

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009388.D
 Acq On : 14 Mar 2022 18:33
 Operator : CG/JU
 Sample : N1905-19 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

Quant Time: Mar 15 01:01:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	370951	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1424245	20.000	ng	# 0.02
39) Acenaphthene-d10	14.492	164	976084	20.000	ng	0.03
64) Phenanthrene-d10	17.251	188	1798545	20.000	ng	# 0.03
76) Chrysene-d12	21.351	240	1594169	20.000	ng	# 0.02
86) Perylene-d12	23.786	264	1795934	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	995761	39.183	ng	0.01
7) Phenol-d6	7.011	99	1276484	39.526	ng	0.02
23) Nitrobenzene-d5	8.987	82	1603989	62.030	ng	0.01
42) 2,4,6-Tribromophenol	15.992	330	827352	70.196	ng	0.04
45) 2-Fluorobiphenyl	13.104	172	2108200	29.702	ng	0.02
79) Terphenyl-d14	19.816	244	2878856	34.079	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.981	77	314931	15.306	ng	# 19
11) bis(2-Chloroethyl)ether	7.216	93	83901	3.242	ng	# 1
15) Benzyl Alcohol	8.022	79	125876	5.527	ng	# 55
17) 2-Methylphenol	8.322	107	59314	2.740	ng	# 1
18) Hexachloroethane	8.946	117	2277317	210.276	ng	# 1
19) n-Nitroso-di-n-propyla...	8.616	70	571093	29.321	ng	# 69
22) Acetophenone	8.640	105	130323	3.423	ng	# 1
24) Nitrobenzene	9.034	77	451927	16.491	ng	# 60
25) Isophorone	9.569	82	1843411	38.112	ng	# 1
26) 2-Nitrophenol	9.787	139	216074	20.353	ng	# 1
27) 2,4-Dimethylphenol	9.857	122	322862	13.827	ng	# 1
28) bis(2-Chloroethoxy)met...	10.057	93	176662	5.581	ng	# 1
29) 2,4-Dichlorophenol	10.299	162	207427	9.211	ng	# 5
31) Naphthalene	10.699	128	483974	6.136	ng	# 1
32) Benzoic acid	9.969	122	37962	3.201	ng	# 1
33) 4-Chloroaniline	10.763	127	266083	8.251	ng	# 1
35) Caprolactam	11.716	113	2163126	326.325	ng	94
36) 4-Chloro-3-methylphenol	11.893	107	166642	7.089	ng	# 35
37) 2-Methylnaphthalene	12.310	142	525054	9.369	ng	# 49
38) 1-Methylnaphthalene	12.528	142	1362317	26.396	ng	# 91
43) 2,4,6-Trichlorophenol	12.916	196	55455	2.808	ng	# 16
44) 2,4,5-Trichlorophenol	12.963	196	76690	3.540	ng	# 1
48) 2-Nitroaniline	13.534	65	35925	2.588	ng	# 58
49) Acenaphthylene	14.222	152	790364	8.474	ng	# 1
51) 2,6-Dinitrotoluene	14.063	165	179025	12.592	ng	# 17
52) Acenaphthene	14.557	154	786004	13.149	ng	# 83
53) 3-Nitroaniline	14.416	138	120094	7.952	ng	# 28
55) Dibenzofuran	14.892	168	1242375	13.721	ng	# 1
56) 4-Nitrophenol	14.716	139	773430	61.583	ng	# 42
57) 2,4-Dinitrotoluene	14.857	165	167401	9.196	ng	# 55
58) Fluorene	15.545	166	2165196	30.535	ng	# 84
62) 4-Nitroaniline	15.539	138	43225	2.952	ng	# 80
63) Azobenzene	15.834	77	276984	4.022	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.592	198	31352	3.963	ng	# 1
66) n-Nitrosodiphenylamine	15.763	169	3492551	61.862	ng	# 50
71) Phenanthrene	17.292	178	5406973	52.310	ng	# 93

