

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011674.D
 Acq On : 09 Sep 2022 21:25
 Operator : CG/JU
 Sample : N4549-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-59

Quant Time: Sep 10 00:57:44 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)

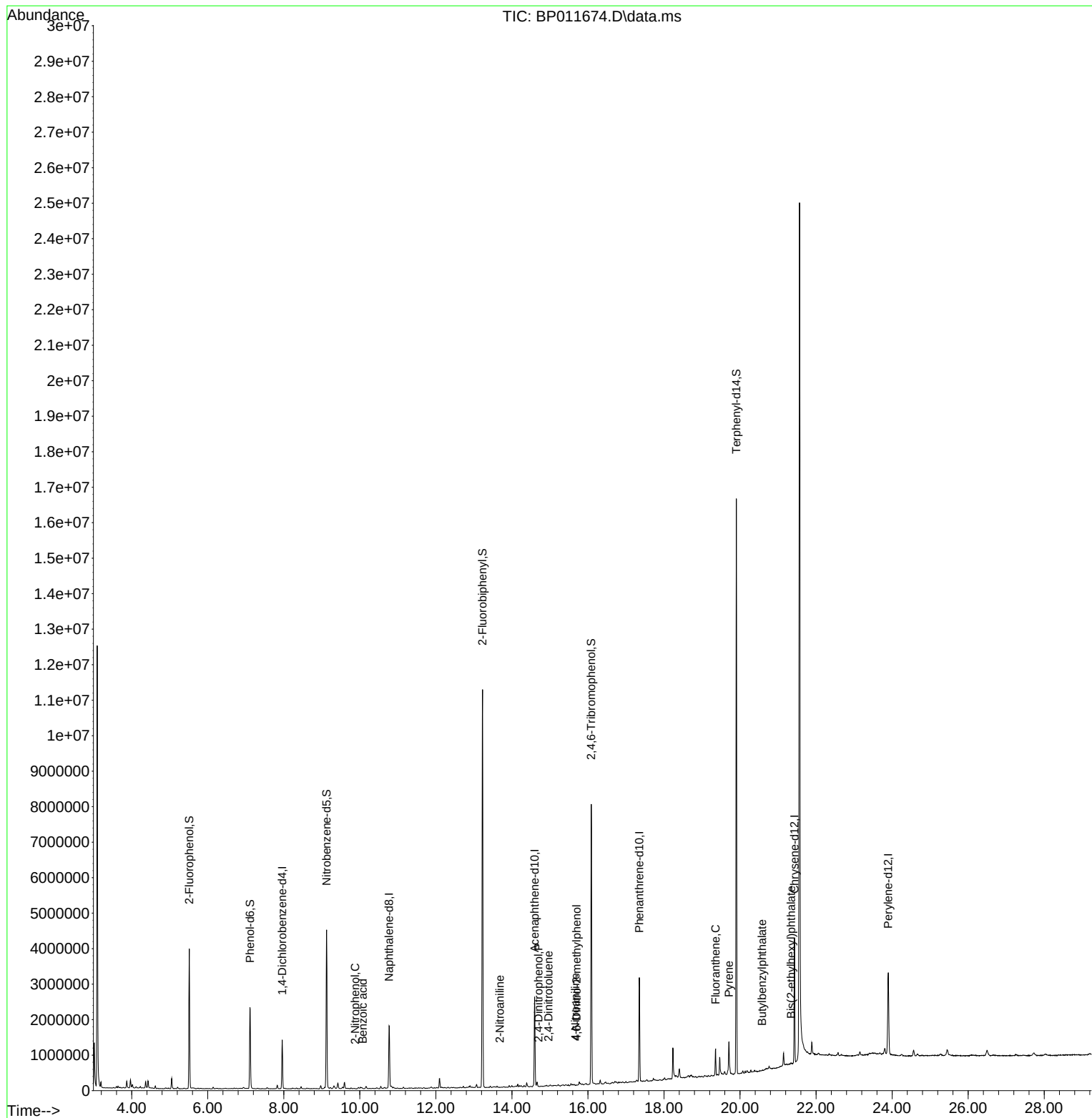
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	384303	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1549205	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	871131	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1725553	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1628669	20.000	ng	0.00
86) Perylene-d12	23.898	264	1705176	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1784921	82.144	ng	0.00
7) Phenol-d6	7.110	99	1410593	49.060	ng	0.00
23) Nitrobenzene-d5	9.128	82	2620687	103.839	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1397066	141.943	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	5879814	96.520	ng	0.00
79) Terphenyl-d14	19.904	244	7411570	95.314	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	111	4.898	ng	# 1
32) Benzoic acid	10.075	122	111	8.605	ng	# 1
48) 2-Nitroaniline	13.681	65	70	3.407	ng	# 57
54) 2,4-Dinitrophenol	14.698	184	44	6.460	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	805	3.686	ng	# 75
62) 4-Nitroaniline	15.669	138	273	2.661	ng	# 61
65) 4,6-Dinitro-2-methylph...	15.704	198	285	7.921	ng	# 1
75) Fluoranthene	19.357	202	432681	4.076	ng	97
78) Pyrene	19.710	202	538343	4.973	ng	98
80) Butylbenzylphthalate	20.580	149	1087	3.735	ng	# 19
84) Bis(2-ethylhexyl)phtha...	21.345	149	11429	2.066	ng	# 97

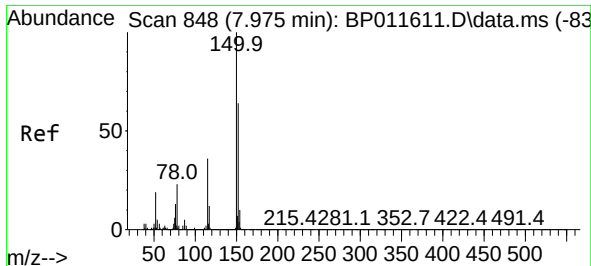
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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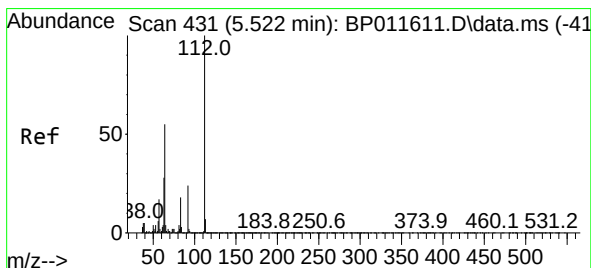
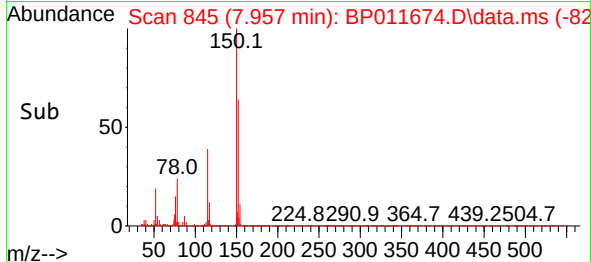
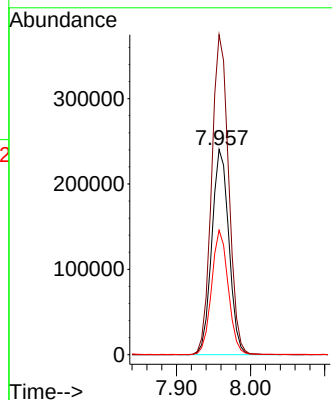
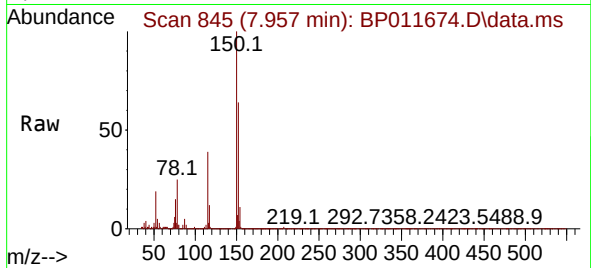




