

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011677.D
 Acq On : 09 Sep 2022 23:08
 Operator : CG/JU
 Sample : N4549-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-63

Quant Time: Sep 10 00:59:19 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)

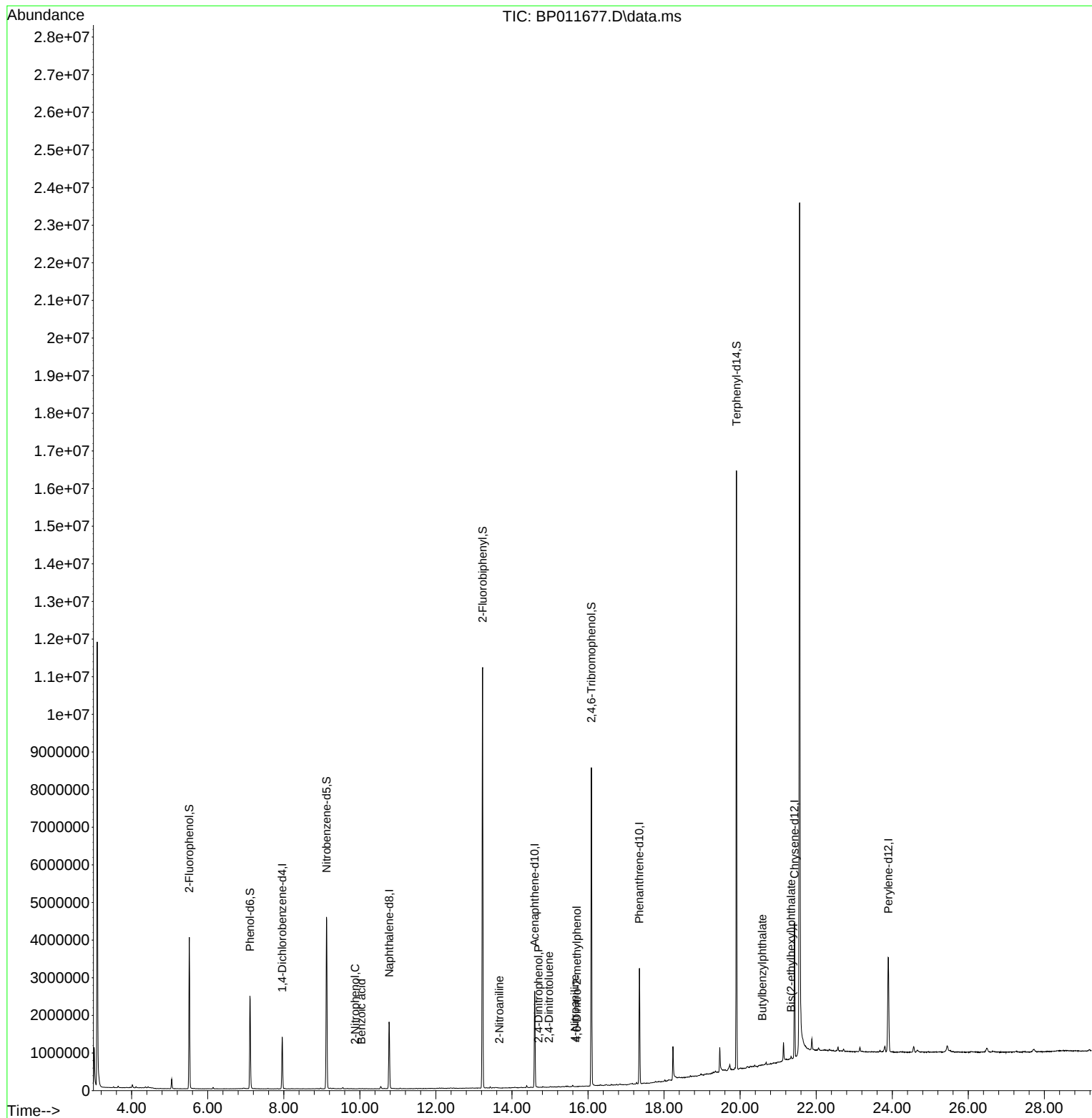
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	387155	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1559785	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	891242	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1805083	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1759917	20.000	ng	-0.01
86) Perylene-d12	23.898	264	1857598	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	1855589	84.767	ng	0.00
7) Phenol-d6	7.111	99	1510456	52.146	ng	0.00
23) Nitrobenzene-d5	9.122	82	2683305	105.599	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	1509371	149.893	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	5967711	95.752	ng	0.00
79) Terphenyl-d14	19.904	244	7207632	85.779	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.875	139	44	4.893	ng	# 1
32) Benzoic acid	10.040	122	167	8.609	ng	# 1
48) 2-Nitroaniline	13.669	65	209	3.416	ng	# 70
54) 2,4-Dinitrophenol	14.698	184	122	6.473	ng	# 1
57) 2,4-Dinitrotoluene	14.969	165	429	3.666	ng	# 87
62) 4-Nitroaniline	15.657	138	204	2.657	ng	# 45
65) 4,6-Dinitro-2-methylph...	15.704	198	77	7.898	ng	# 1
80) Butylbenzylphthalate	20.580	149	2030	3.751	ng	# 28
84) Bis(2-ethylhexyl)phtha...	21.339	149	20768	2.183	ng	# 91

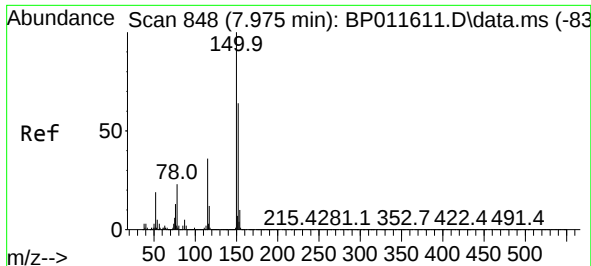
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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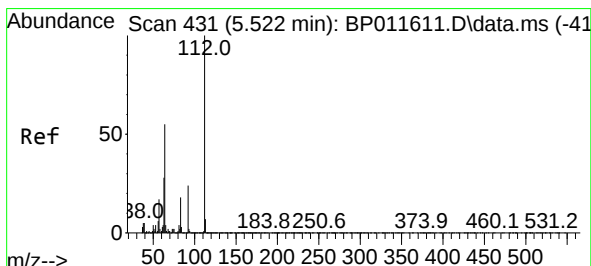
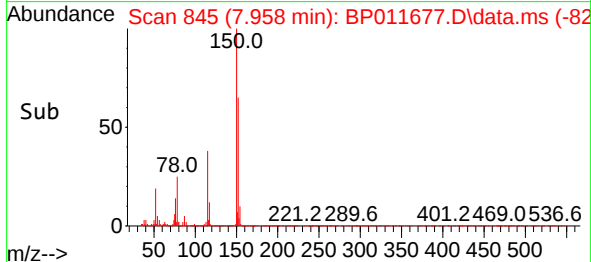
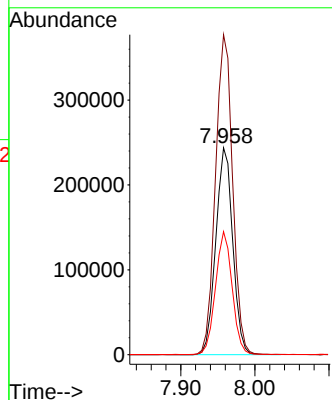
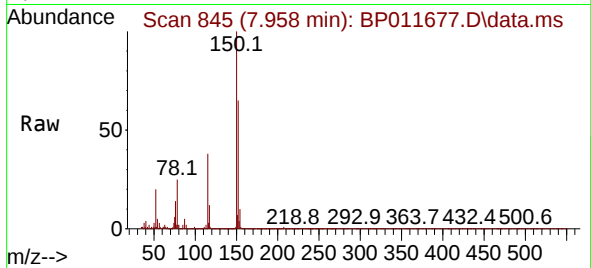




