

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010599.D
 Acq On : 28 May 2022 14:35
 Operator : CG/JU
 Sample : N3087-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14

Quant Time: May 28 23:36:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

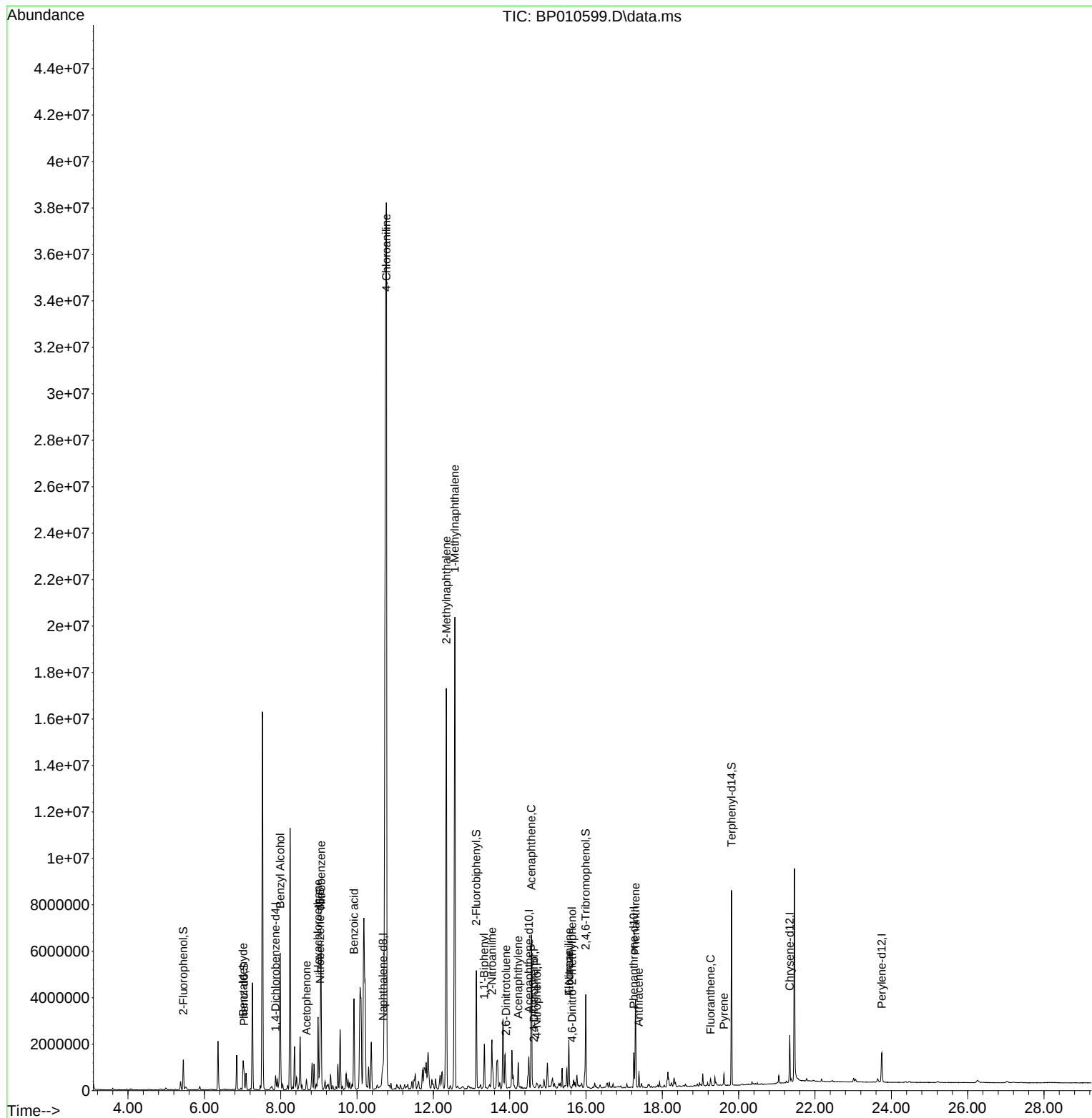
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	152523	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	613069	20.000	ng	0.01
39) Acenaphthene-d10	14.504	164	421087	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	905707	20.000	ng	0.00
76) Chrysene-d12	21.339	240	922365	20.000	ng	0.00
86) Perylene-d12	23.751	264	965968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	497260	59.477	ng	0.00
7) Phenol-d6	7.040	99	389927	32.852	ng	0.00
23) Nitrobenzene-d5	9.034	82	1108422	85.479	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	682654	143.219	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2369401	79.859	ng	0.00
79) Terphenyl-d14	19.816	244	3867582	78.760	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.016	77	90627	11.603	ng	# 1
15) Benzyl Alcohol	7.987	79	315325	33.141	ng	# 10
18) Hexachloroethane	8.981	117	297349	68.601	ng	# 1
22) Acetophenone	8.675	105	274232	17.152	ng	# 53
24) Nitrobenzene	9.057	77	185259	14.141	ng	# 1
32) Benzoic acid	9.922	122	1935	7.618	ng	# 1
33) 4-Chloroaniline	10.769	127	8084874	648.018	ng	# 32
37) 2-Methylnaphthalene	12.340	142	8404585	372.948	ng	99
38) 1-Methylnaphthalene	12.563	142	9794354	445.037	ng	100
46) 1,1'-Biphenyl	13.334	154	956046	30.440	ng	100
48) 2-Nitroaniline	13.534	65	23747	2.775	ng	# 30
49) Acenaphthylene	14.222	152	88872	2.344	ng	# 20
51) 2,6-Dinitrotoluene	13.904	165	34521	5.356	ng	# 54
52) Acenaphthene	14.569	154	2325557	99.892	ng	99
54) 2,4-Dinitrophenol	14.634	184	92	6.667	ng	# 1
56) 4-Nitrophenol	14.710	139	12710	5.882	ng	# 17
58) Fluorene	15.551	166	890794	29.597	ng	100
62) 4-Nitroaniline	15.551	138	10146	3.576	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.634	198	239	4.640	ng	# 1
71) Phenanthrene	17.298	178	2220221	44.701	ng	99
72) Anthracene	17.386	178	406559	8.548	ng	100
75) Fluoranthene	19.263	202	157895	2.927	ng	98
78) Pyrene	19.616	202	294085	4.575	ng	99

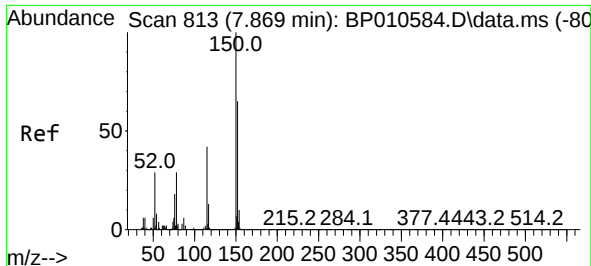
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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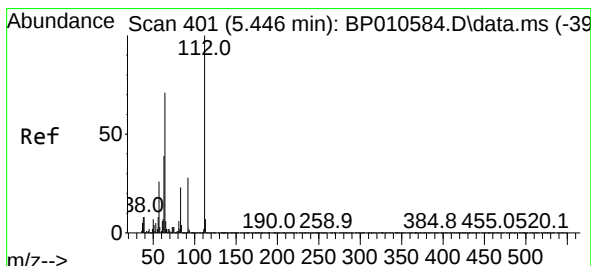
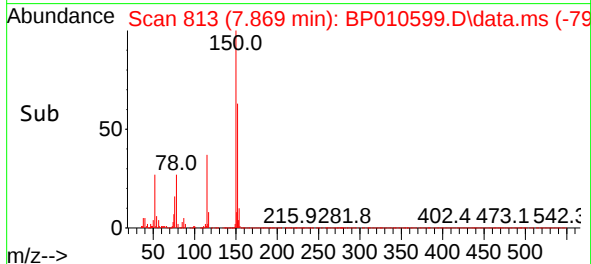
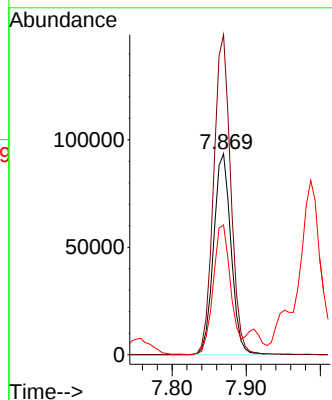
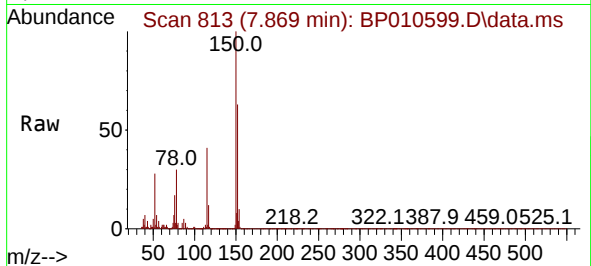




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.869 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: BP010599.D
 Acq: 28 May 2022 14:35

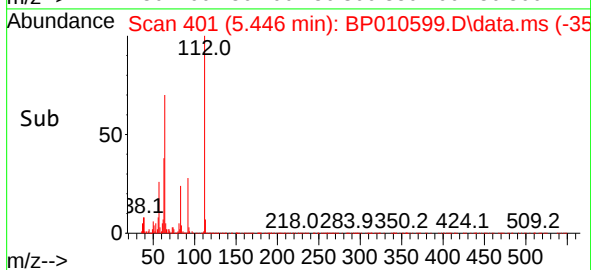
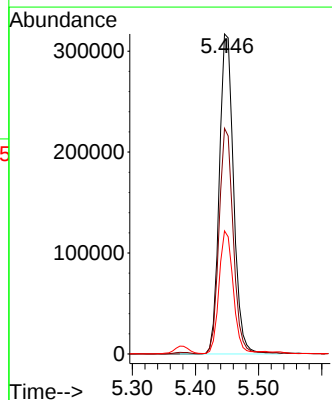
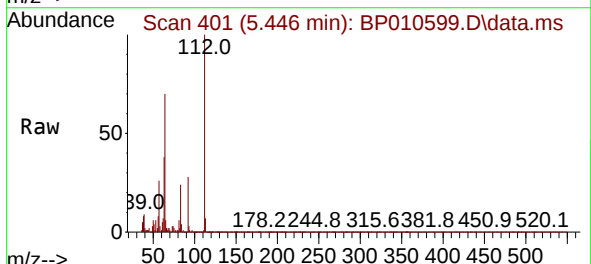
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 BNA_P
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 MW-14