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 848
Delta R.T. -0.007 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

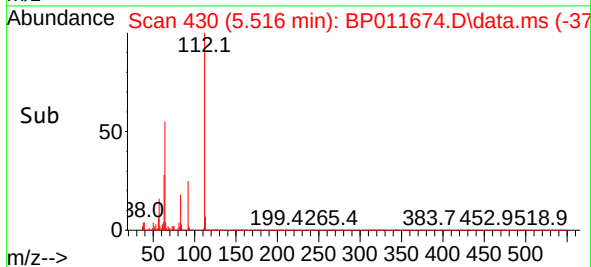
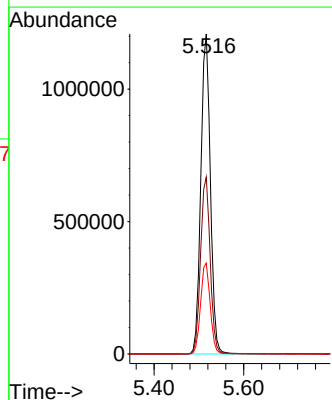
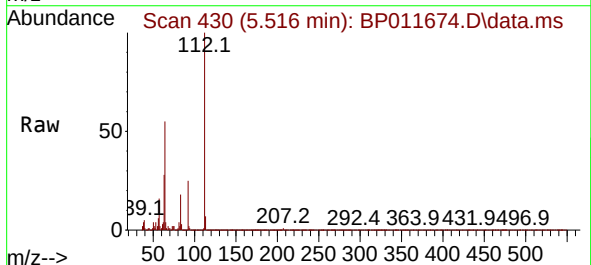
Instrument :
BNA_P
ClientSampleId :
MW-59

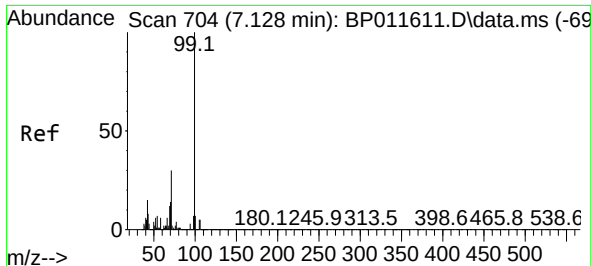
Tgt Ion:152 Resp: 384303
Ion Ratio Lower Upper
152 100
150 155.9 123.4 185.2
115 60.7 51.3 76.9



#5
2-Fluorophenol
Concen: 82.144 ng
RT: 5.516 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:112 Resp: 1784921
Ion Ratio Lower Upper
112 100
64 55.3 56.9 85.3#
63 28.4 31.2 46.8#

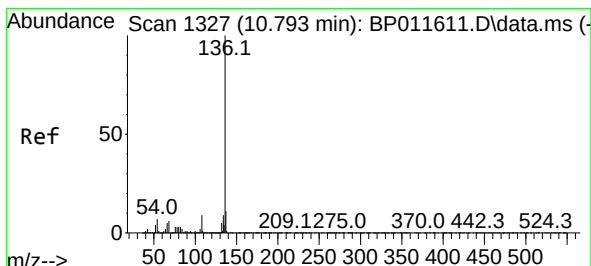
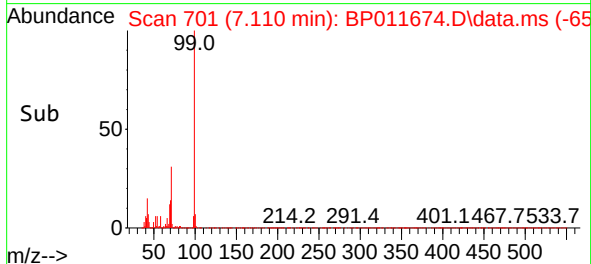
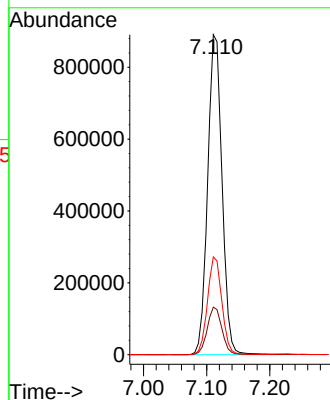
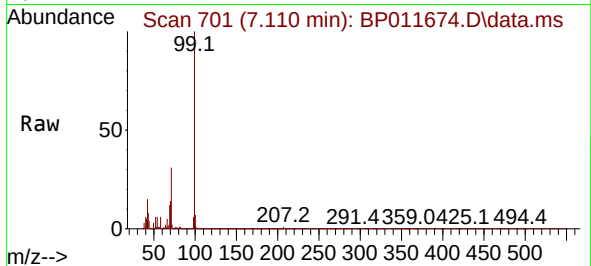




#7
Phenol-d6
Concen: 49.060 ng
RT: 7.110 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

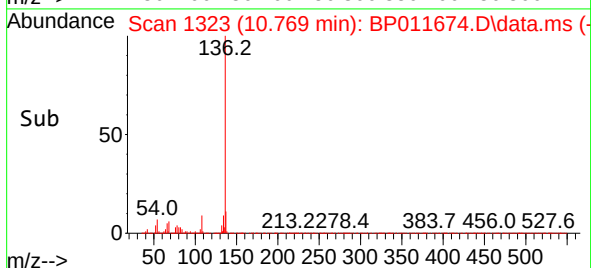
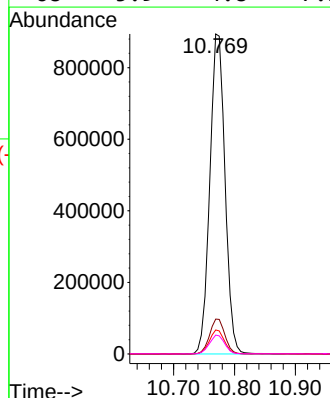
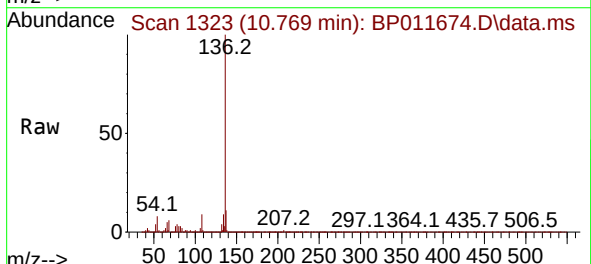
Instrument :
BNA_P
ClientSampleId :
MW-59