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

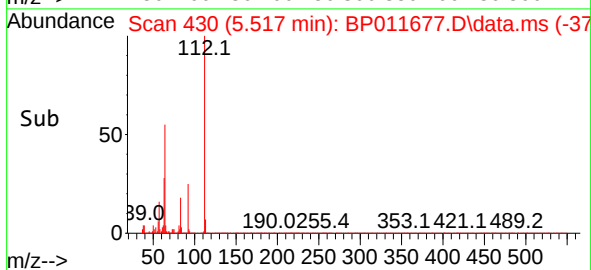
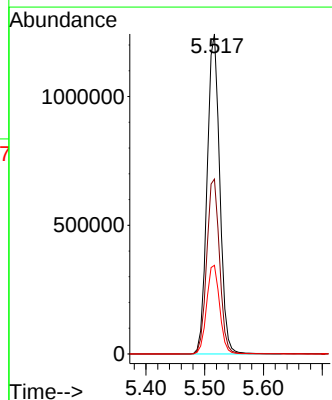
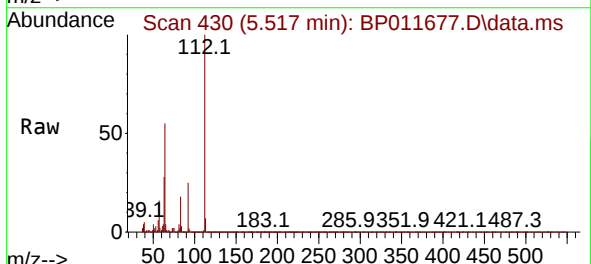
Instrument :
BNA_P
ClientSampleId :
MW-63

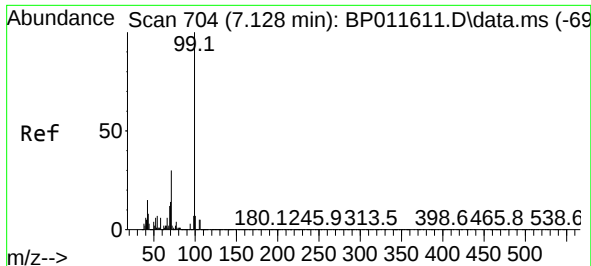
Tgt Ion:152 Resp: 387155
Ion Ratio Lower Upper
152 100
150 154.6 123.4 185.2
115 59.5 51.3 76.9



#5
2-Fluorophenol
Concen: 84.767 ng
RT: 5.517 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

Tgt Ion:112 Resp: 1855589
Ion Ratio Lower Upper
112 100
64 54.6 56.9 85.3#
63 27.7 31.2 46.8#

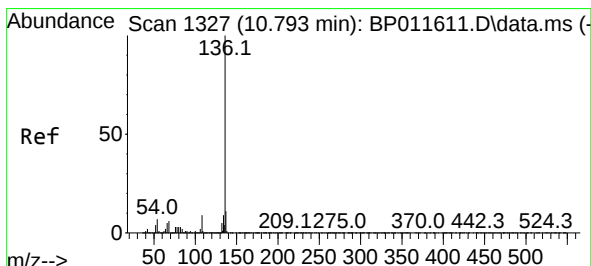
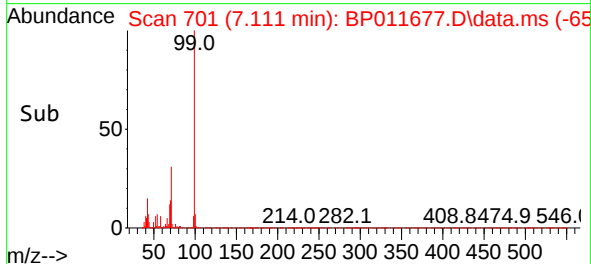
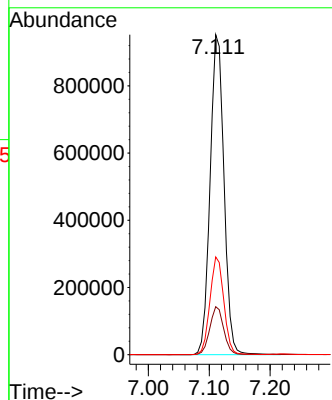
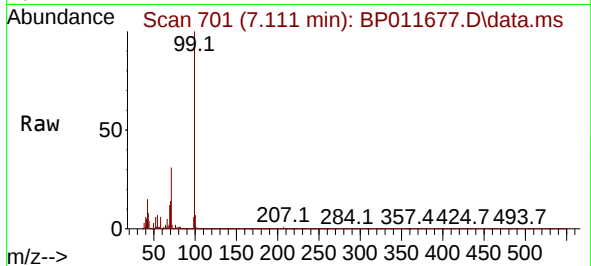




#7
Phenol-d6
Concen: 52.146 ng
RT: 7.111 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