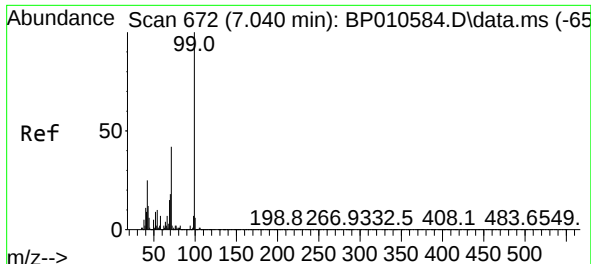
Tgt Ion:152 Resp: 152523
 Ion Ratio Lower Upper
 152 100
 150 159.3 123.4 185.2
 115 64.6 51.3 76.9



#5
 2-Fluorophenol
 Concen: 59.477 ng
 RT: 5.446 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: BP010599.D
 Acq: 28 May 2022 14:35

Tgt Ion:112 Resp: 497260
 Ion Ratio Lower Upper
 112 100
 64 70.5 56.9 85.3
 63 38.5 31.2 46.8

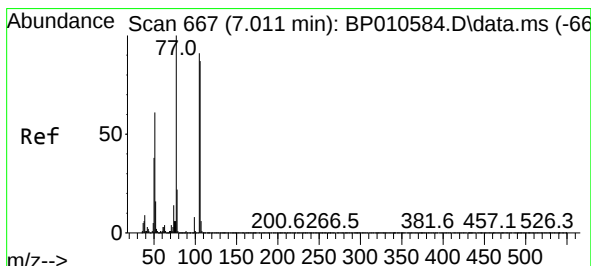
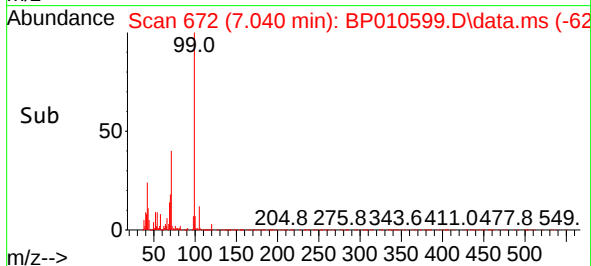
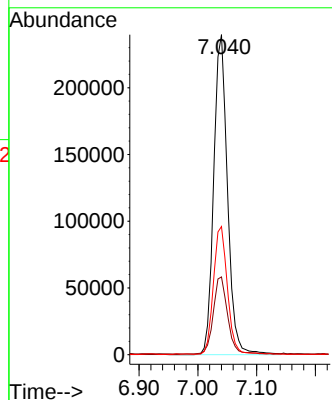
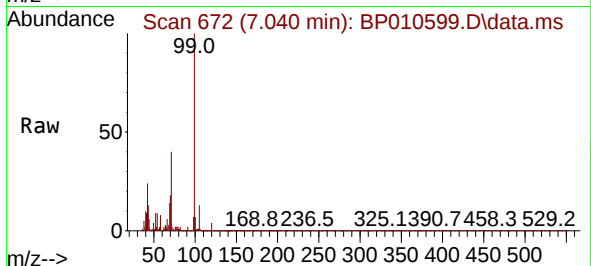




#7
Phenol-d6
Concen: 32.852 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

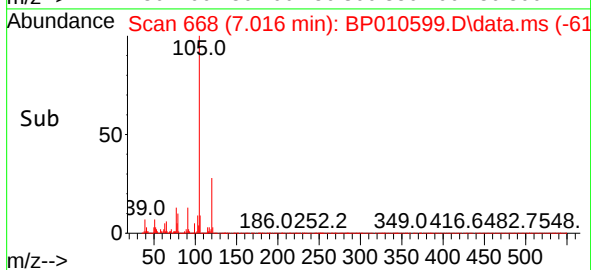
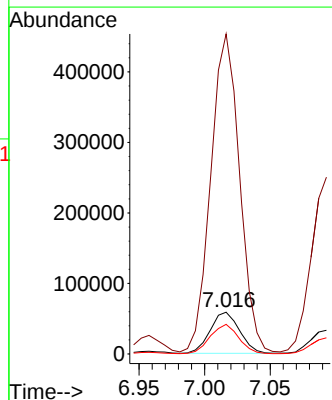
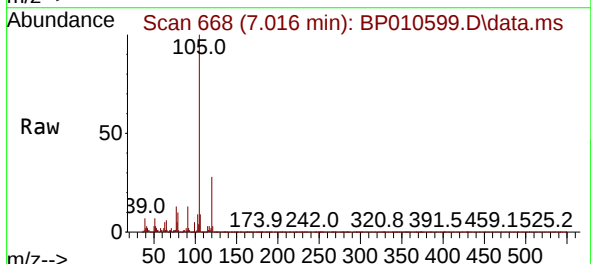
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BNA_P
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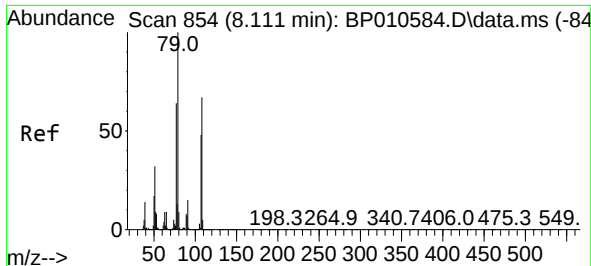
Tgt Ion: 99 Resp: 389927
Ion Ratio Lower Upper
99 100
42 24.3 20.3 30.5
71 40.0 33.9 50.9



#9
Benzaldehyde
Concen: 11.603 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.005 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion: 77 Resp: 90627
Ion Ratio Lower Upper
77 100
105 766.6 71.4 111.4#
106 70.9 66.9 106.9

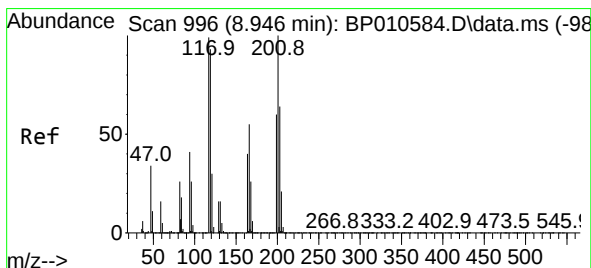
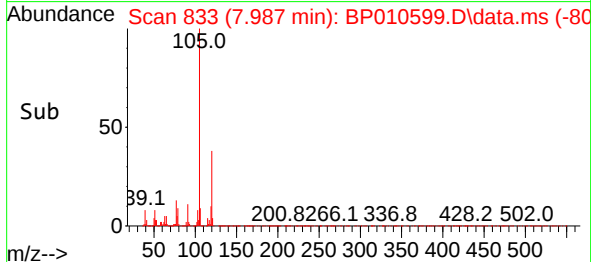
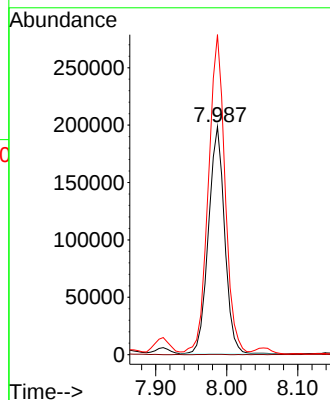
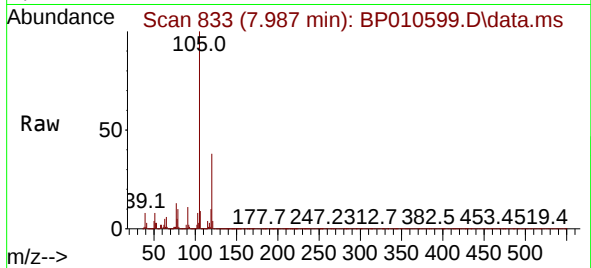




#15
Benzyl Alcohol
Concen: 33.141 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.124 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

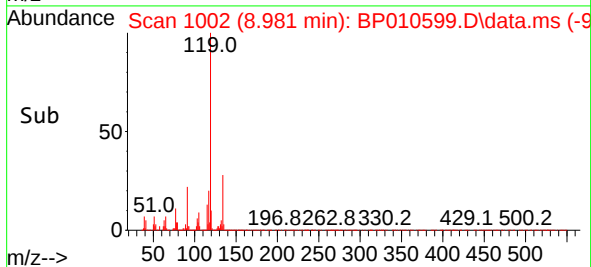
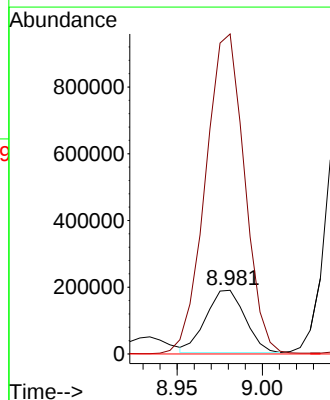
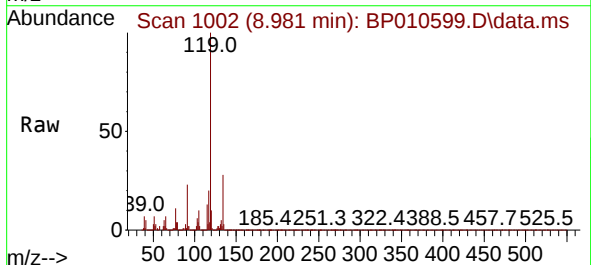
Instrument :
BNA_P
ClientSampleId :
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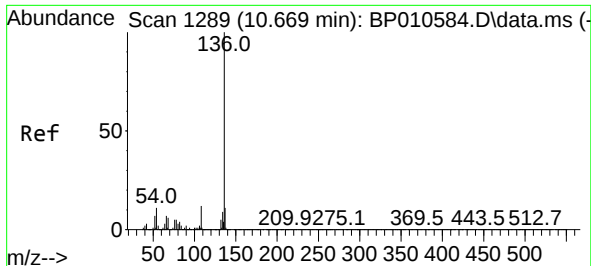
Tgt Ion: 79 Resp: 315325
Ion Ratio Lower Upper
79 100
108 0.2 53.4 80.0#
77 140.4 51.5 77.3#



#18
Hexachloroethane
Concen: 68.601 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.035 min
Lab File: BP010599.D
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Tgt Ion: 117 Resp: 297349
Ion Ratio Lower Upper
117 100
119 502.1 75.6 113.4#
201 0.0 80.9 121.3#