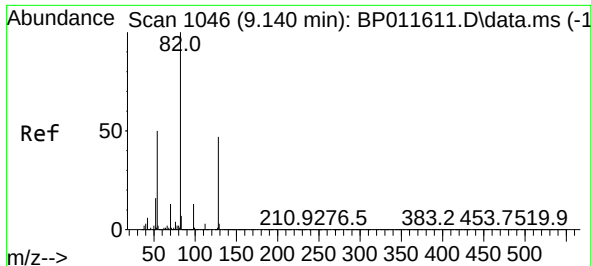
Tgt Ion: 99 Resp: 1410593
Ion Ratio Lower Upper
99 100
42 14.9 20.3 30.5#
71 30.5 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:136 Resp: 1549205
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.5 8.7 13.1#
68 5.9 4.8 7.2

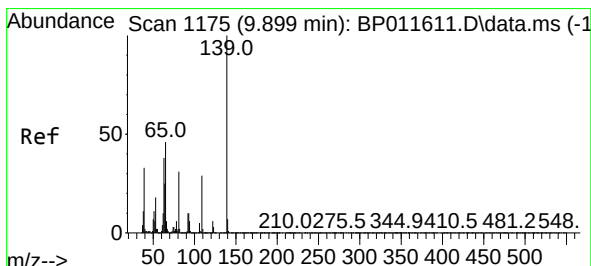
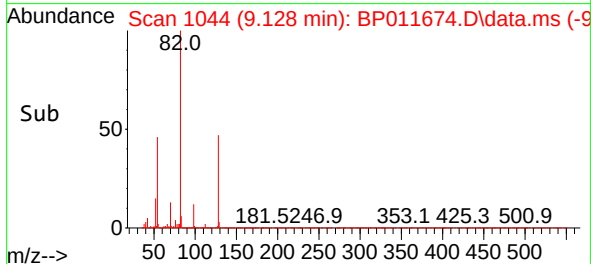
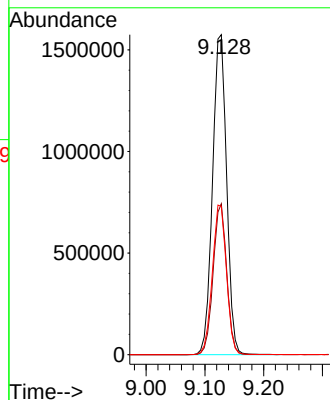
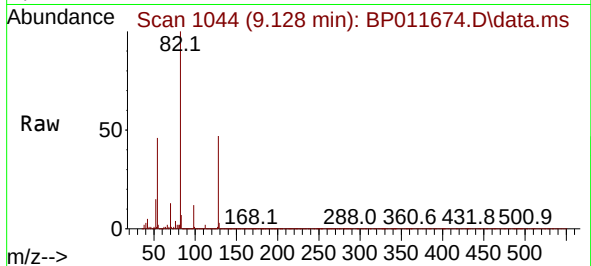




#23
Nitrobenzene-d5
Concen: 103.839 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

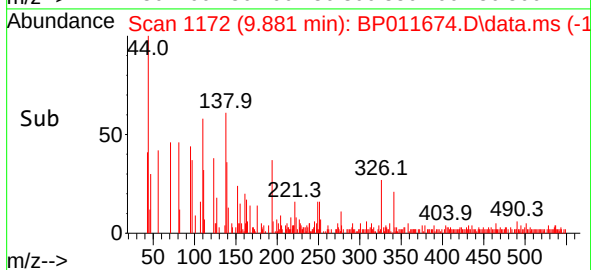
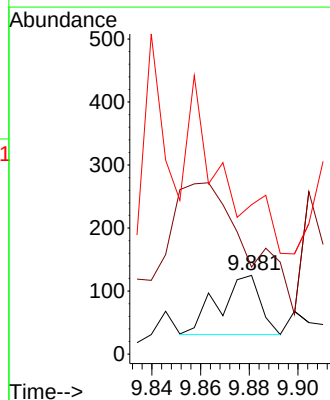
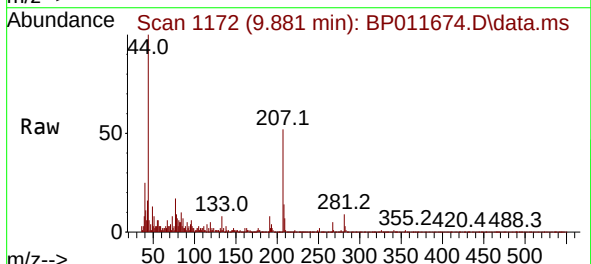
Instrument :
BNA_P
ClientSampleId :
MW-59

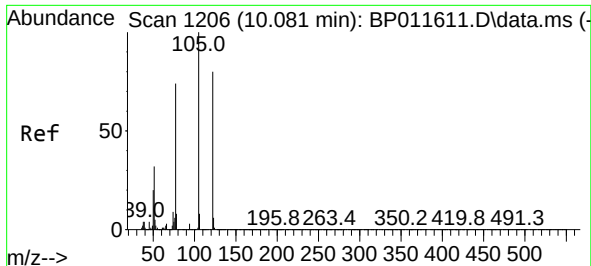
Tgt Ion: 82 Resp: 2620687
Ion Ratio Lower Upper
82 100
128 47.1 31.3 46.9#
54 46.4 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.898 ng
RT: 9.881 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:139 Resp: 111
Ion Ratio Lower Upper
139 100
109 110.4 30.2 45.4#
65 189.6 52.2 78.2#

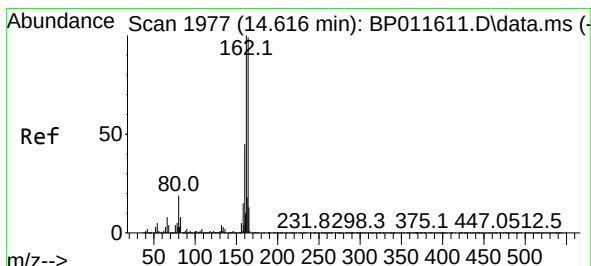
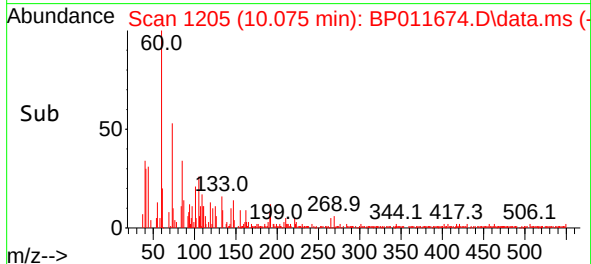
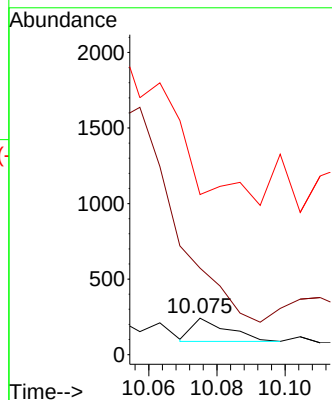
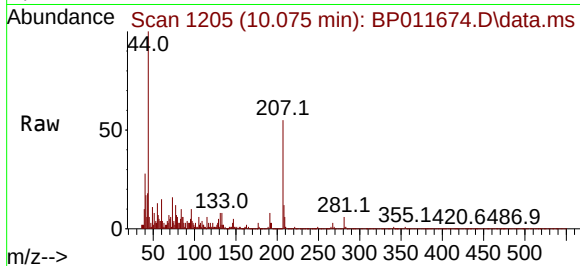