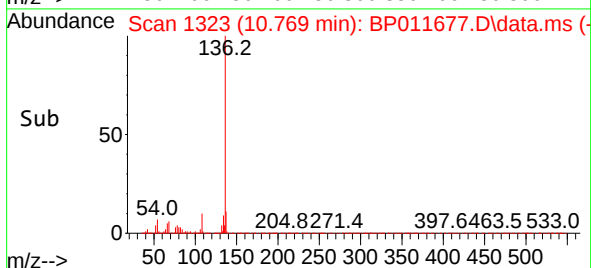
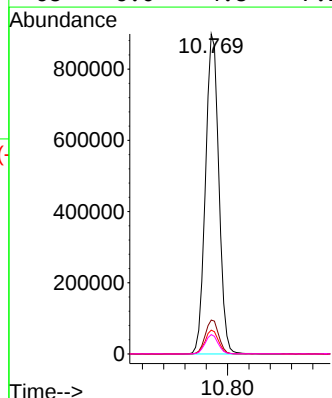
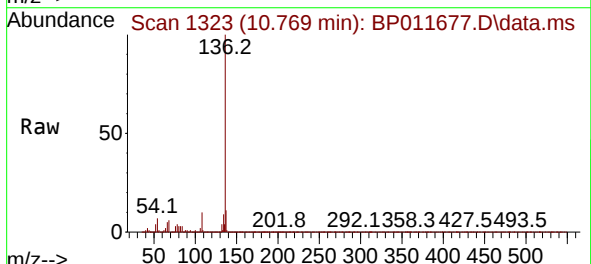
Instrument :
BNA_P
ClientSampleId :
MW-63

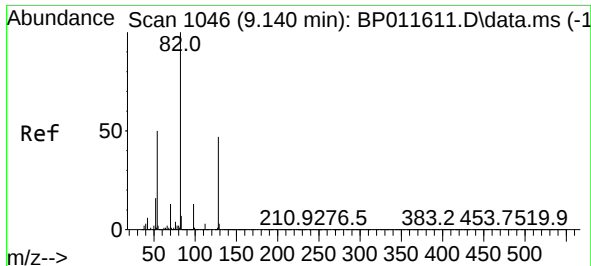
Tgt Ion: 99 Resp: 1510456
Ion Ratio Lower Upper
99 100
42 15.0 20.3 30.5#
71 30.6 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

Tgt Ion: 136 Resp: 1559785
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 7.4 8.7 13.1#
68 6.0 4.8 7.2

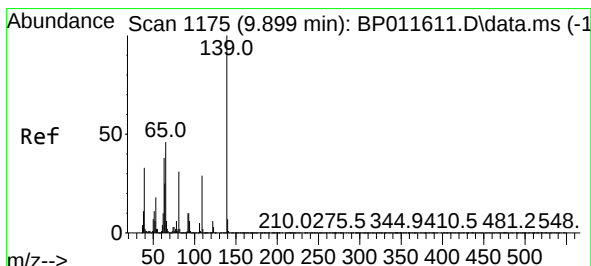
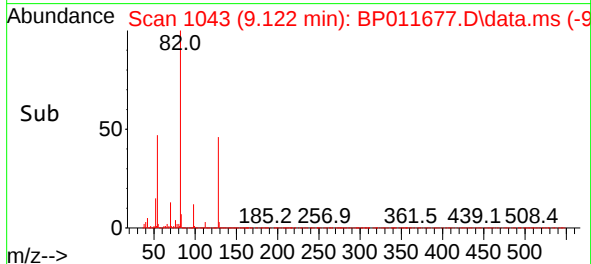
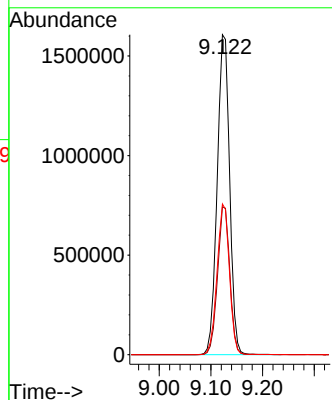
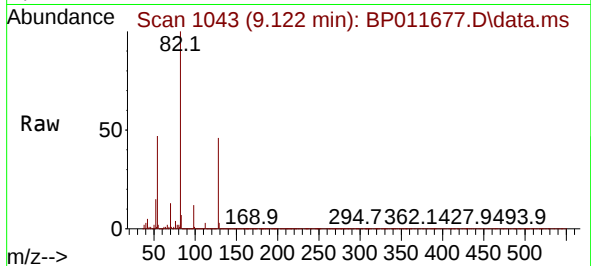




#23
Nitrobenzene-d5
Concen: 105.599 ng
RT: 9.122 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

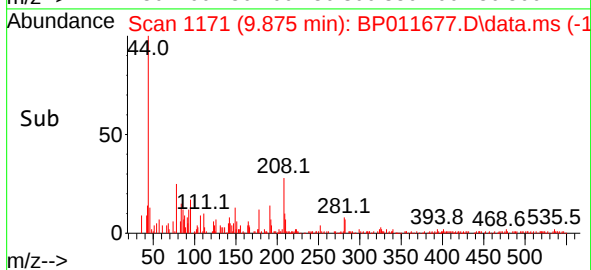
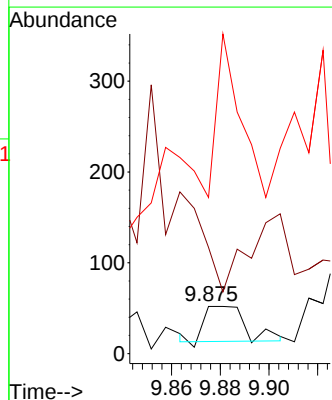
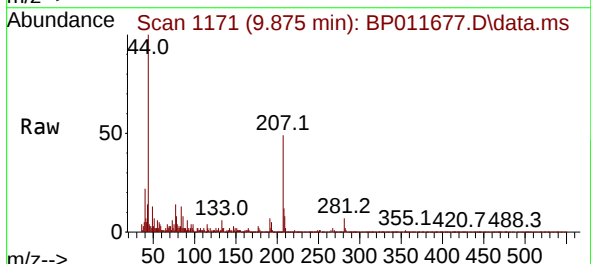
Instrument :
BNA_P
ClientSampleId :
MW-63

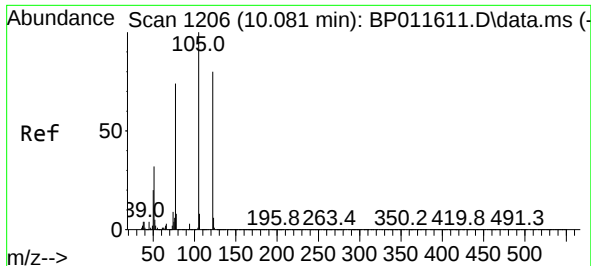
Tgt Ion: 82 Resp: 2683305
Ion Ratio Lower Upper
82 100
128 46.2 31.3 46.9
54 47.1 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.893 ng
RT: 9.875 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

Tgt Ion:139 Resp: 44
Ion Ratio Lower Upper
139 100
109 225.0 30.2 45.4#
65 330.8 52.2 78.2#