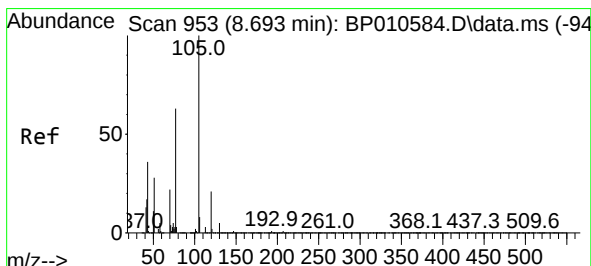
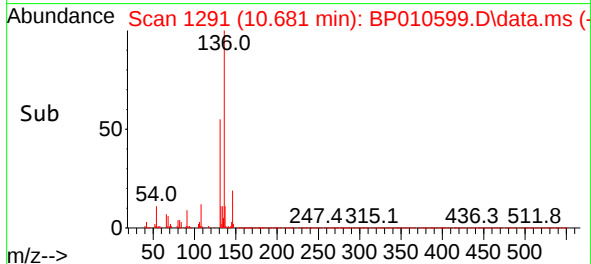
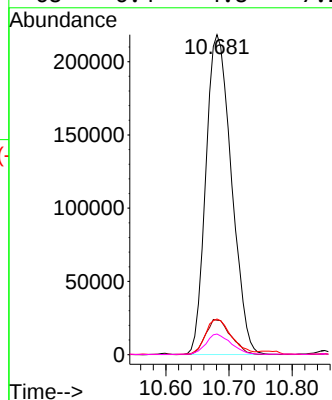
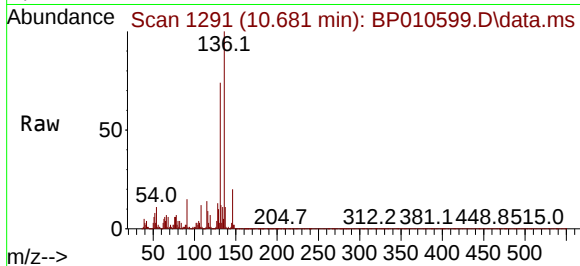




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

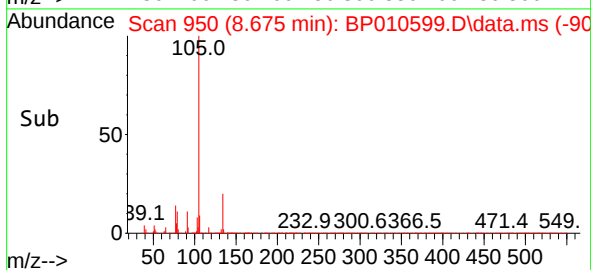
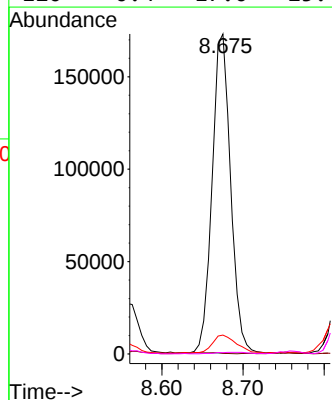
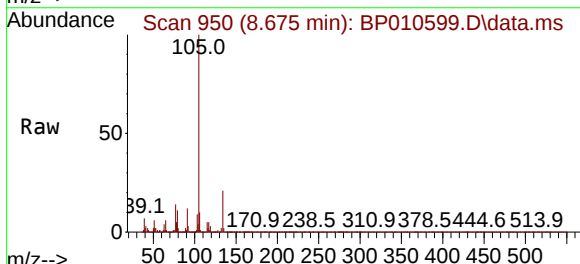
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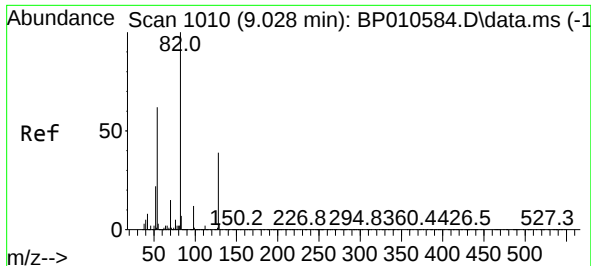
Tgt Ion:	136	Resp:	613069
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	11.1	8.7	13.1
68	6.4	4.8	7.2



#22
Acetophenone
Concen: 17.152 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.018 min
Lab File: BP010599.D
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Tgt Ion:	105	Resp:	274232
Ion Ratio	Lower	Upper	
105	100		
71	0.1	3.4	5.0#
51	5.9	29.5	44.3#
120	0.4	17.0	25.4#

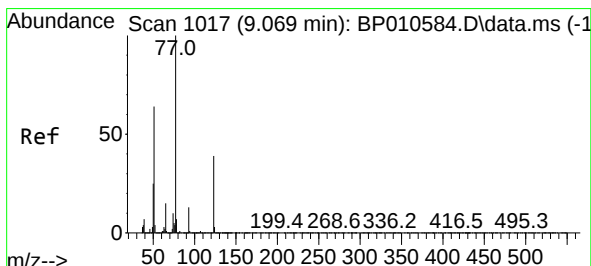
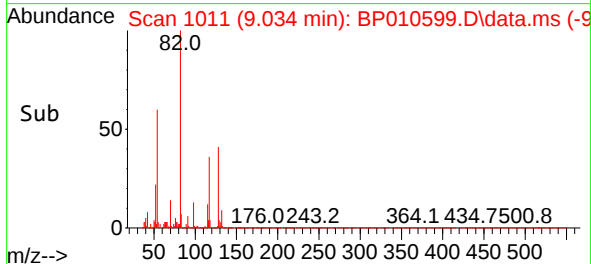
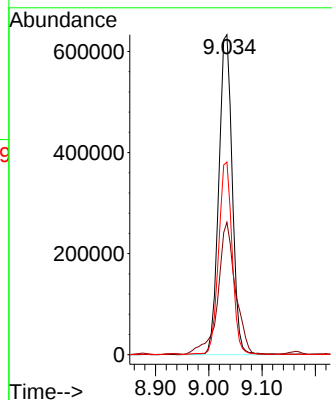
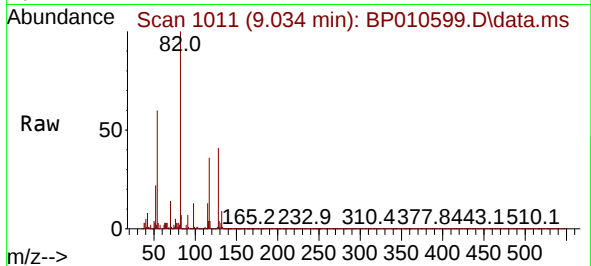




#23
Nitrobenzene-d5
Concen: 85.479 ng
RT: 9.034 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

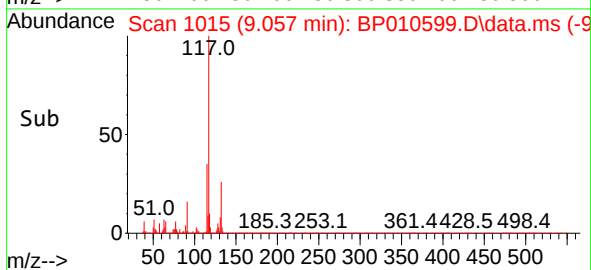
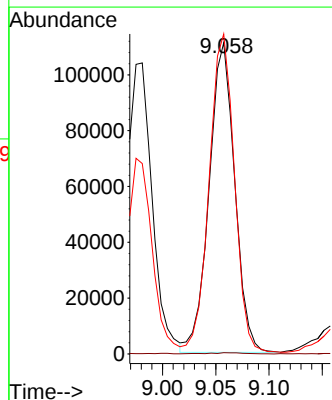
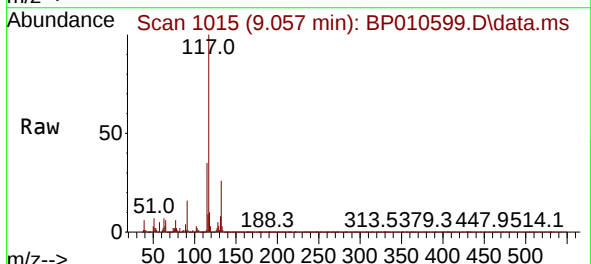
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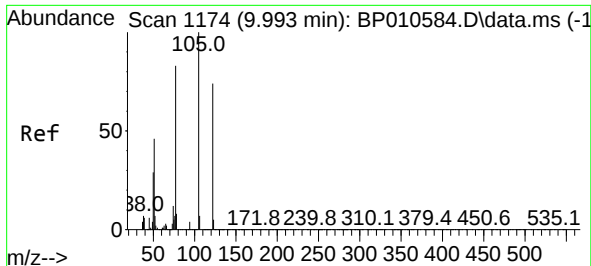
Tgt Ion: 82 Resp: 1108422
Ion Ratio Lower Upper
82 100
128 41.3 31.3 46.9
54 60.2 49.8 74.8



#24
Nitrobenzene
Concen: 14.141 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion: 77 Resp: 185259
Ion Ratio Lower Upper
77 100
123 0.4 31.1 46.7#
65 102.8 12.1 18.1#

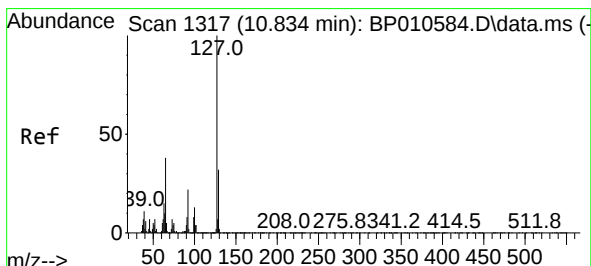
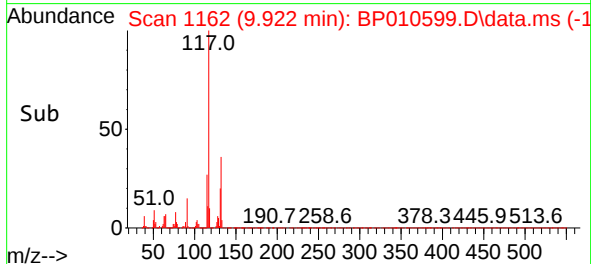
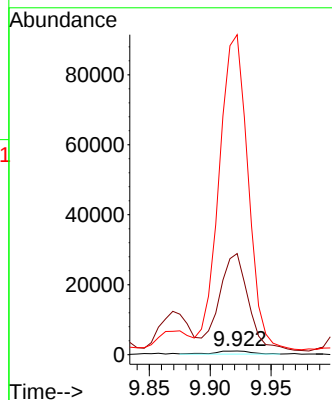
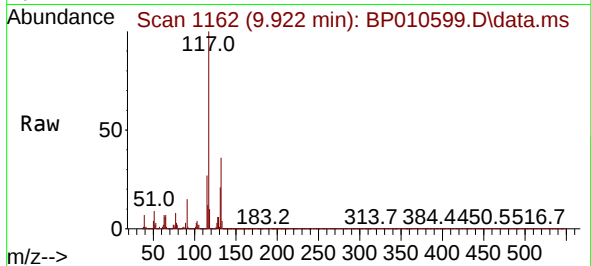