#32
Benzoic acid
Concen: 8.605 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

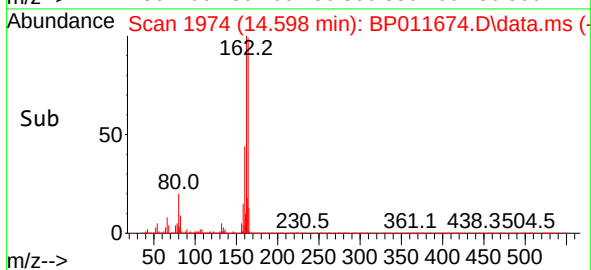
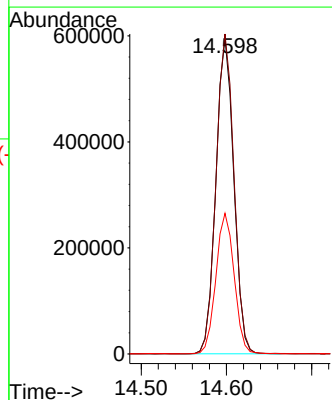
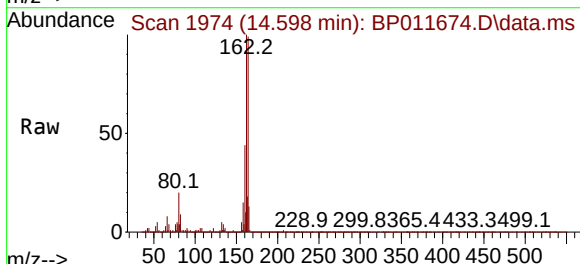
Instrument :
BNA_P
ClientSampleId :
MW-59

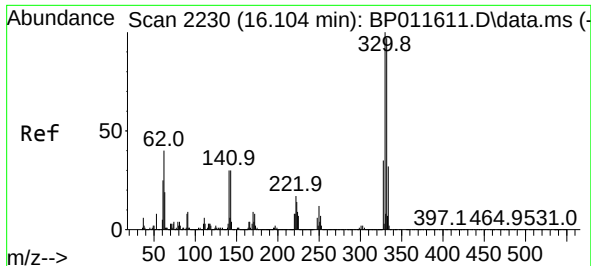
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 237.8 112.6 152.6#
77 439.8 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:164 Resp: 871131
Ion Ratio Lower Upper
164 100
162 101.4 81.9 122.9
160 44.6 34.6 51.8

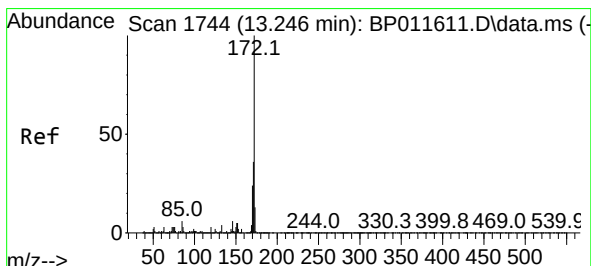
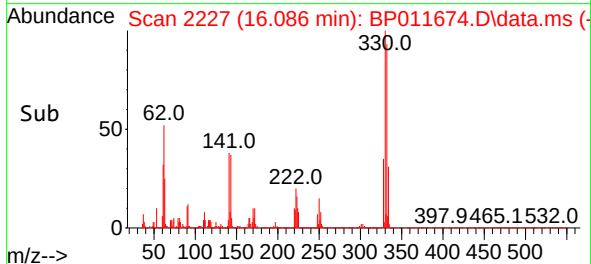
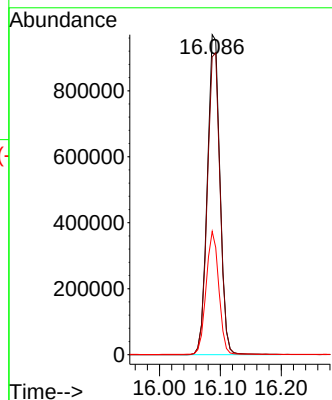
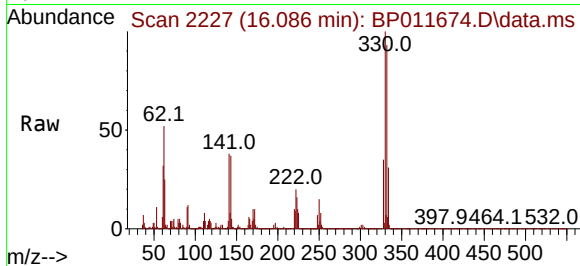




#42
2,4,6-Tribromophenol
Concen: 141.943 ng
RT: 16.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

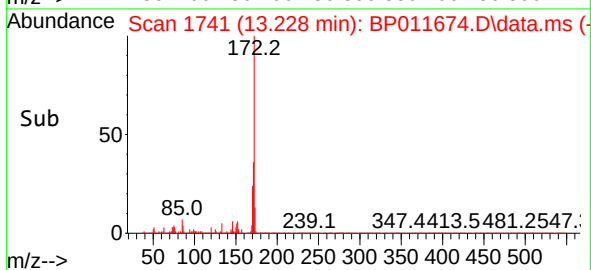
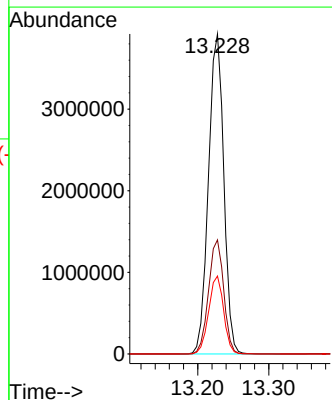
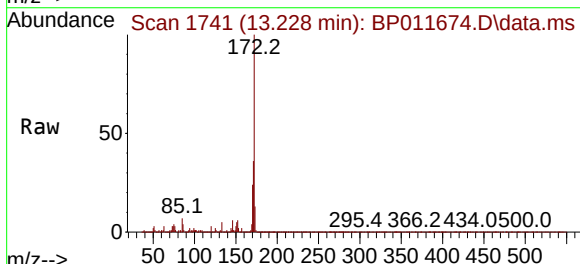
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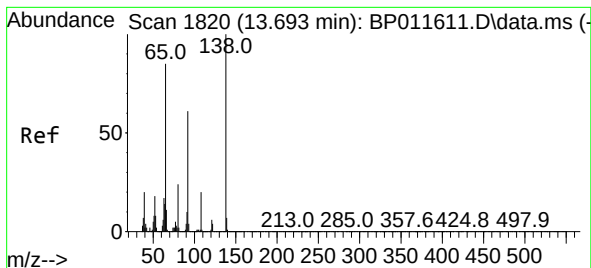
Tgt Ion:330 Resp: 1397066
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 38.5 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 96.520 ng
RT: 13.228 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:172 Resp: 5879814
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.3 18.2 27.2