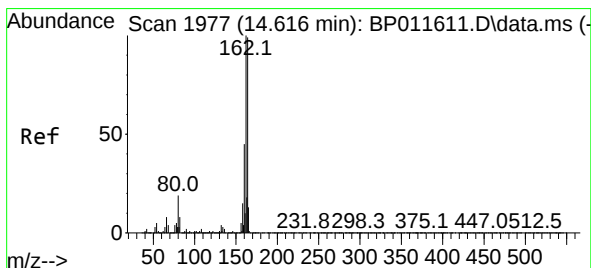
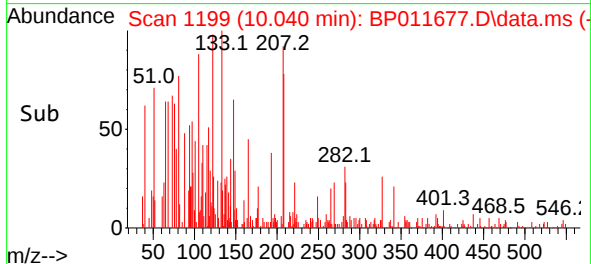
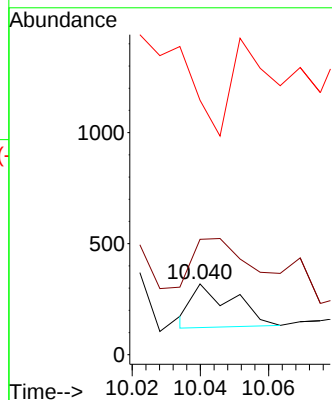
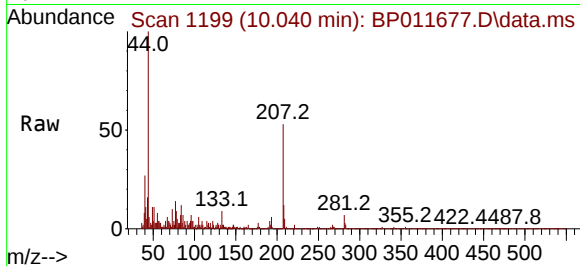




#32
Benzoic acid
Concen: 8.609 ng
RT: 10.040 min Scan# 1199
Delta R.T. -0.024 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

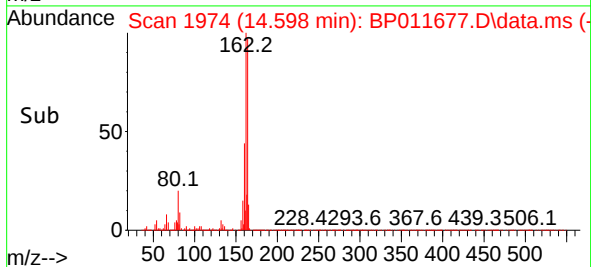
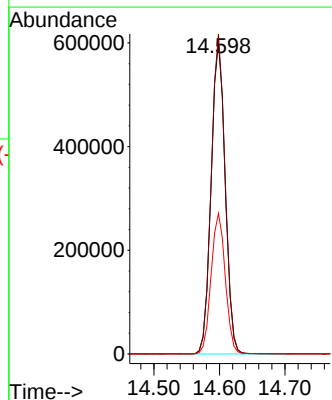
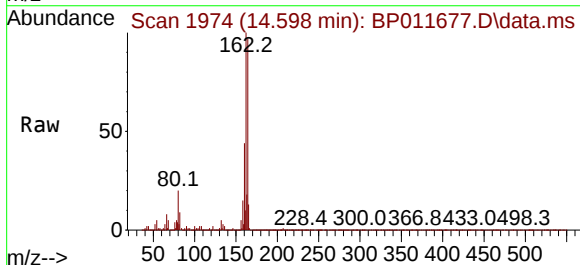
Instrument :
BNA_P
ClientSampleId :
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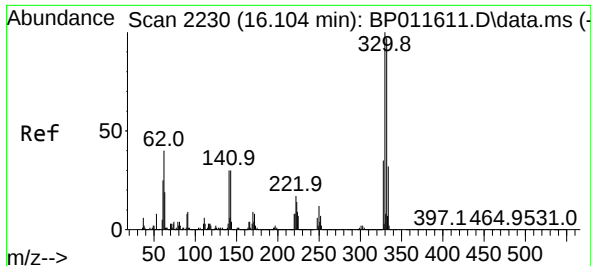
Tgt Ion:122 Resp: 167
Ion Ratio Lower Upper
122 100
105 163.0 112.6 152.6#
77 359.2 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

Tgt Ion:164 Resp: 891242
Ion Ratio Lower Upper
164 100
162 102.9 81.9 122.9
160 45.3 34.6 51.8

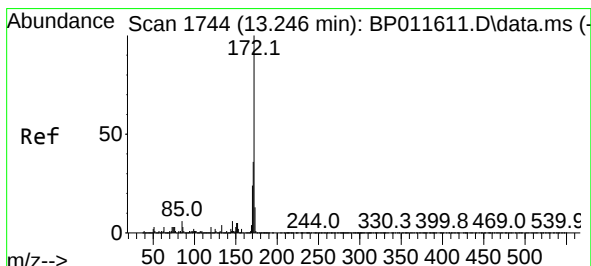
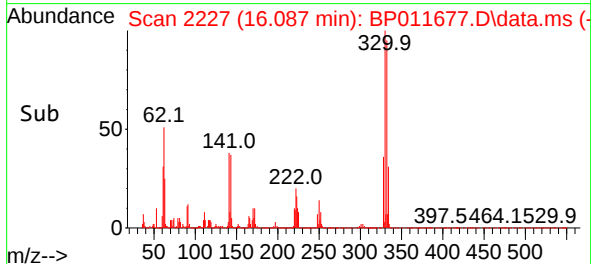
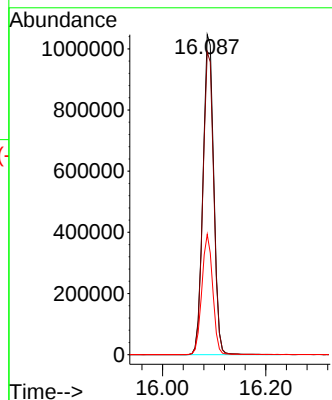
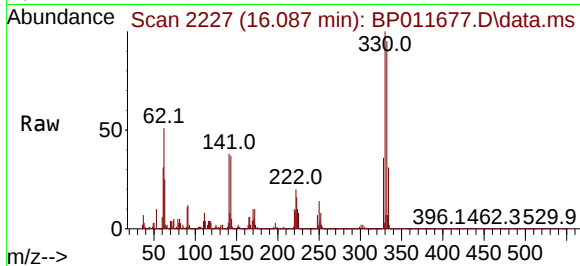




#42
2,4,6-Tribromophenol
Concen: 149.893 ng
RT: 16.087 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

