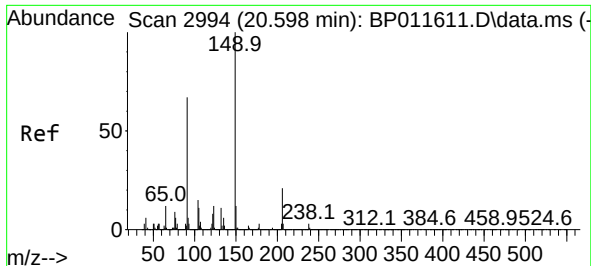
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.5 7.6 11.4

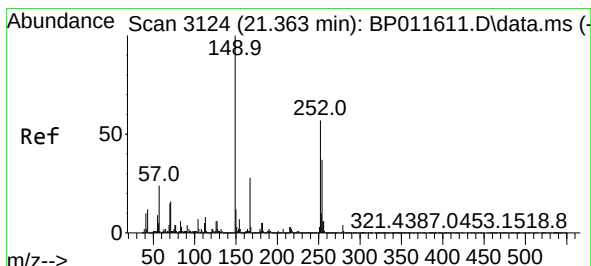
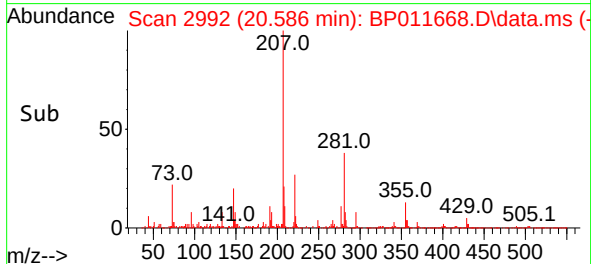
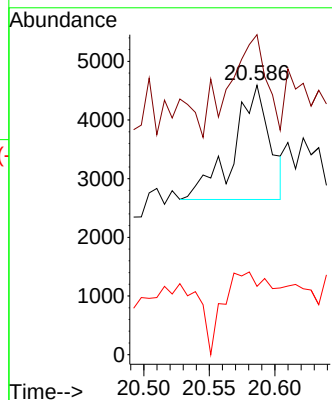
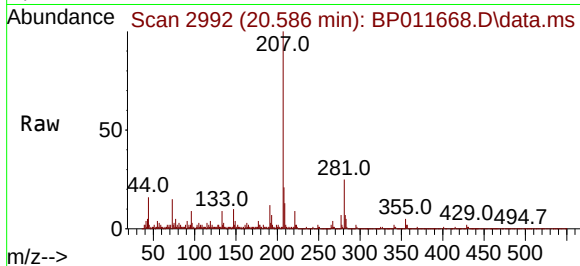




#80
Butylbenzylphthalate
Concen: 3.773 ng
RT: 20.586 min Scan# 2992
Delta R.T. -0.000 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

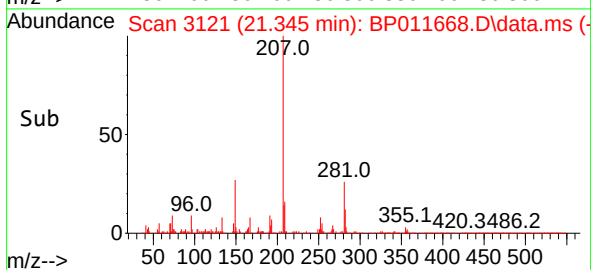
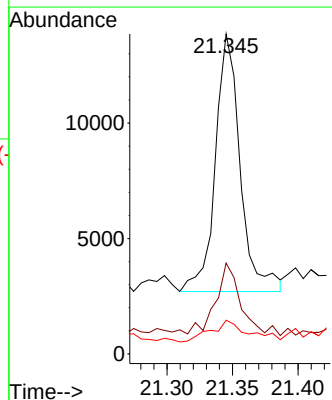
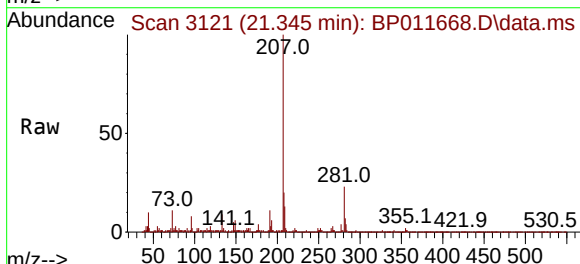
Instrument :
BNA_P
ClientSampleId :
MW-50D

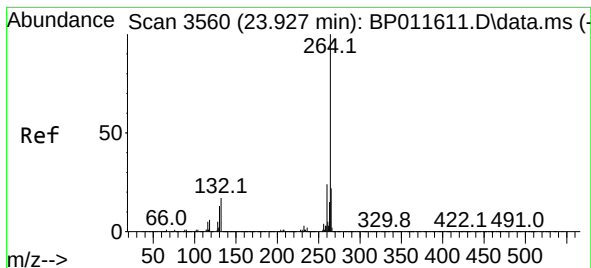
Tgt Ion:149 Resp: 3751
Ion Ratio Lower Upper
149 100
91 118.7 62.5 93.7#
206 25.3 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.066 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP011668.D
Acq: 09 Sep 2022 17:56

Tgt Ion:149 Resp: 14735
Ion Ratio Lower Upper
149 100
167 28.4 21.8 32.8
279 10.6 3.7 5.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.904 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011668.D

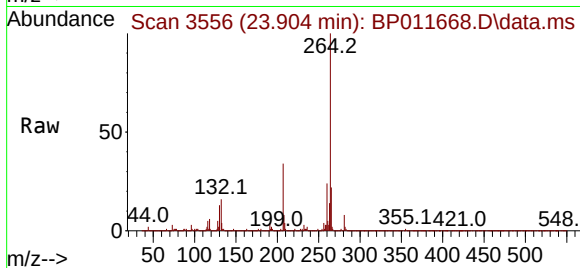
Acq: 09 Sep 2022 17:56

Instrument :

BNA_P

ClientSampleId :

MW-50D



Tgt Ion:264 Resp: 2238881

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.4 18.0 27.0