#32
Benzoic acid
Concen: 7.618 ng
RT: 9.922 min Scan# 1174
Delta R.T. -0.071 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

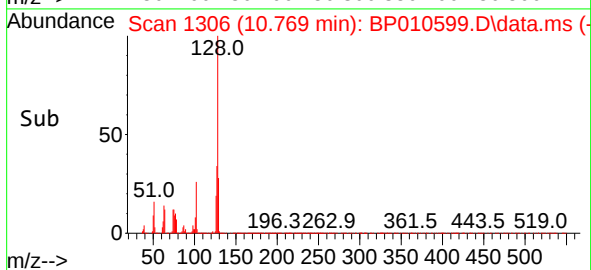
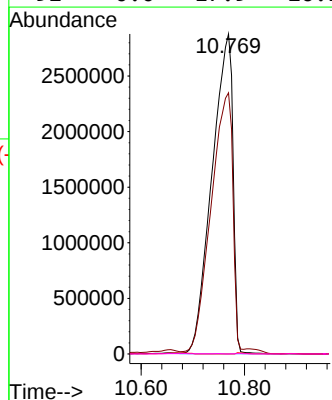
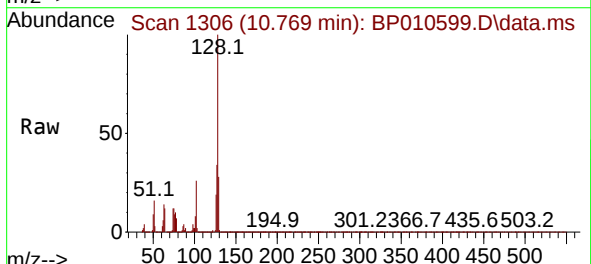
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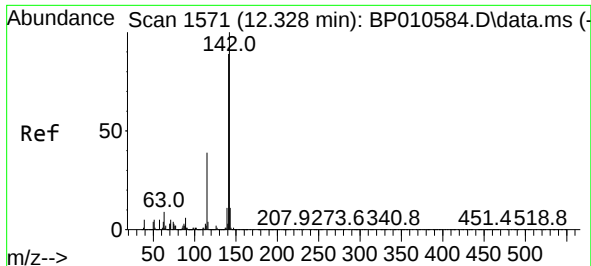
Tgt Ion:122 Resp: 1935
Ion Ratio Lower Upper
122 100
105 2793.0 112.6 152.6#
77 8844.9 90.2 130.2#



#33
4-Chloroaniline
Concen: 648.018 ng
RT: 10.769 min Scan# 1306
Delta R.T. -0.065 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:127 Resp: 8084874
Ion Ratio Lower Upper
127 100
129 81.6 25.4 38.2#
65 0.0 30.4 45.6#
92 0.0 17.9 26.9#

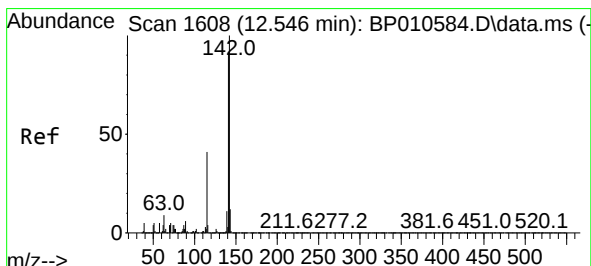
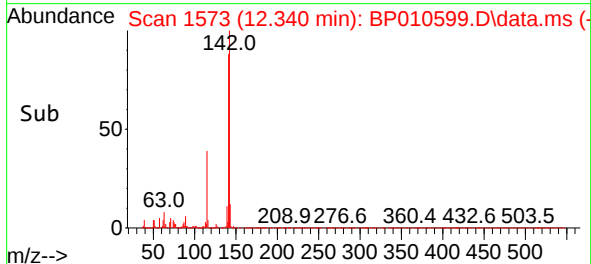
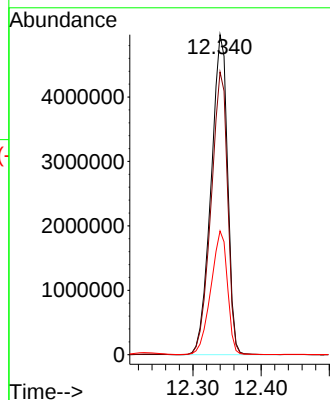
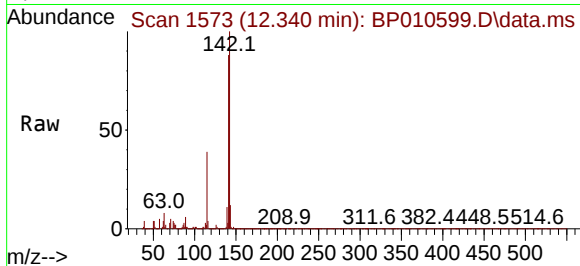




#37
2-Methylnaphthalene
Concen: 372.948 ng
RT: 12.340 min Scan# 1610
Delta R.T. 0.012 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

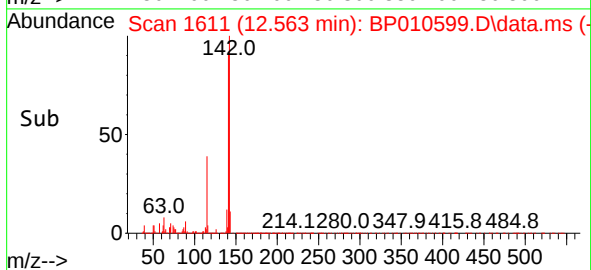
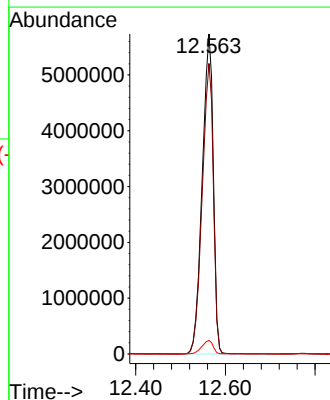
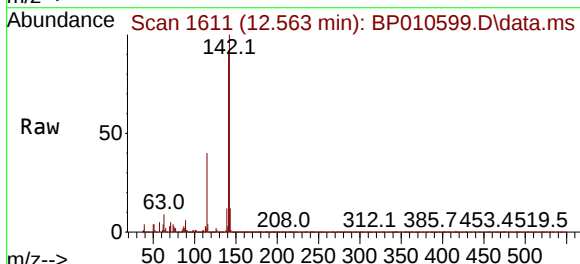
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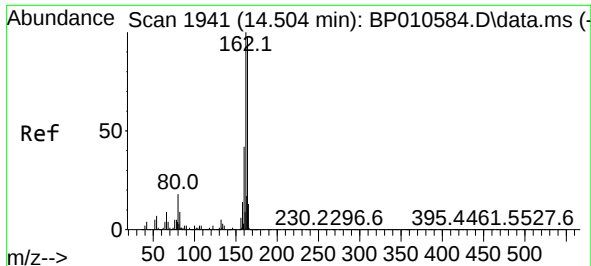
Tgt Ion:142 Resp: 8404585
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 38.7 31.4 47.2



#38
1-Methylnaphthalene
Concen: 445.037 ng
RT: 12.563 min Scan# 1611
Delta R.T. 0.018 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:142 Resp: 9794354
Ion Ratio Lower Upper
142 100
141 90.8 72.6 108.8
116 4.2 3.3 4.9

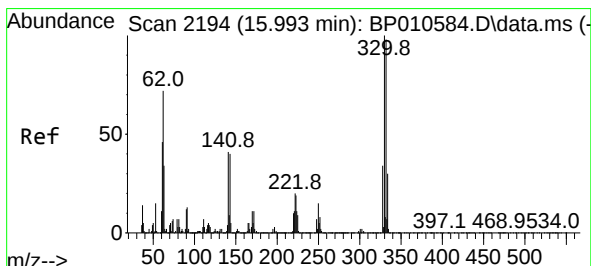
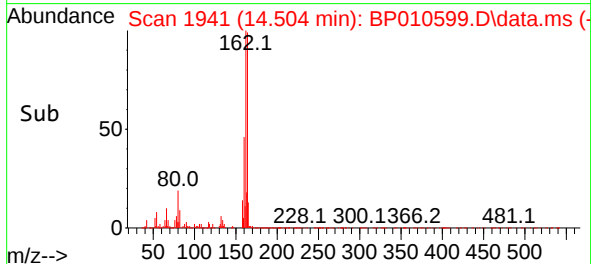
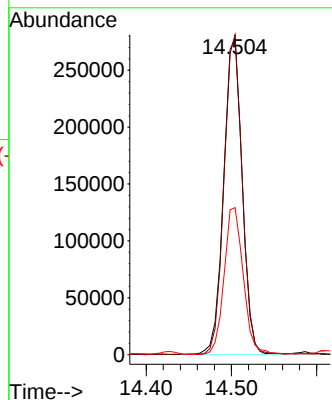
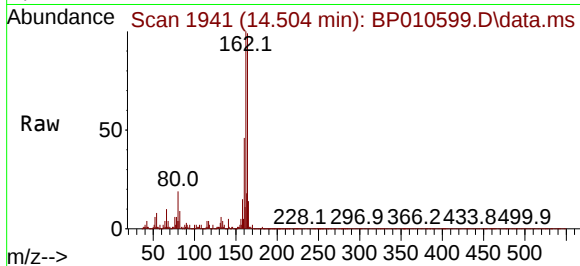




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

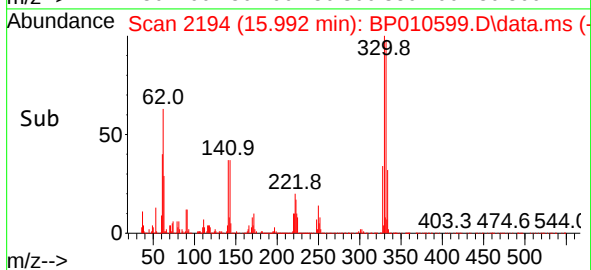
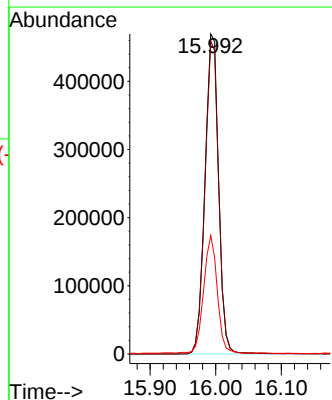
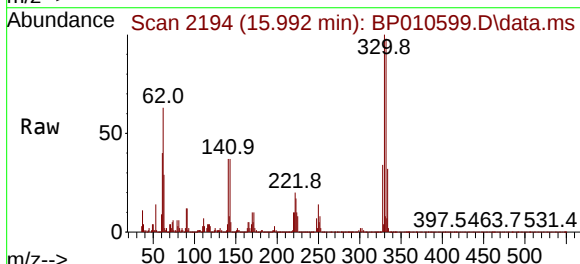
Instrument :
BNA_P
ClientSampleId :
MW-14