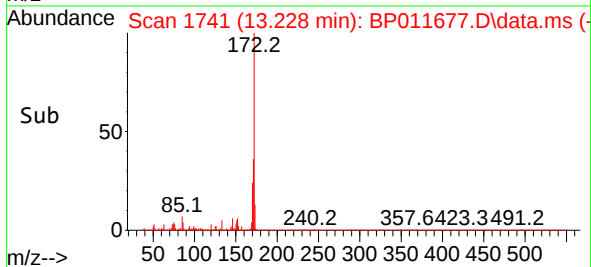
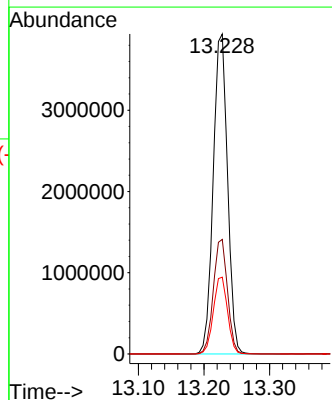
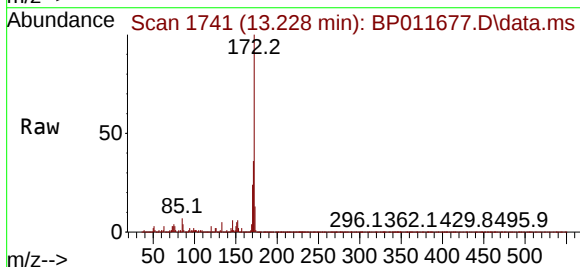
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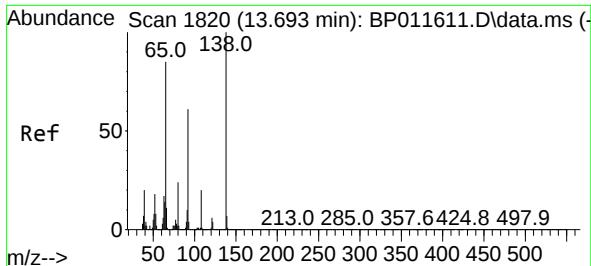
Tgt Ion:330 Resp: 1509371
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 37.9 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 95.752 ng
RT: 13.228 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

Tgt Ion:172 Resp: 5967711
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.0 18.2 27.2

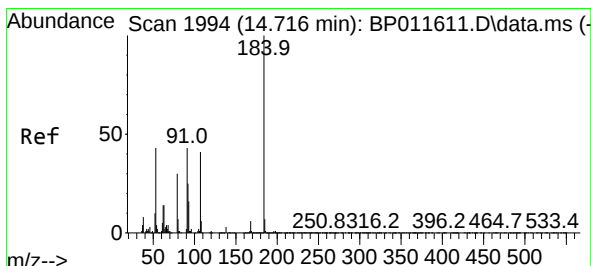
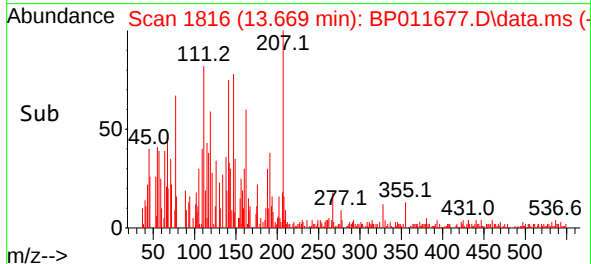
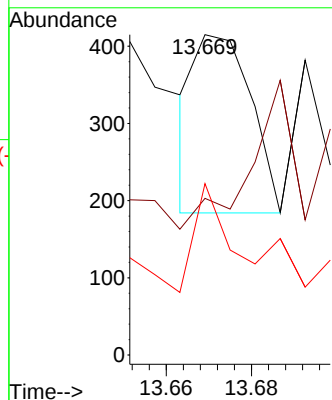
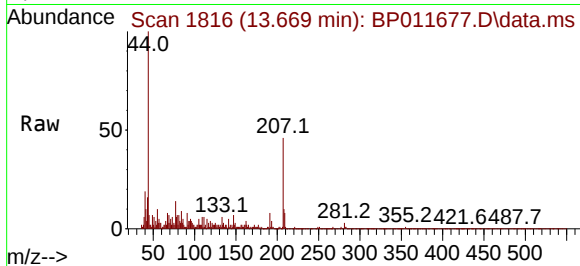




#48
2-Nitroaniline
Concen: 3.416 ng
RT: 13.669 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

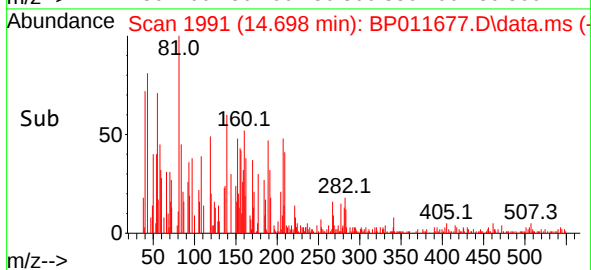
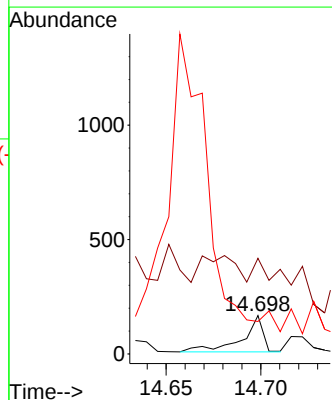
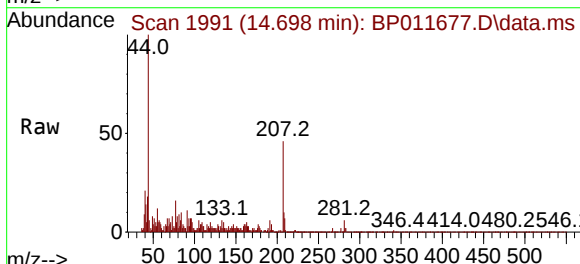
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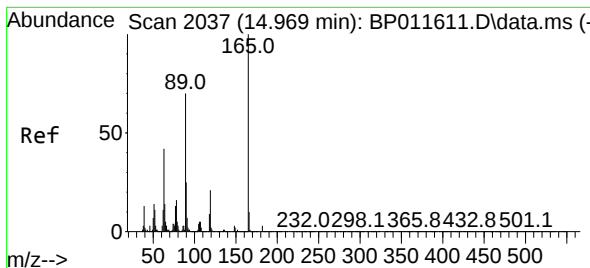
Tgt Ion: 65 Resp: 209
Ion Ratio Lower Upper
65 100
92 48.9 50.0 75.0#
138 53.5 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.473 ng
RT: 14.698 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

Tgt Ion: 184 Resp: 122
Ion Ratio Lower Upper
184 100
63 248.8 65.4 98.2#
154 84.5 55.4 83.2#