#48

2-Nitroaniline

Concen: 3.407 ng

RT: 13.681 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

Instrument :

BNA_P

ClientSampleId :

MW-59

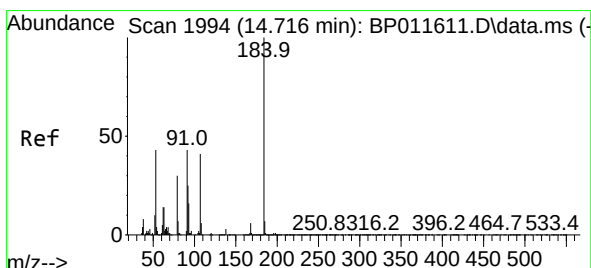
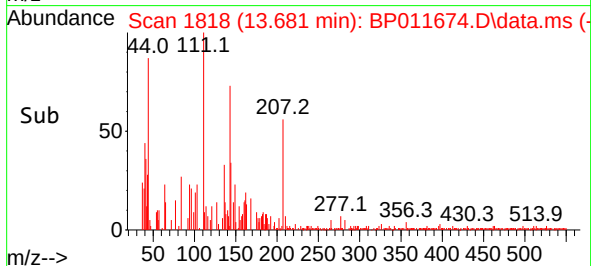
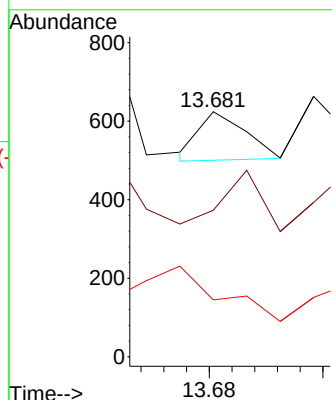
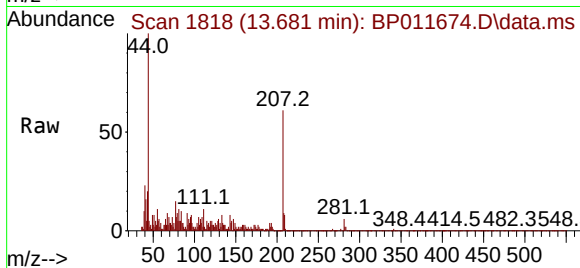
Tgt Ion: 65 Resp: 70

Ion Ratio Lower Upper

65 100

92 59.8 50.0 75.0

138 23.2 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.460 ng

RT: 14.698 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

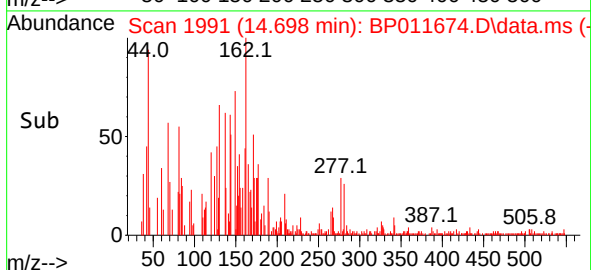
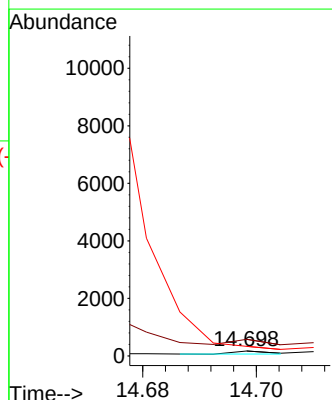
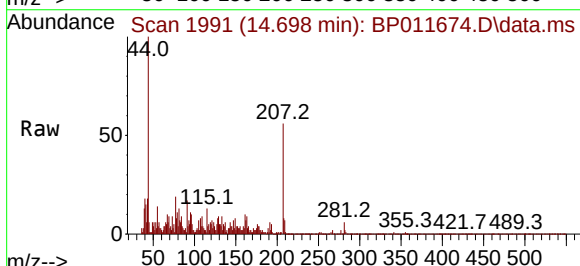
Tgt Ion: 184 Resp: 44

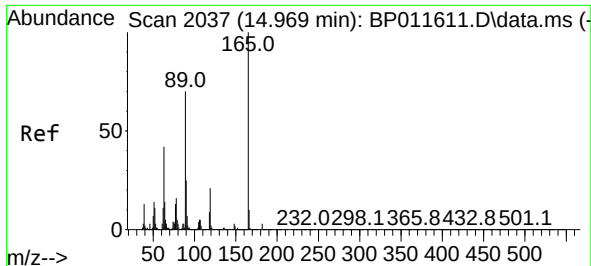
Ion Ratio Lower Upper

184 100

63 331.6 65.4 98.2#

154 190.2 55.4 83.2#

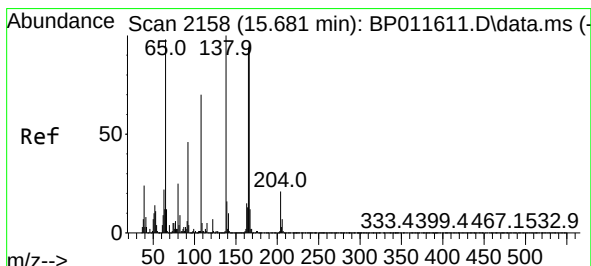
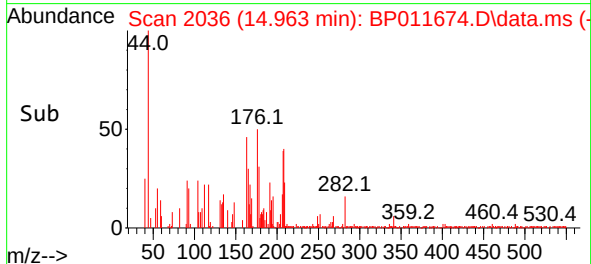
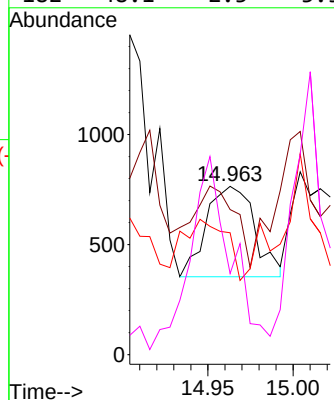
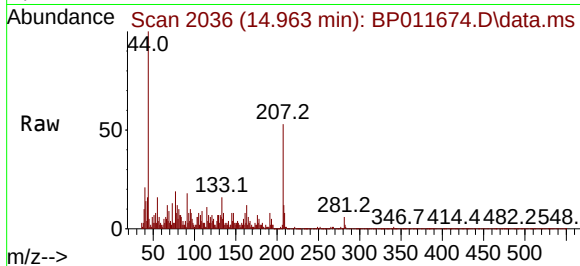




#57
2,4-Dinitrotoluene
Concen: 3.686 ng
RT: 14.963 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