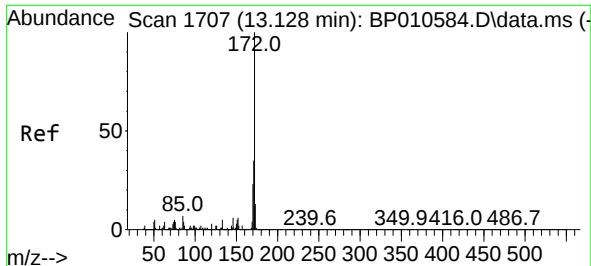
Tgt Ion:164 Resp: 421087
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 46.4 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 143.219 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:330 Resp: 682654
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 36.5 31.4 47.2

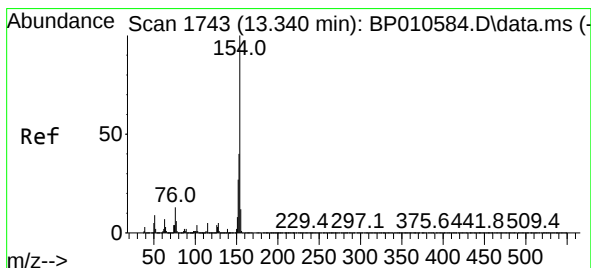
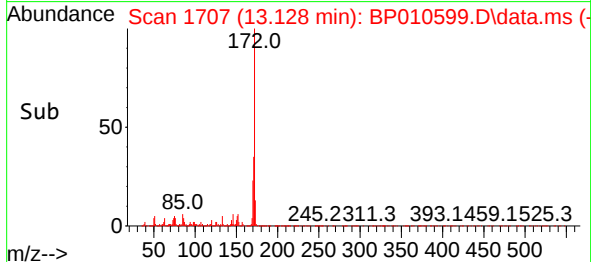
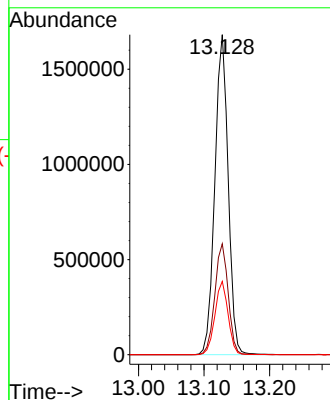
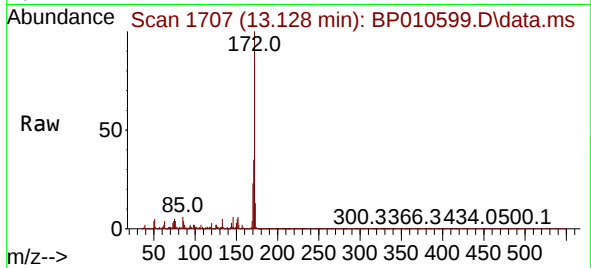




#45
2-Fluorobiphenyl
Concen: 79.859 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

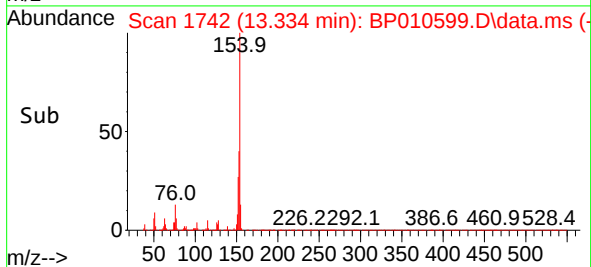
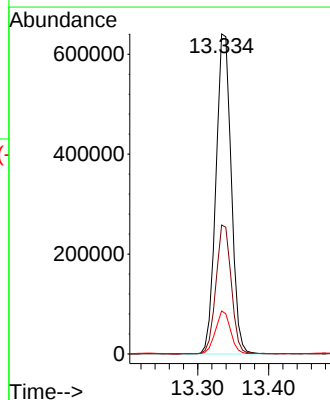
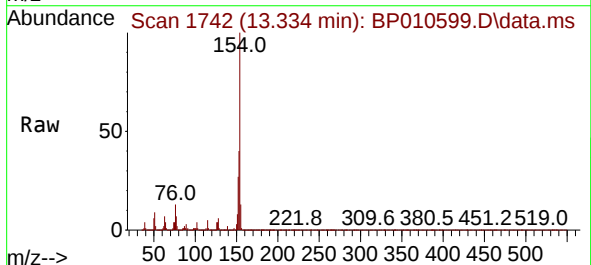
Instrument :
BNA_P
ClientSampleId :
MW-14

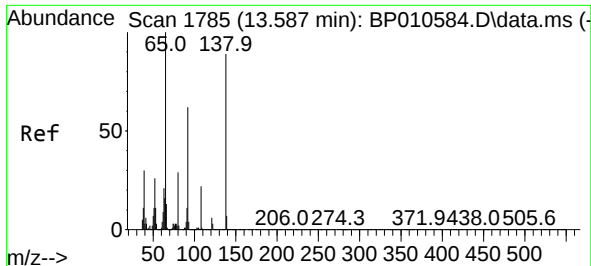
Tgt Ion:172 Resp: 2369401
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.9 18.2 27.2



#46
1,1'-Biphenyl
Concen: 30.440 ng
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:154 Resp: 956046
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 13.4 0.0 33.2

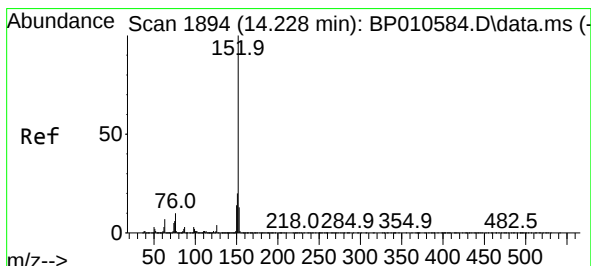
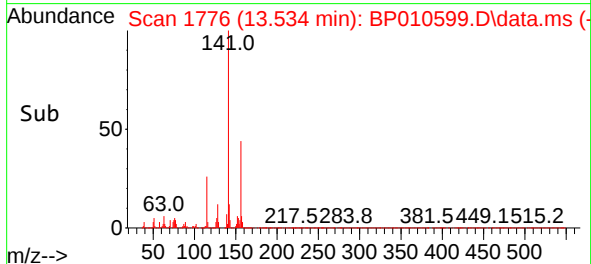
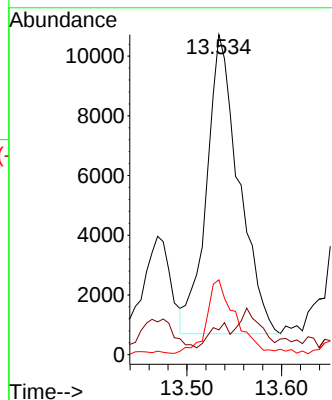
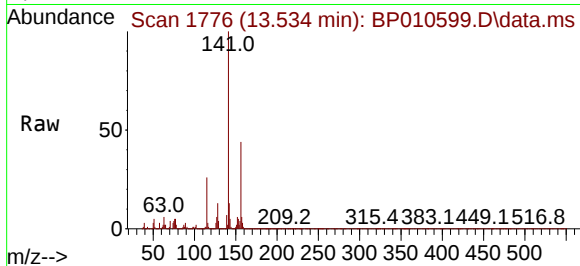




#48
2-Nitroaniline
Concen: 2.775 ng
RT: 13.534 min Scan# 11
Delta R.T. -0.053 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

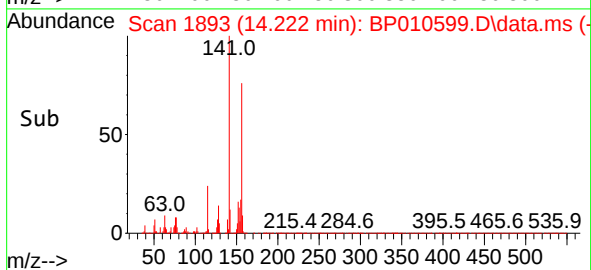
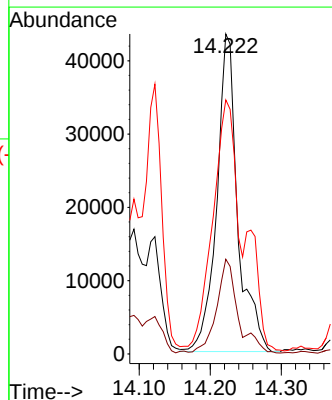
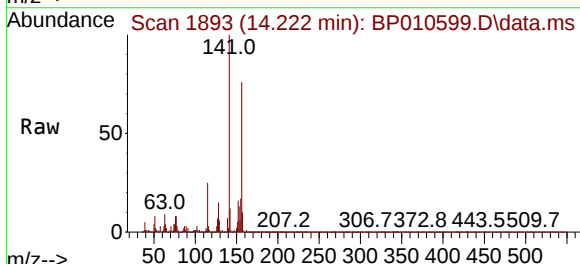
Instrument :
BNA_P
ClientSampleId :
MW-14

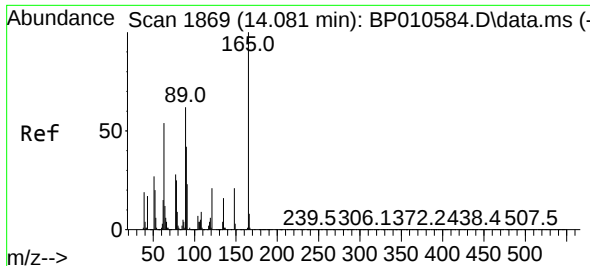
Tgt Ion: 65 Resp: 23747
Ion Ratio Lower Upper
65 100
92 7.8 50.0 75.0#
138 23.4 71.2 106.8#



#49
Acenaphthylene
Concen: 2.344 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion: 152 Resp: 88872
Ion Ratio Lower Upper
152 100
151 29.6 15.7 23.5#
153 79.4 10.4 15.6#