#57

2,4-Dinitrotoluene

Concen: 3.666 ng

RT: 14.969 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BP011677.D

Acq: 09 Sep 2022 23:08

Instrument :

BNA_P

ClientSampleId :

MW-63

Tgt Ion:165 Resp: 429

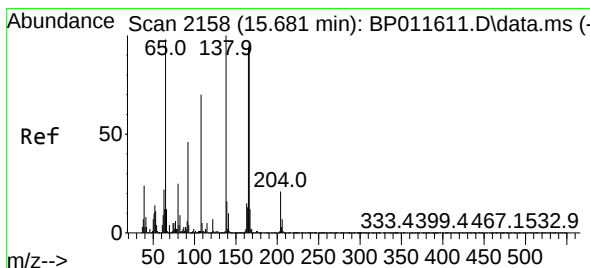
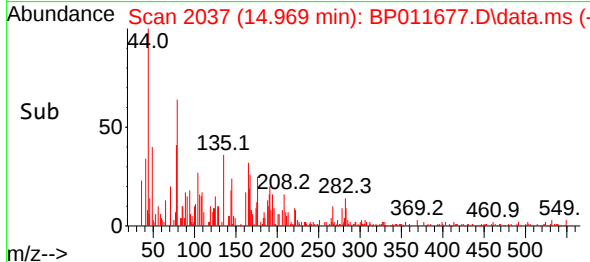
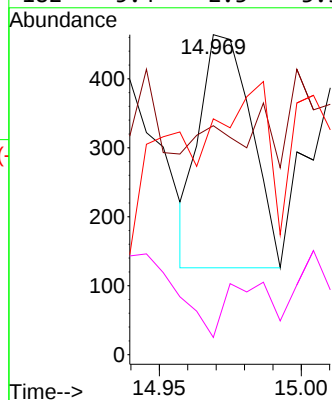
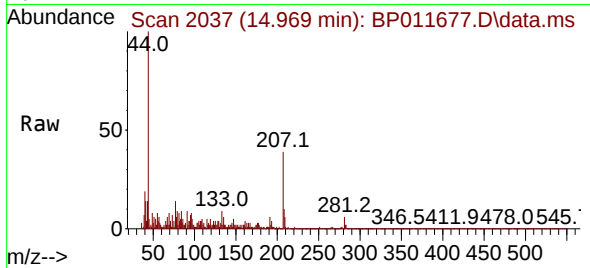
Ion Ratio Lower Upper

165 100

63 71.6 46.2 69.2#

89 73.7 65.8 98.8

182 5.4 2.3 3.5#



#62

4-Nitroaniline

Concen: 2.657 ng

RT: 15.657 min Scan# 2154

Delta R.T. -0.012 min

Lab File: BP011677.D

Acq: 09 Sep 2022 23:08

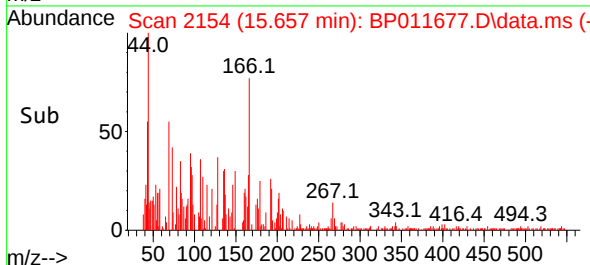
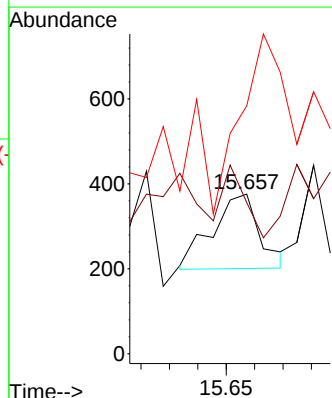
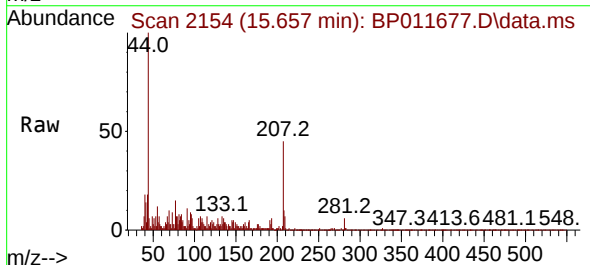
Tgt Ion:138 Resp: 204

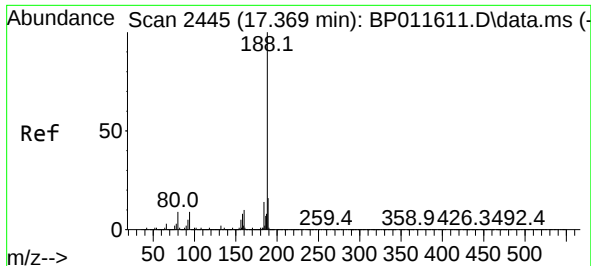
Ion Ratio Lower Upper

138 100

92 94.7 38.0 78.0#

108 155.3 77.6 117.6#

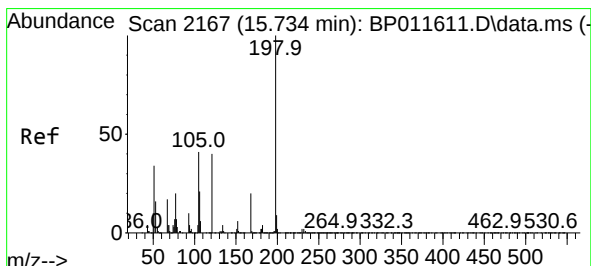
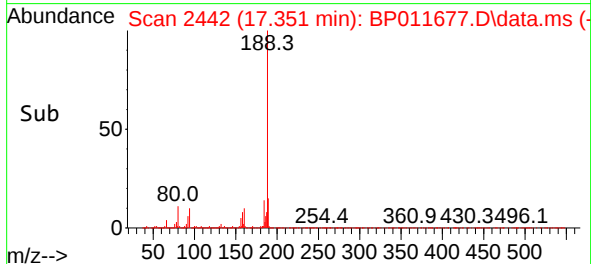
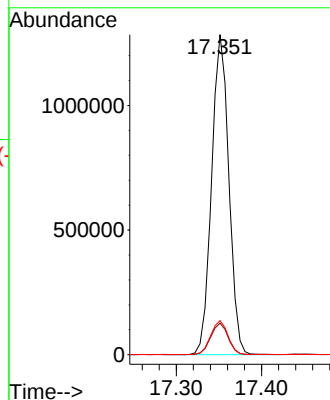
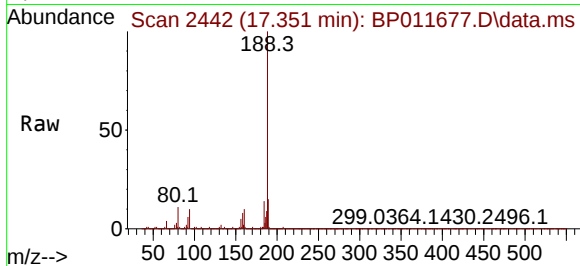