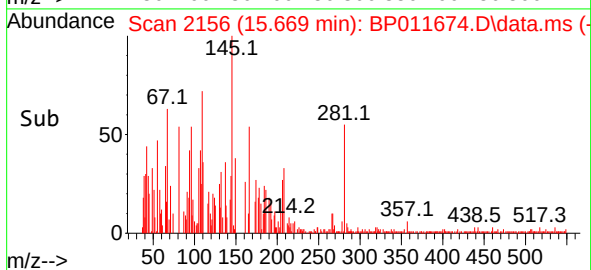
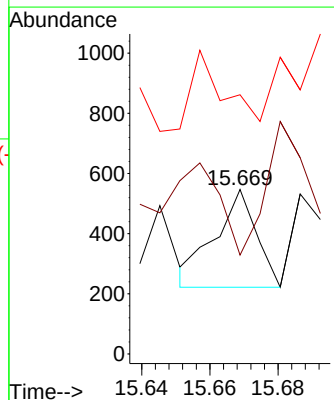
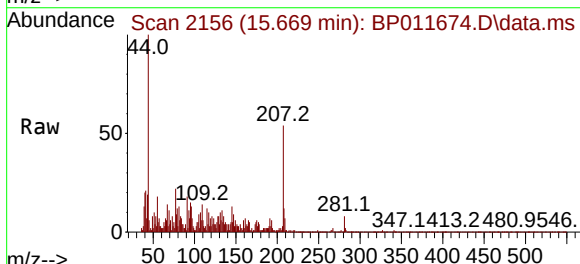
Instrument :
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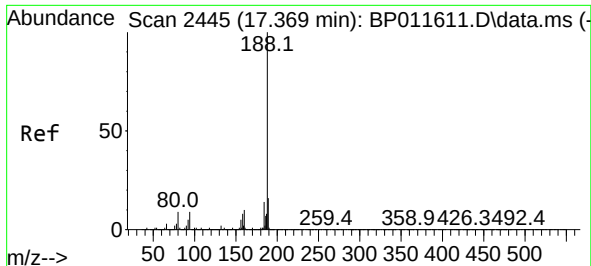
Tgt Ion:	165	Resp:	805
Ion Ratio	Lower	Upper	
165	100		
63	86.1	46.2	69.2#
89	72.4	65.8	98.8
182	48.1	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.661 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:	138	Resp:	273
Ion Ratio	Lower	Upper	
138	100		
92	60.1	38.0	78.0
108	157.6	77.6	117.6#

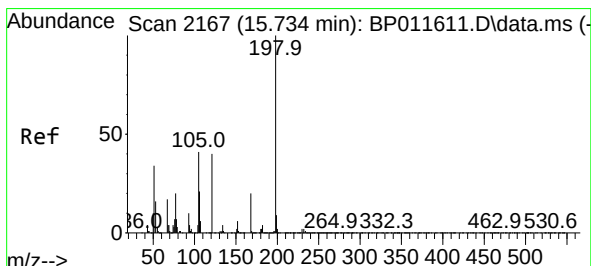
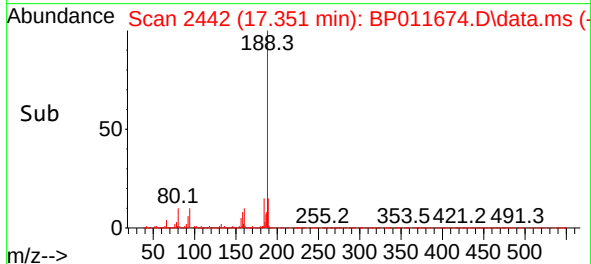
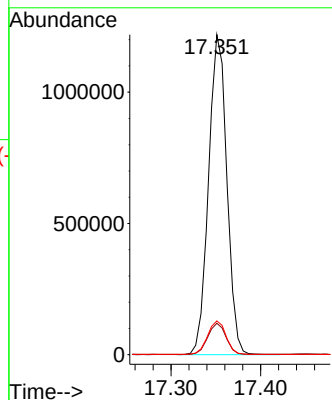
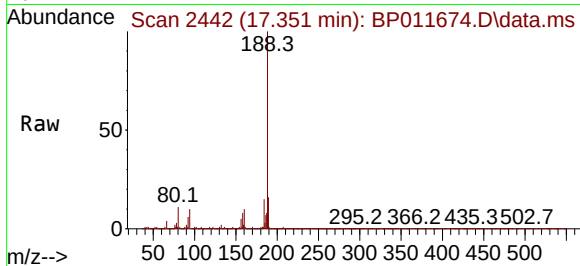




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

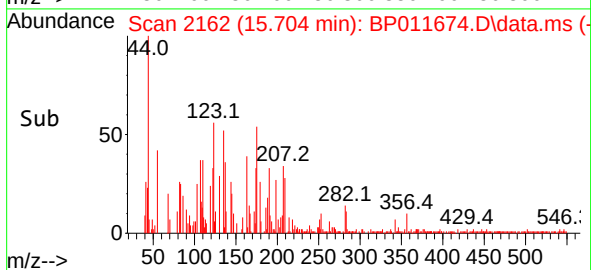
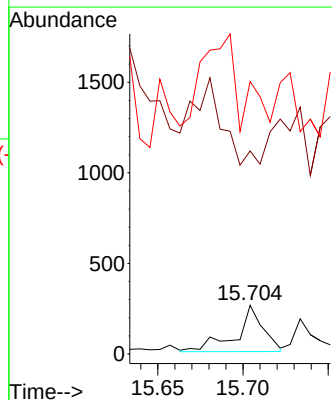
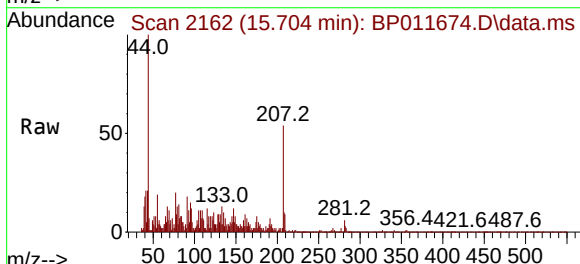
Instrument :
BNA_P
ClientSampleId :
MW-59

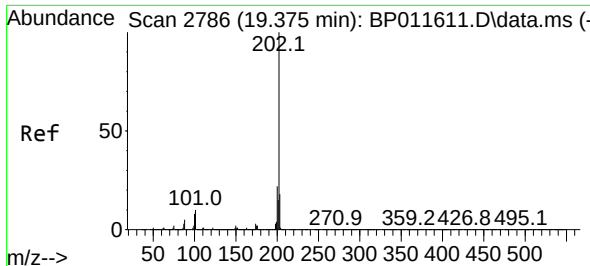
Tgt Ion:188 Resp: 1725553
Ion Ratio Lower Upper
188 100
94 9.8 6.6 10.0
80 10.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.921 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.018 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:198 Resp: 285
Ion Ratio Lower Upper
198 100
51 416.7 41.2 81.2#
105 559.5 25.3 65.3#