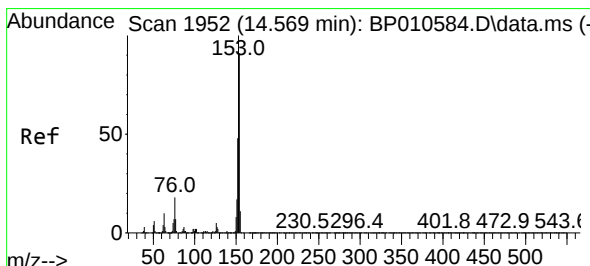
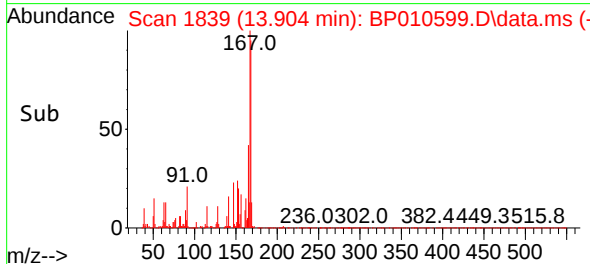
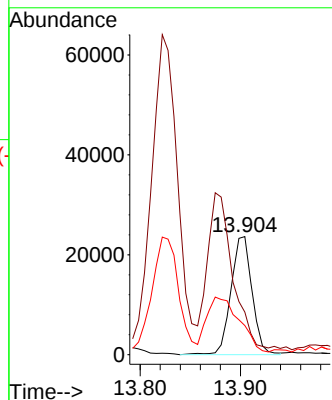
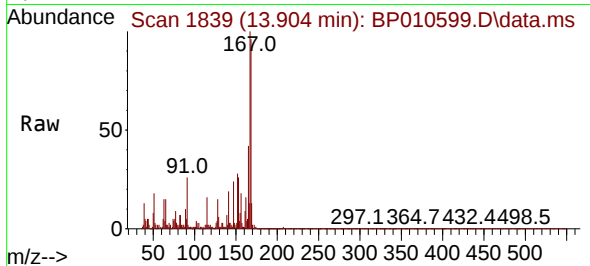




#51
2,6-Dinitrotoluene
Concen: 5.356 ng
RT: 13.904 min Scan# 1839
Delta R.T. -0.177 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

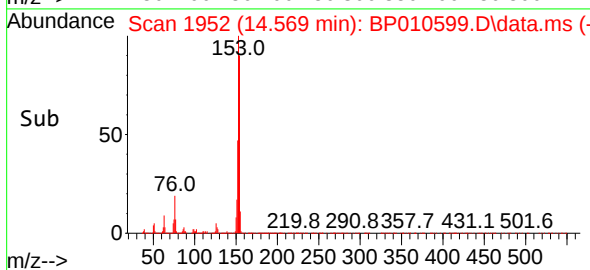
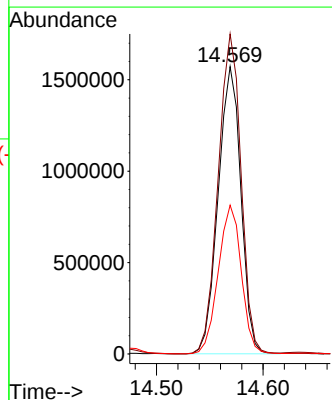
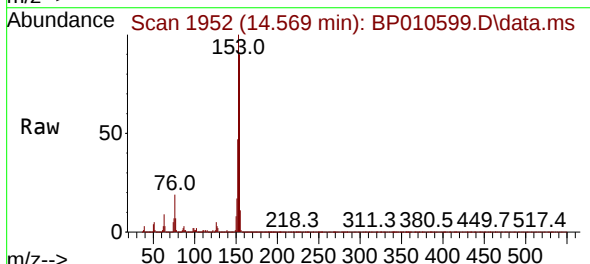
Instrument :
BNA_P
ClientSampleId :
MW-14

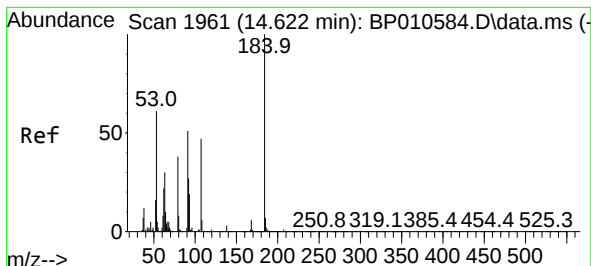
Tgt Ion:165 Resp: 34521
Ion Ratio Lower Upper
165 100
63 36.0 57.3 85.9#
89 24.6 50.2 75.2#



#52
Acenaphthene
Concen: 99.892 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:154 Resp: 2325557
Ion Ratio Lower Upper
154 100
153 111.3 87.4 131.2
152 51.8 41.7 62.5





#54

2,4-Dinitrophenol

Concen: 6.667 ng

RT: 14.634 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP010599.D

Acq: 28 May 2022 14:35

Instrument :

BNA_P

ClientSampleId :

MW-14

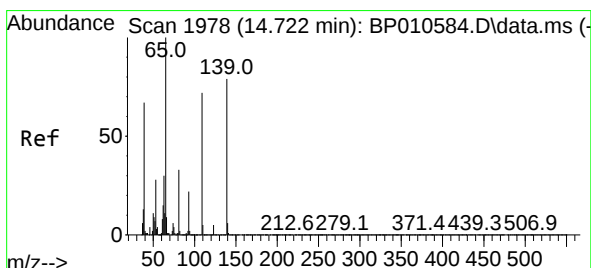
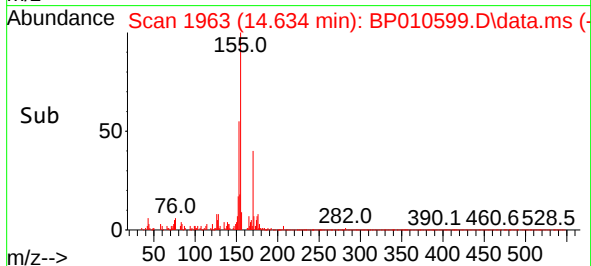
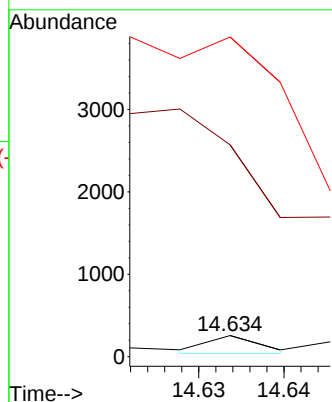
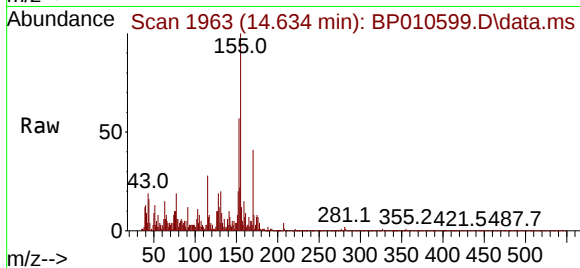
Tgt Ion:184 Resp: 92

Ion Ratio Lower Upper

184 100

63 1000.4 65.4 98.2#

154 1509.3 55.4 83.2#



#56

4-Nitrophenol

Concen: 5.882 ng

RT: 14.710 min Scan# 1976

Delta R.T. -0.012 min

Lab File: BP010599.D

Acq: 28 May 2022 14:35

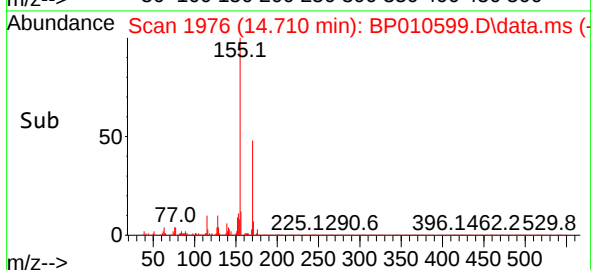
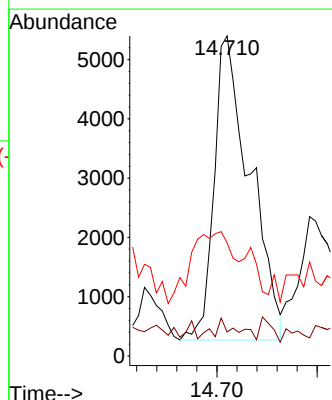
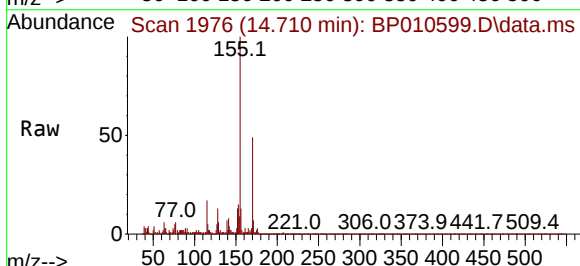
Tgt Ion:139 Resp: 12710

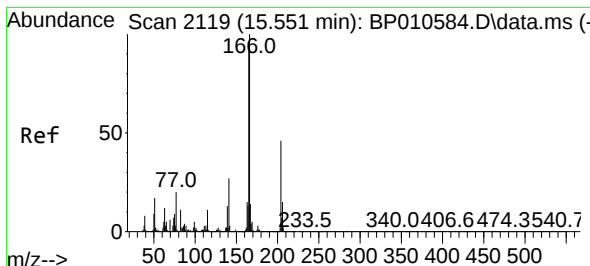
Ion Ratio Lower Upper

139 100

109 7.5 70.6 110.6#

65 35.4 106.6 146.6#





#58

Fluorene

Concen: 29.597 ng

RT: 15.551 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BP010599.D

Acq: 28 May 2022 14:35

Instrument :

BNA_P

ClientSampleId :

MW-14

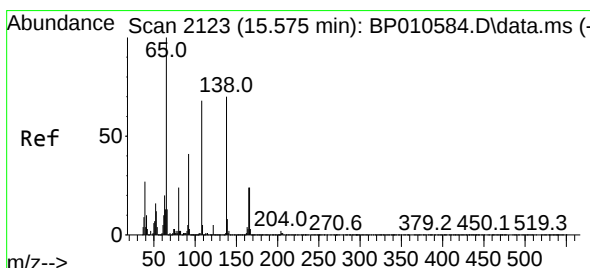
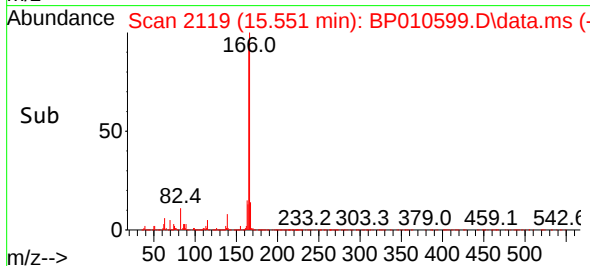
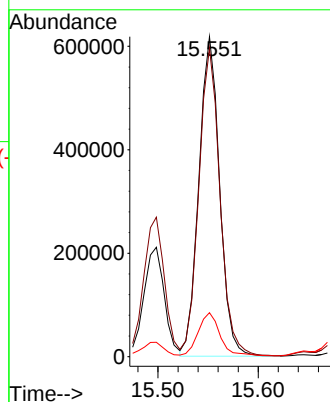
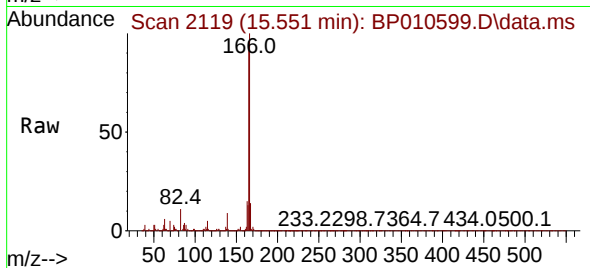
Tgt Ion:166 Resp: 890794