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

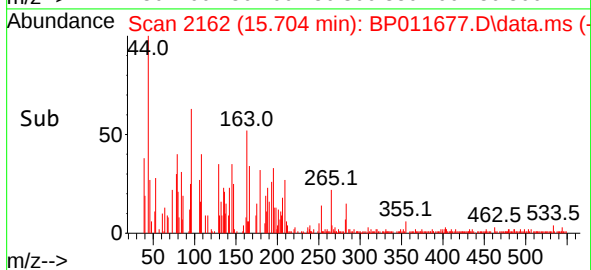
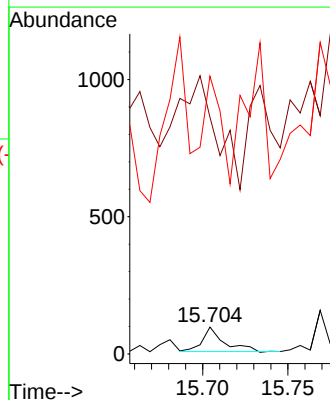
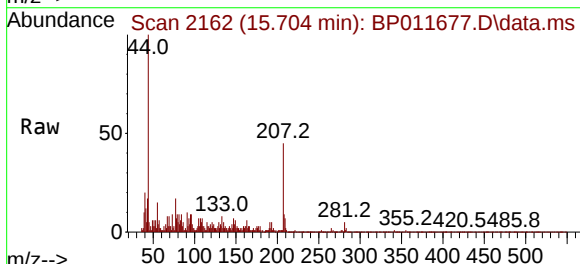
Instrument :
BNA_P
ClientSampleId :
MW-63

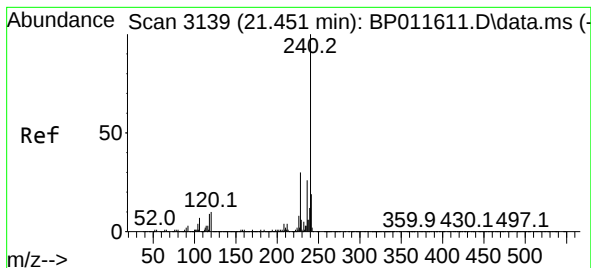
Tgt Ion:188 Resp: 1805083
Ion Ratio Lower Upper
188 100
94 9.9 6.6 10.0
80 10.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.898 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.018 min
Lab File: BP011677.D
Acq: 09 Sep 2022 23:08

Tgt Ion:198 Resp: 77
Ion Ratio Lower Upper
198 100
51 880.6 41.2 81.2#
105 1032.7 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BP011677.D

Acq: 09 Sep 2022 23:08

Instrument :

BNA_P

ClientSampleId :

MW-63

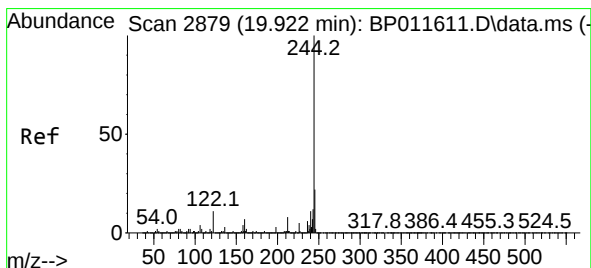
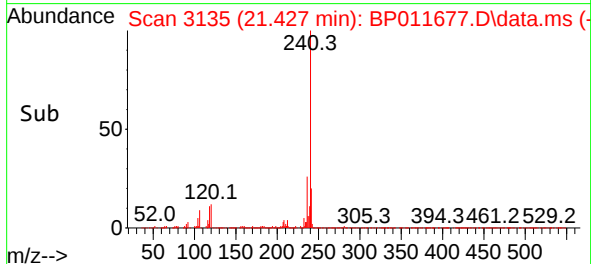
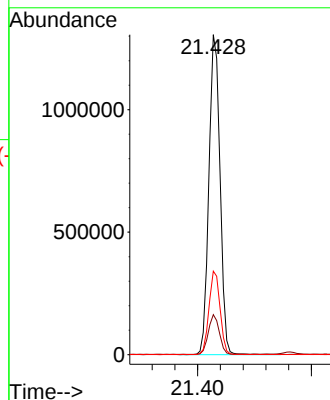
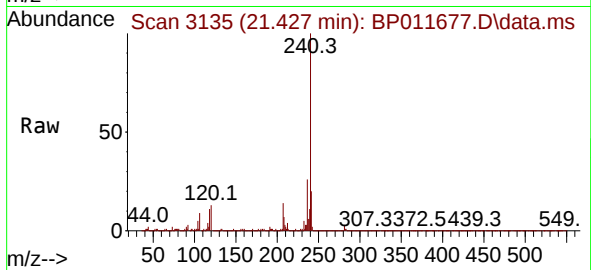
Tgt Ion:240 Resp: 1759917

Ion Ratio Lower Upper

240 100

120 12.5 8.6 12.8

236 26.1 19.8 29.6



#79

Terphenyl-d14

Concen: 85.779 ng

RT: 19.904 min Scan# 2876

Delta R.T. -0.006 min

Lab File: BP011677.D

Acq: 09 Sep 2022 23:08

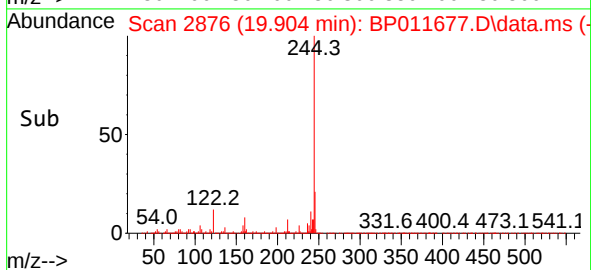
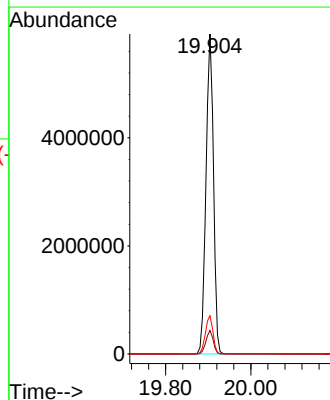
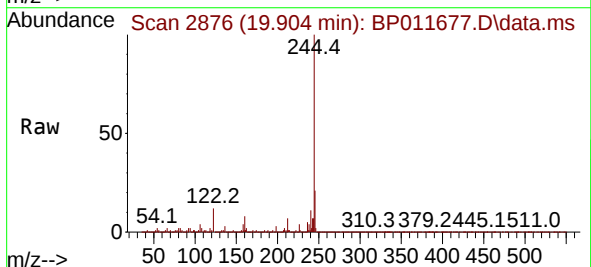
Tgt Ion:244 Resp: 7207632