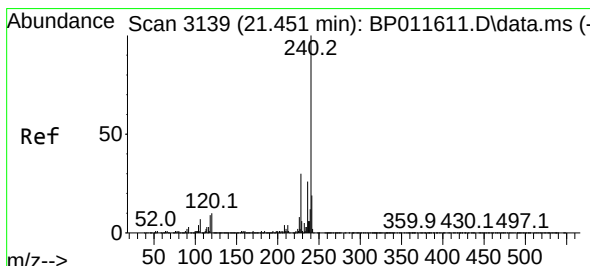
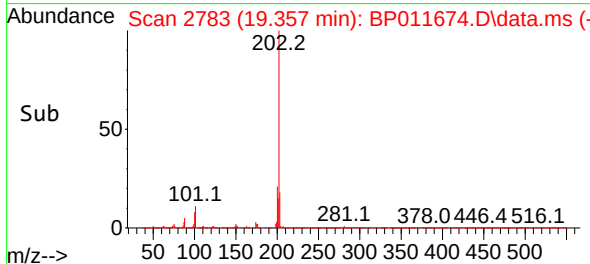
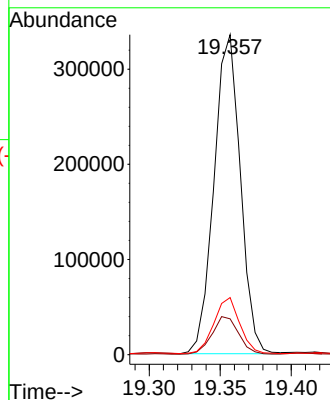
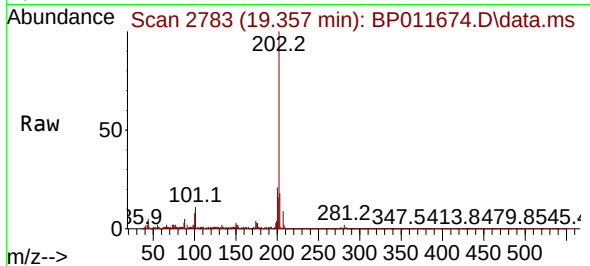




#75
Fluoranthene
Concen: 4.076 ng
RT: 19.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

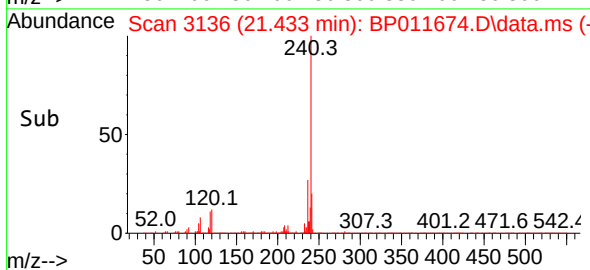
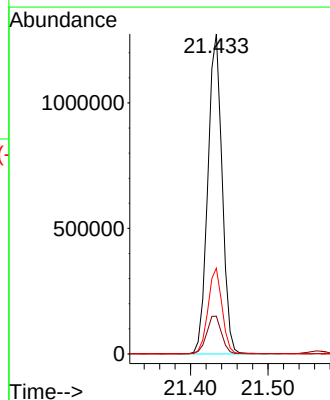
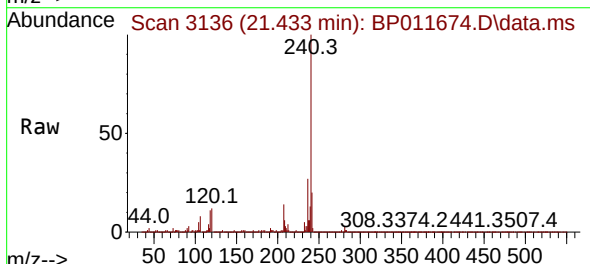
Instrument :
BNA_P
ClientSampleId :
MW-59

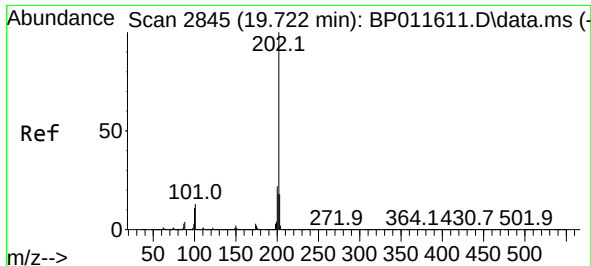
Tgt Ion:202 Resp: 432681
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.6
203 17.9 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:240 Resp: 1628669
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 26.8 19.8 29.6

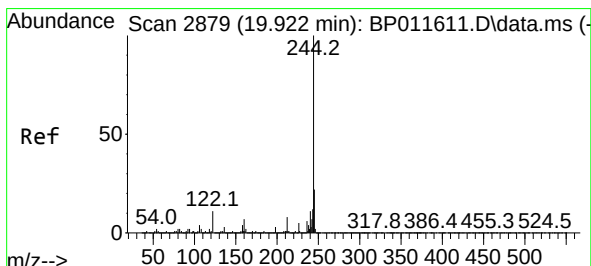
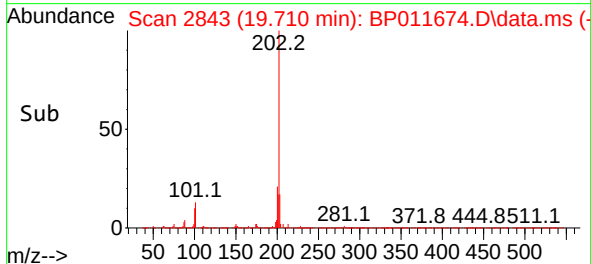
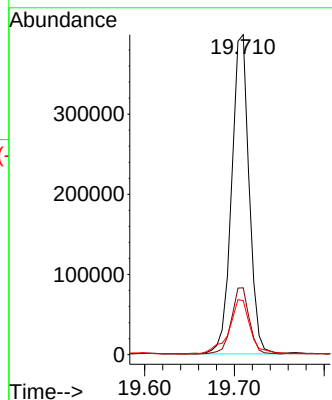
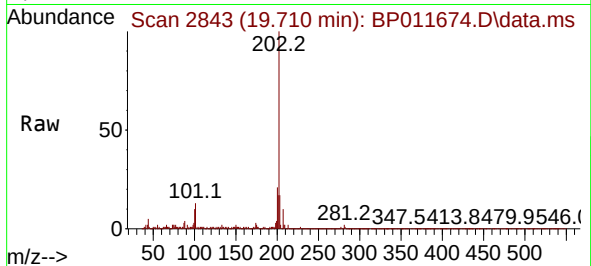




#78
Pyrene
Concen: 4.973 ng
RT: 19.710 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