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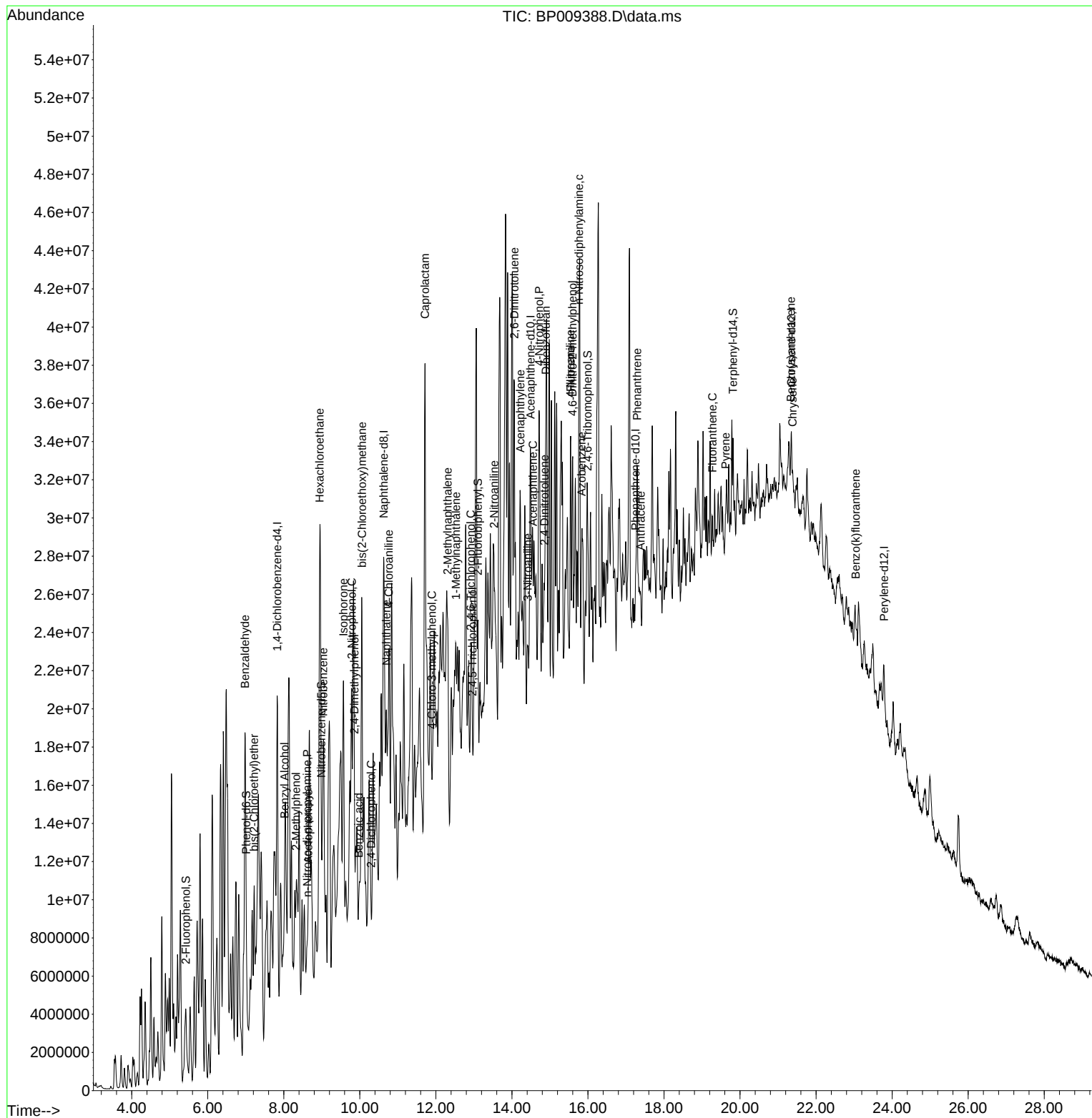
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	17.386	178	670640	6.518	ng	# 51
75) Fluoranthene	19.275	202	308228	2.584	ng	# 38
78) Pyrene	19.622	202	901230	8.373	ng	# 76
81) Benzo(a)anthracene	21.339	228	328190	3.037	ng	# 34
83) Chrysene	21.386	228	751285	7.161	ng	# 55
89) Benzo(k)fluoranthene	23.045	252	236769	2.044	ng	# 1