Ion Ratio Lower Upper

166 100

165 96.5 77.0 115.4

167 13.8 10.9 16.3



#62

4-Nitroaniline

Concen: 3.576 ng

RT: 15.551 min Scan# 2119

Delta R.T. -0.024 min

Lab File: BP010599.D

Acq: 28 May 2022 14:35

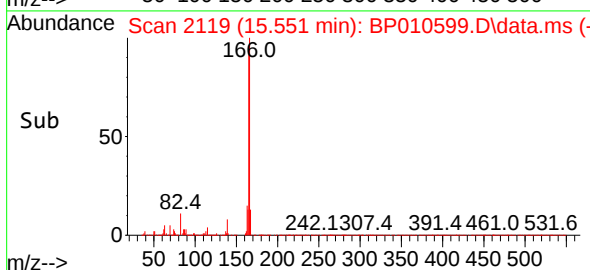
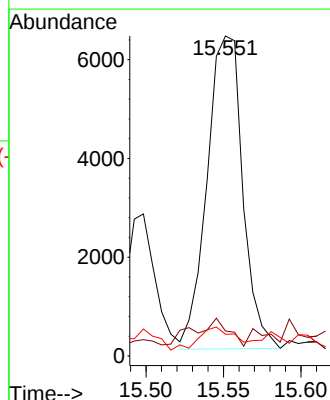
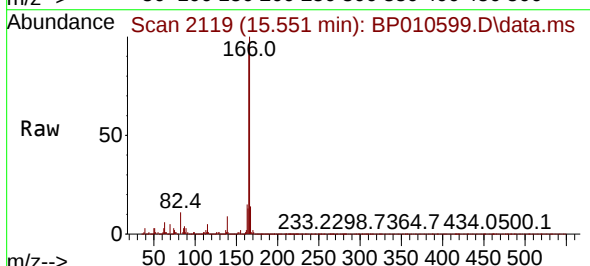
Tgt Ion:138 Resp: 10146

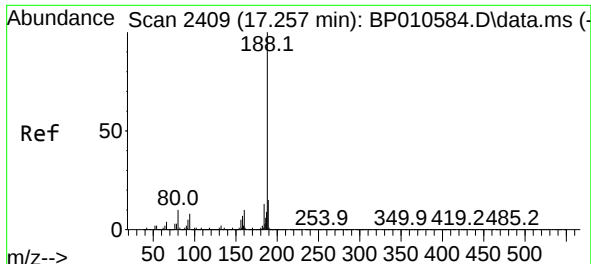
Ion Ratio Lower Upper

138 100

92 7.8 38.0 78.0#

108 6.8 77.6 117.6#

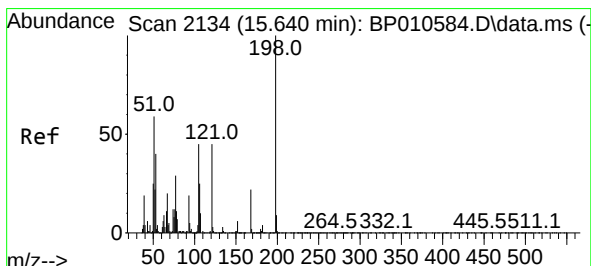
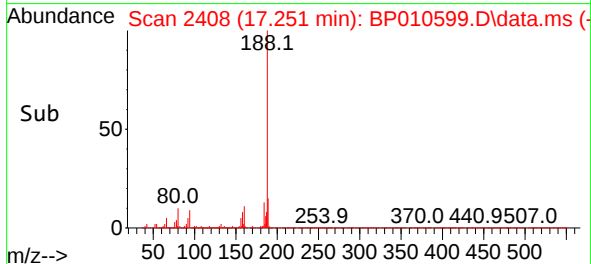
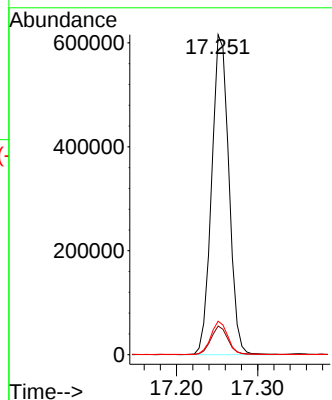
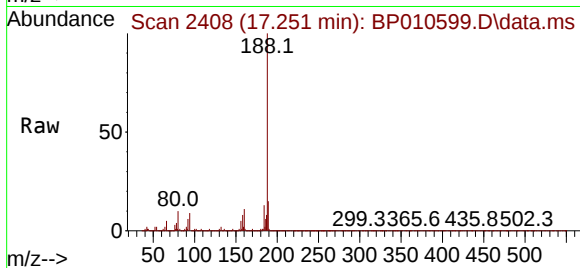




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

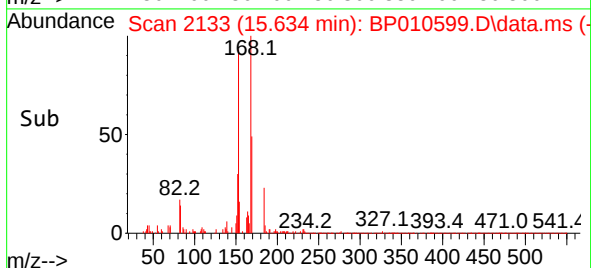
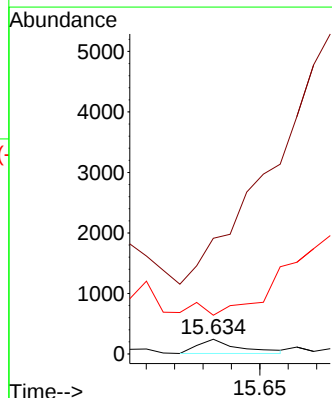
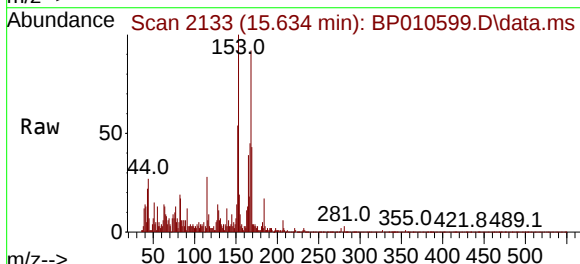
Instrument :
BNA_P
ClientSampleId :
MW-14

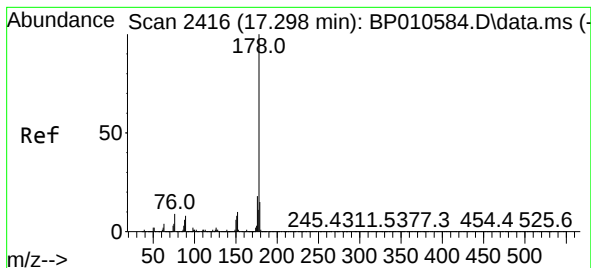
Tgt Ion:188 Resp: 905707
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 10.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.640 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:198 Resp: 239
Ion Ratio Lower Upper
198 100
51 786.4 41.2 81.2#
105 263.4 25.3 65.3#





#71

Phenanthrene

Concen: 44.701 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP010599.D

Acq: 28 May 2022 14:35

Instrument :

BNA_P

ClientSampleId :

MW-14

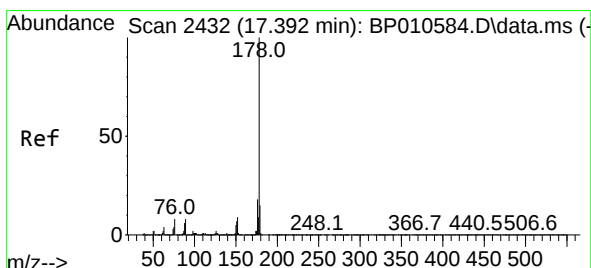
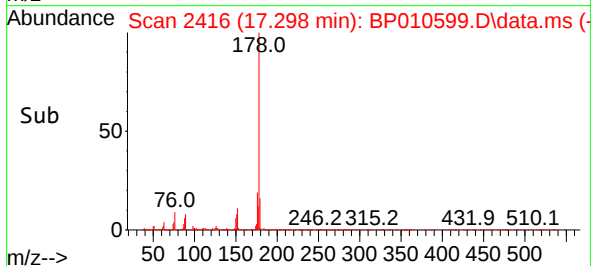
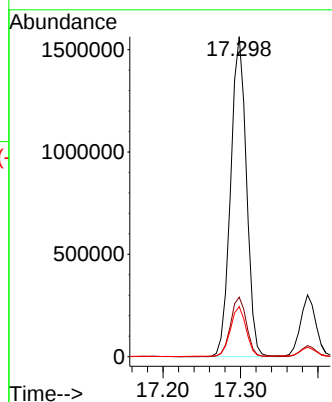
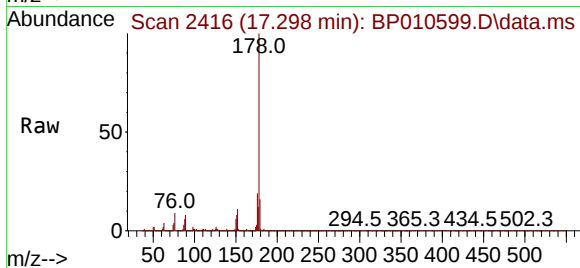
Tgt Ion:178 Resp: 2220221