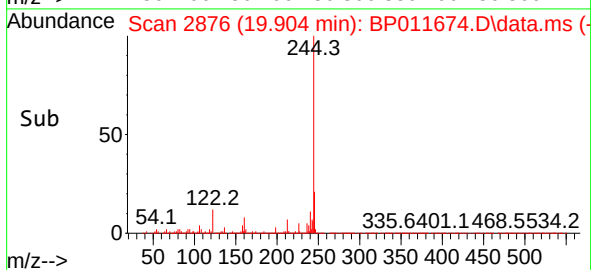
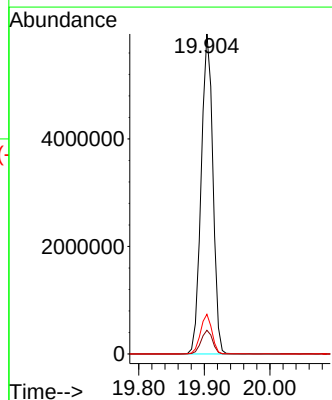
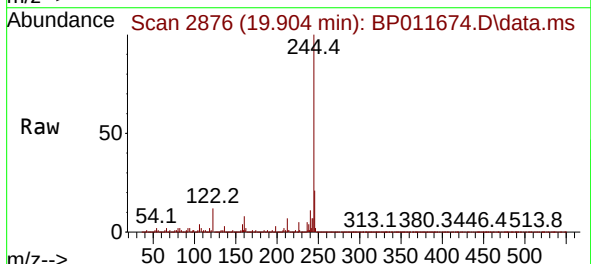
Instrument :
BNA_P
ClientSampleId :
MW-59

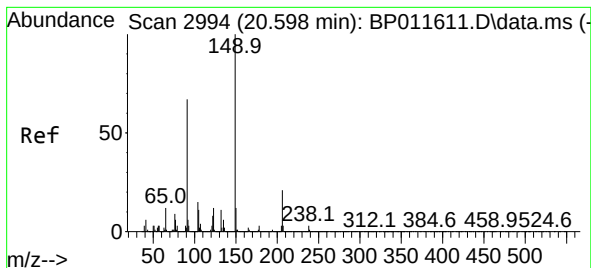
Tgt Ion:202 Resp: 538343
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 16.9 14.2 21.4



#79
Terphenyl-d14
Concen: 95.314 ng
RT: 19.904 min Scan# 2876
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:244 Resp: 7411570
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 12.4 7.6 11.4#





#80

Butylbenzylphthalate

Concen: 3.735 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.006 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

Instrument :

BNA_P

ClientSampleId :

MW-59

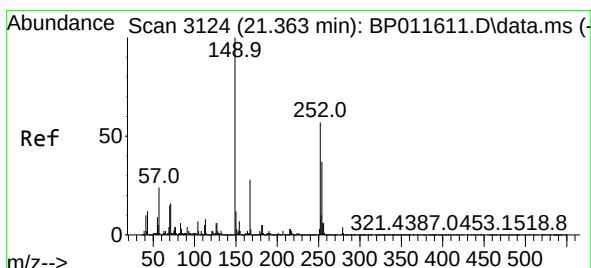
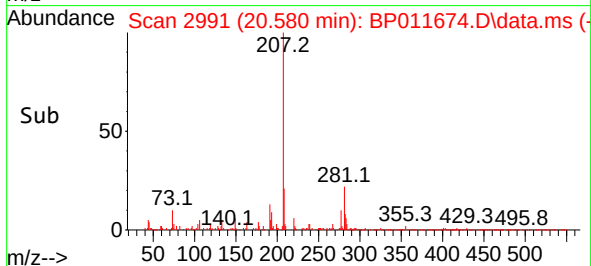
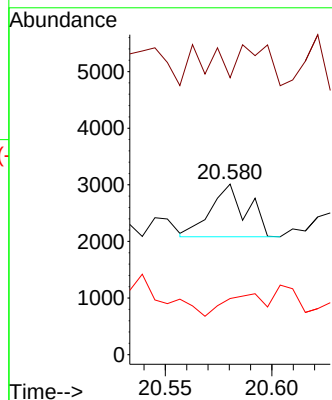
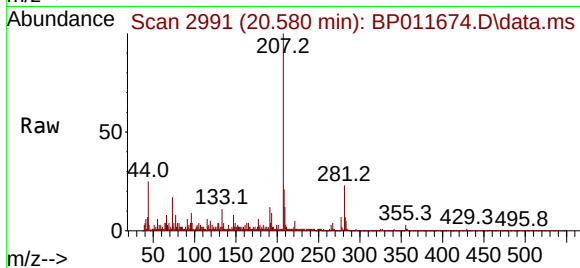
Tgt Ion:149 Resp: 1087

Ion Ratio Lower Upper

149 100

91 162.4 62.5 93.7#

206 33.0 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: BP011674.D

Acq: 09 Sep 2022 21:25

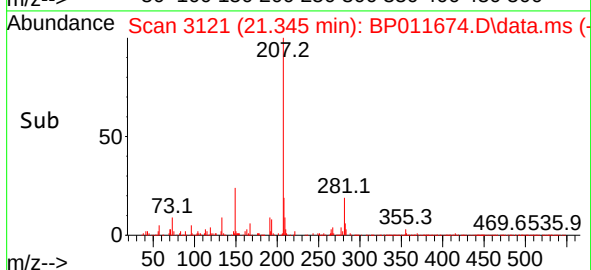
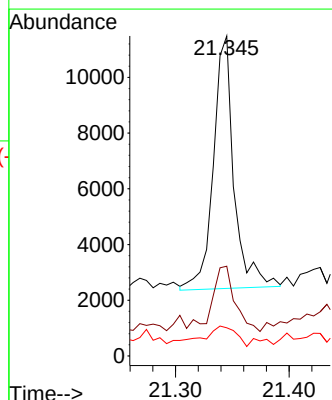
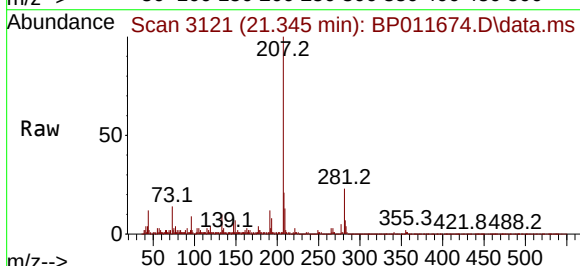
Tgt Ion:149 Resp: 11429

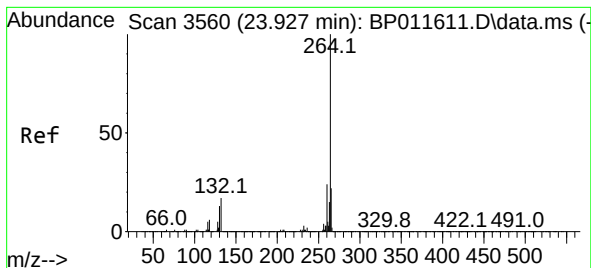
Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

279 8.8 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: BP011674.D

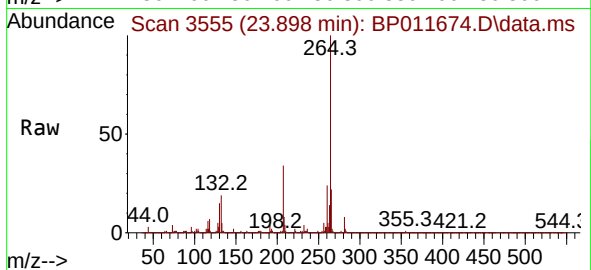
Acq: 09 Sep 2022 21:25

Instrument :

BNA_P

ClientSampleId :

MW-59



Tgt Ion:264 Resp: 1705176

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.3 18.0 27.0