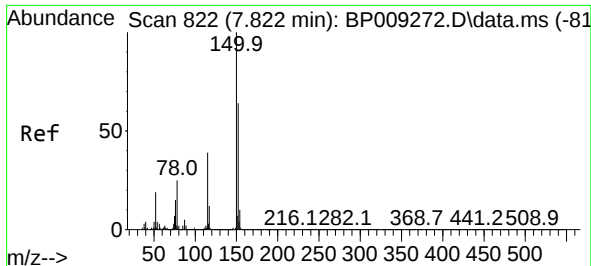
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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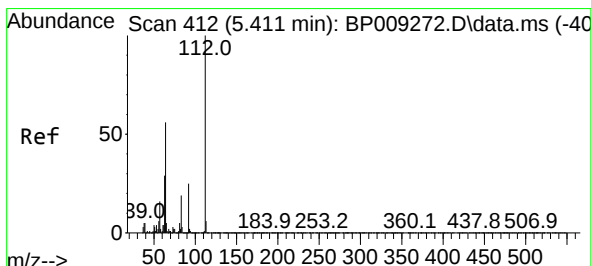
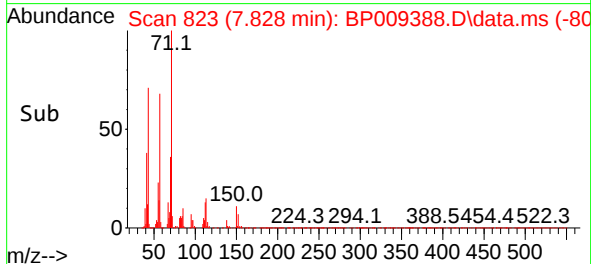
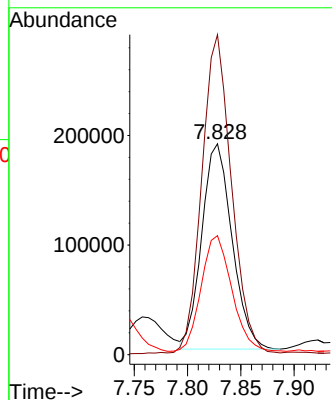
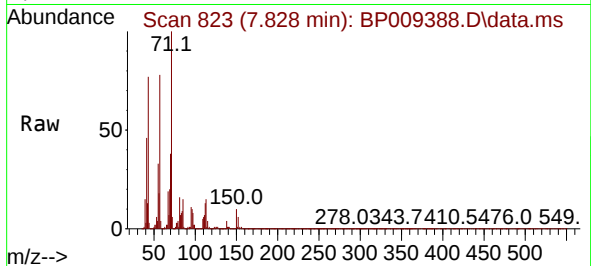




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009388.D
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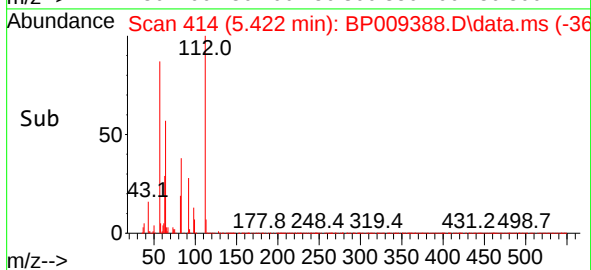
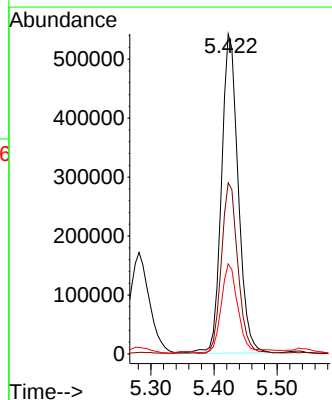
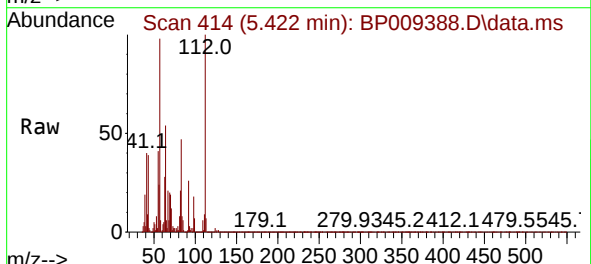
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