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.7 12.2 18.2



#72

Anthracene

Concen: 8.548 ng

RT: 17.386 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP010599.D

Acq: 28 May 2022 14:35

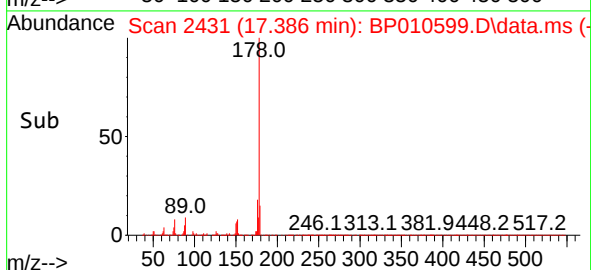
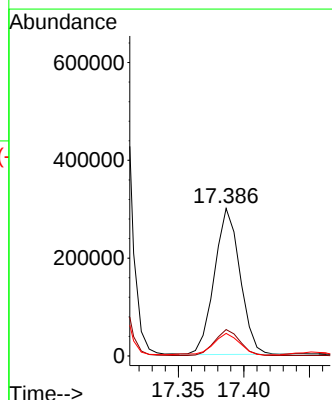
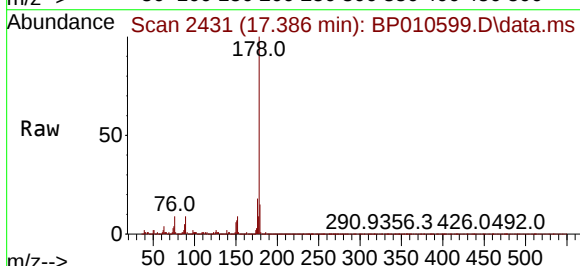
Tgt Ion:178 Resp: 406559

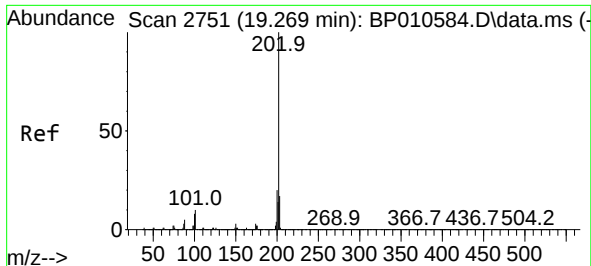
Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

179 15.3 12.2 18.4

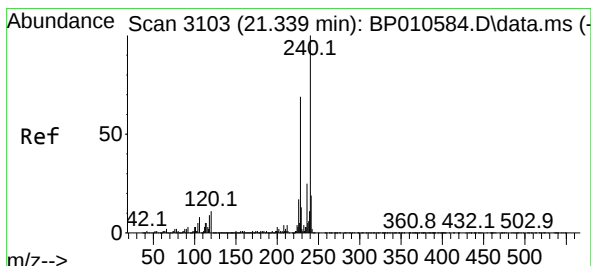
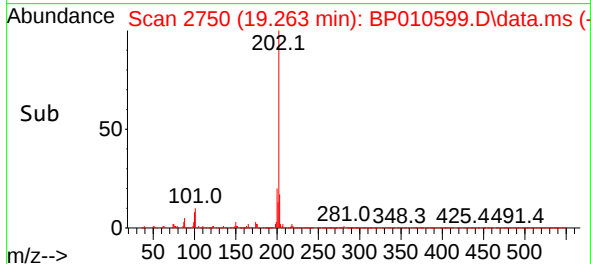
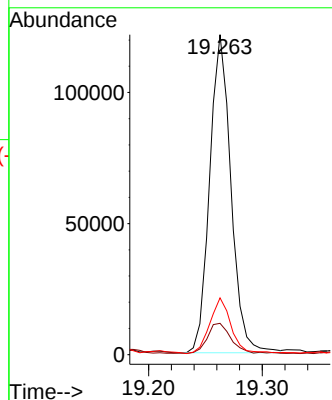
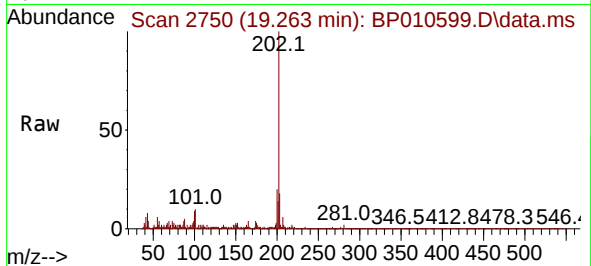




#75
Fluoranthene
Concen: 2.927 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

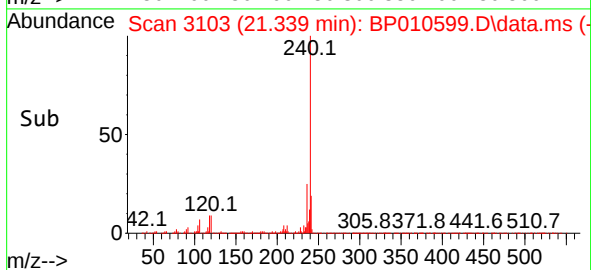
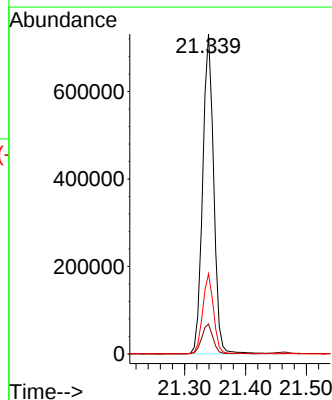
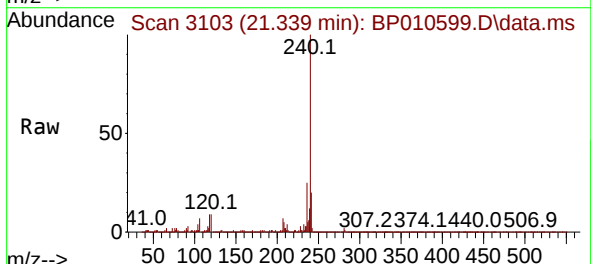
Instrument :
BNA_P
ClientSampleId :
MW-14

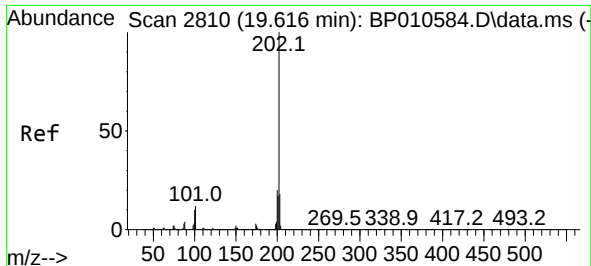
Tgt Ion:202 Resp: 157895
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.6
203 17.8 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:240 Resp: 922365
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 25.0 19.8 29.6

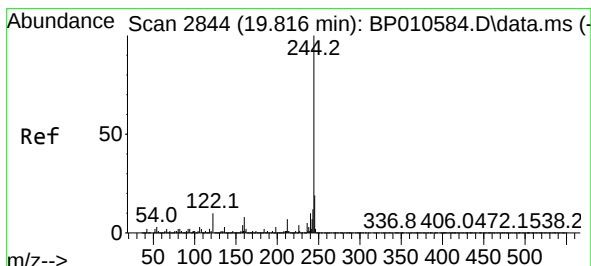
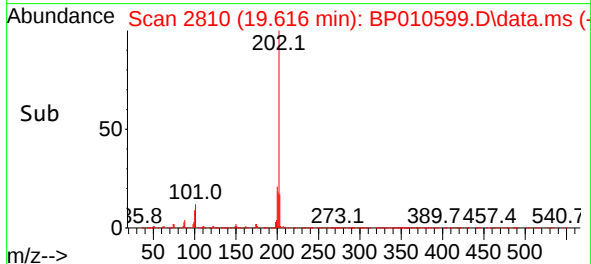
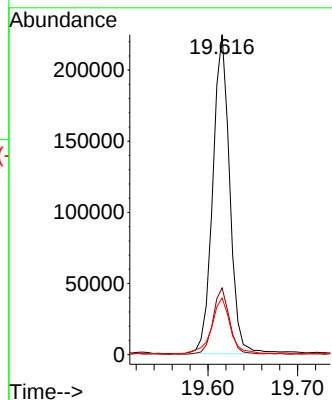
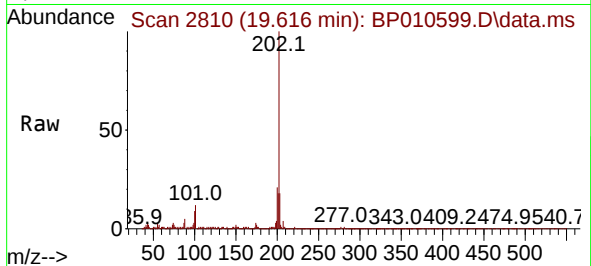




#78
Pyrene
Concen: 4.575 ng
RT: 19.616 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

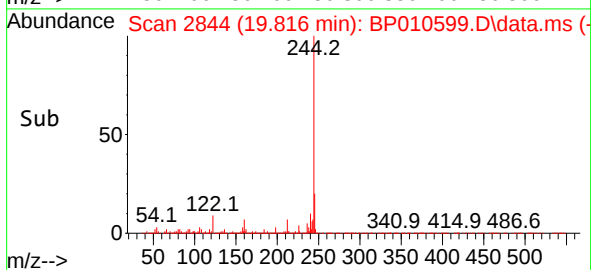
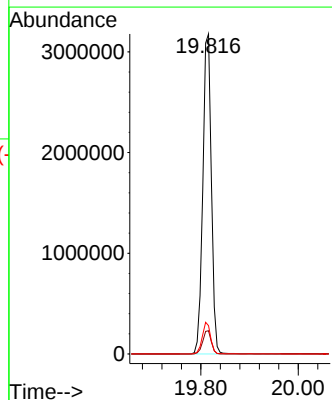
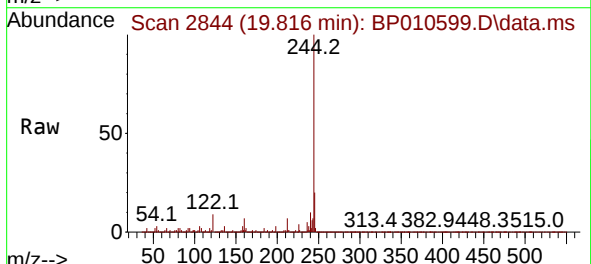
Instrument :
BNA_P
ClientSampleId :
MW-14

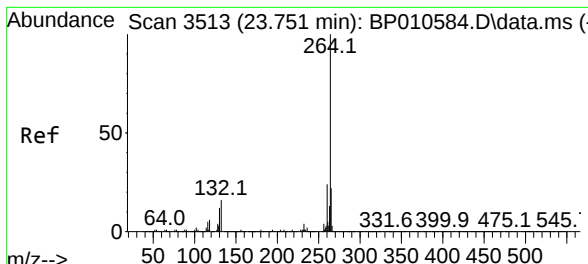
Tgt Ion:202 Resp: 294085
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 17.7 14.2 21.4



#79
Terphenyl-d14
Concen: 78.760 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:244 Resp: 3867582
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 8.9 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Instrument :
BNA_P
ClientSampleId :
MW-14

Tgt Ion:264 Resp: 965968
Ion Ratio Lower Upper
264 100
260 22.4 19.3 28.9
265 22.1 18.0 27.0