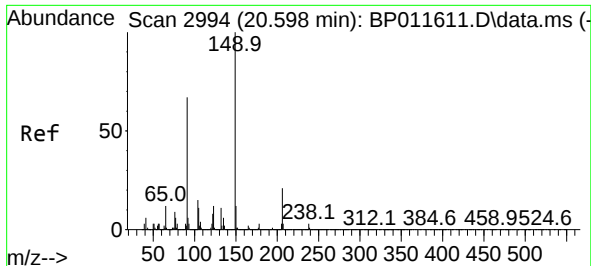
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 12.0 7.6 11.4#

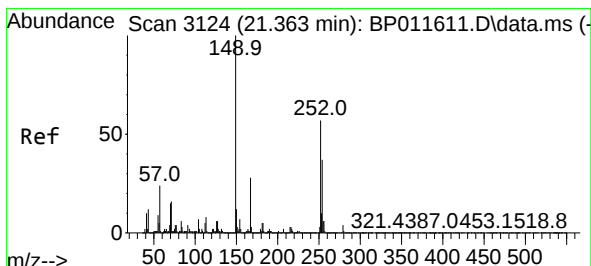
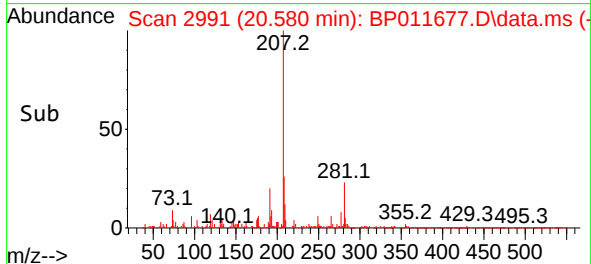
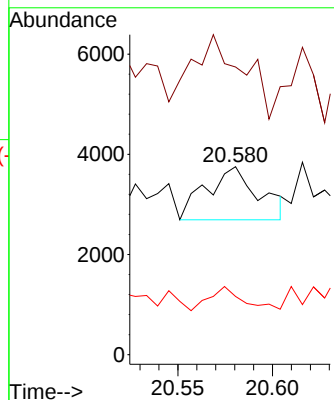
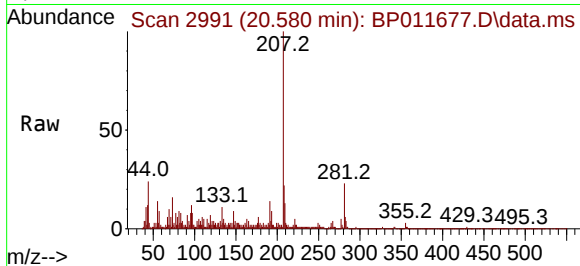




#80
 Butylbenzylphthalate
 Concen: 3.751 ng
 RT: 20.580 min Scan# 2991
 Delta R.T. -0.006 min
 Lab File: BP011677.D
 Acq: 09 Sep 2022 23:08

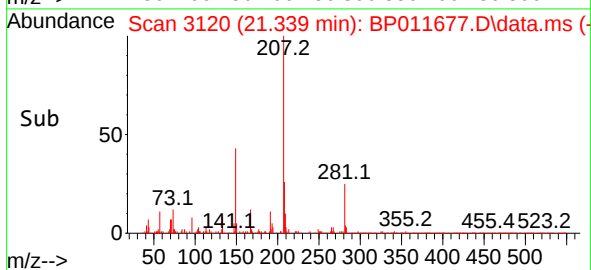
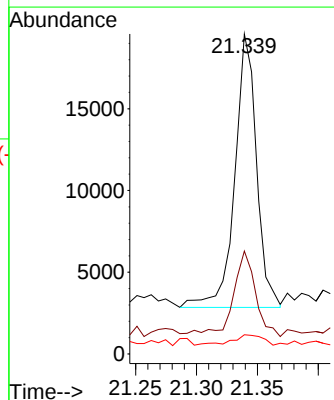
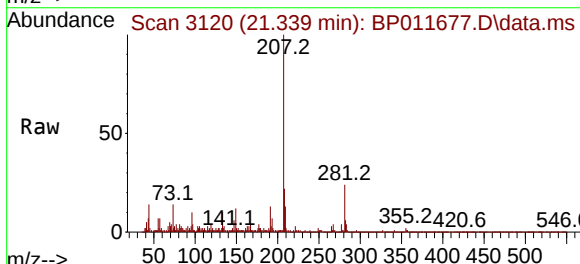
Instrument :
 BNA_P
 ClientSampleId :
 MW-63

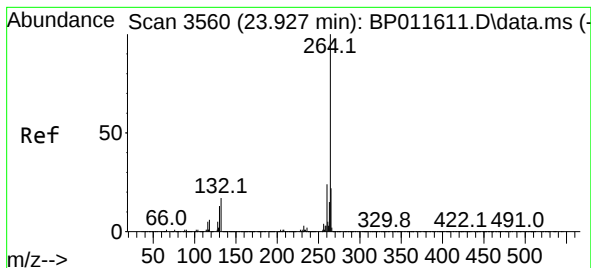
Tgt Ion:149 Resp: 2030
 Ion Ratio Lower Upper
 149 100
 91 153.0 62.5 93.7#
 206 31.0 17.0 25.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.183 ng
 RT: 21.339 min Scan# 3120
 Delta R.T. -0.012 min
 Lab File: BP011677.D
 Acq: 09 Sep 2022 23:08

Tgt Ion:149 Resp: 20768
 Ion Ratio Lower Upper
 149 100
 167 32.2 21.8 32.8
 279 6.0 3.7 5.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.898 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP011677.D

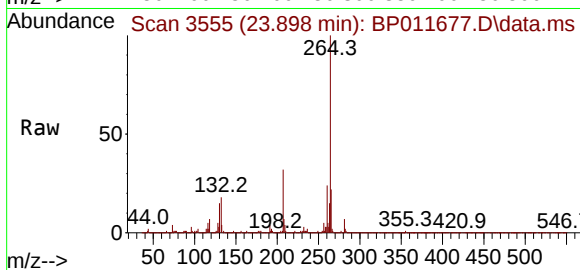
Acq: 09 Sep 2022 23:08

Instrument :

BNA_P

ClientSampleId :

MW-63



Tgt Ion:264 Resp: 1857598

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.8 18.0 27.0