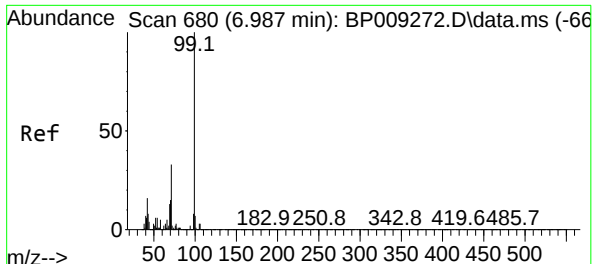
Tgt Ion:152 Resp: 370951
Ion Ratio Lower Upper
152 100
150 151.7 124.5 186.7
115 56.4 48.2 72.4



#5
2-Fluorophenol
Concen: 39.183 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:112 Resp: 995761
Ion Ratio Lower Upper
112 100
64 53.5 45.0 67.4
63 28.1 23.0 34.6

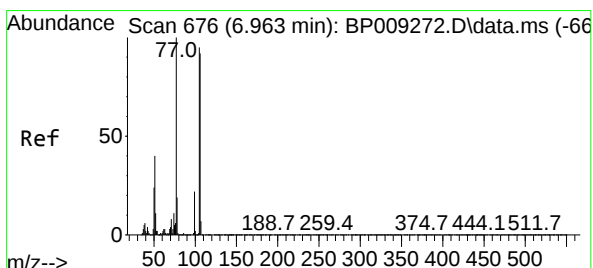
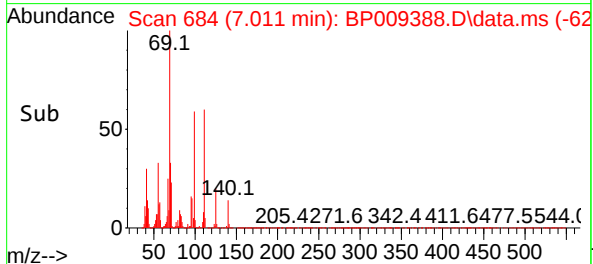
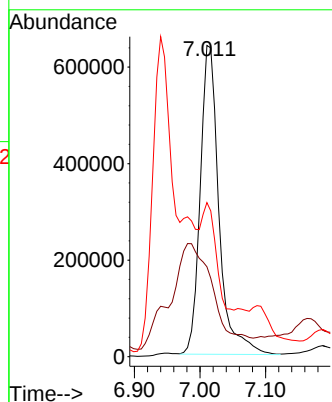
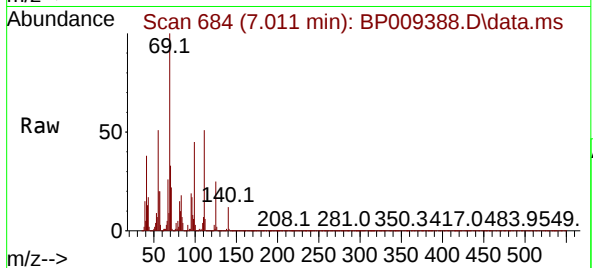




#7
Phenol-d6
Concen: 39.526 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

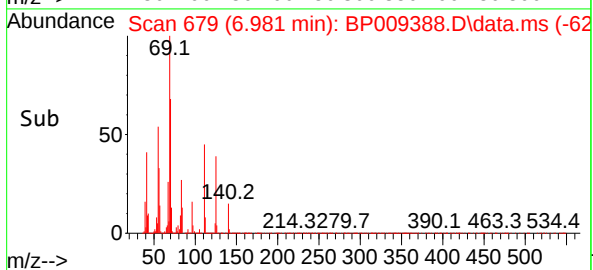
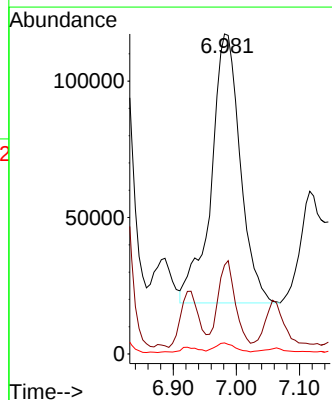
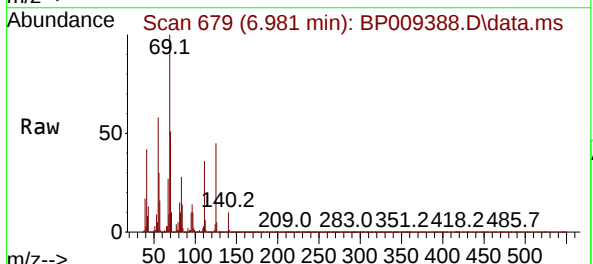
Instrument :
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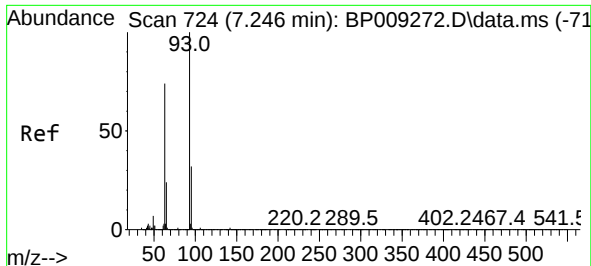
Tgt Ion: 99 Resp: 1276484
Ion Ratio Lower Upper
99 100
42 28.9 12.8 19.2#
71 49.5 26.3 39.5#



#9
Benzaldehyde
Concen: 15.306 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.018 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion: 77 Resp: 314931
Ion Ratio Lower Upper
77 100
105 27.7 75.2 115.2#
106 3.4 72.3 112.3#

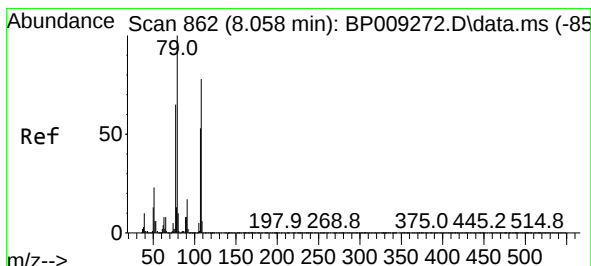
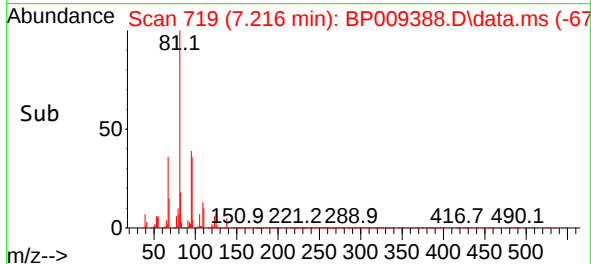
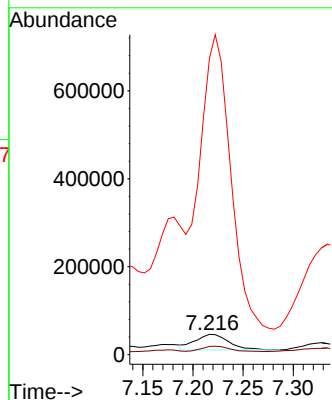
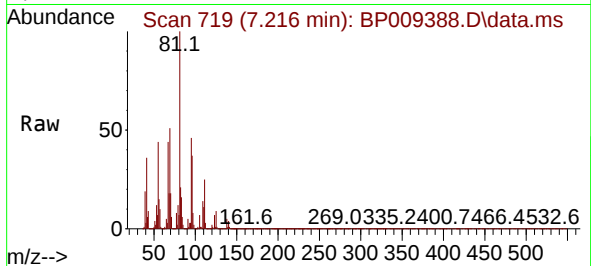




#11
bis(2-Chloroethyl)ether
Concen: 3.242 ng
RT: 7.216 min Scan# 71
Delta R.T. -0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

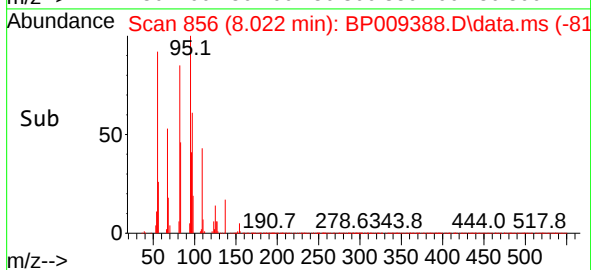
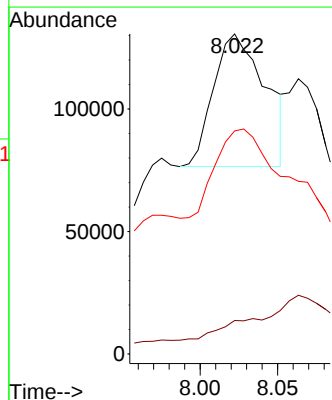
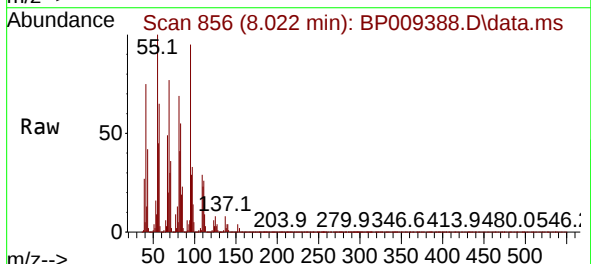
Instrument :
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ClientSampleId :
WC-14A-1A-2

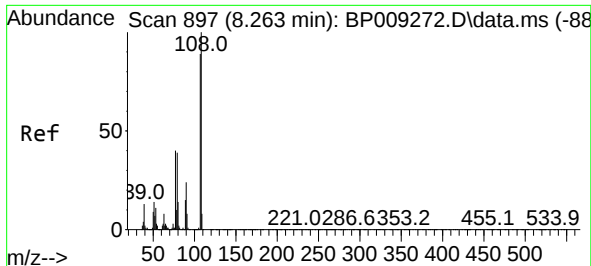
Tgt Ion: 93 Resp: 83901
Ion Ratio Lower Upper
93 100
63 41.0 53.5 93.5#
95 1462.3 12.0 52.0#



#15
Benzyl Alcohol
Concen: 5.527 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.035 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion: 79 Resp: 125876
Ion Ratio Lower Upper
79 100
108 10.4 62.5 93.7#
77 69.7 51.7 77.5

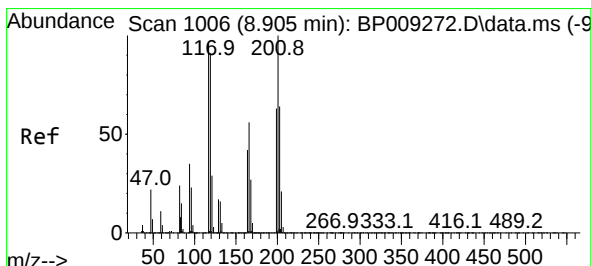
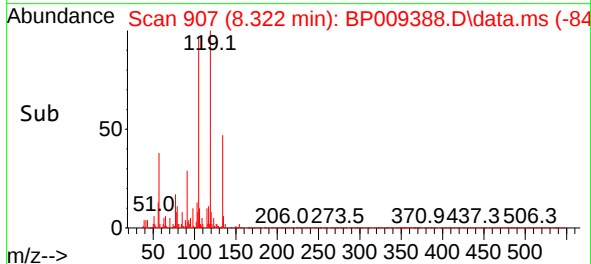
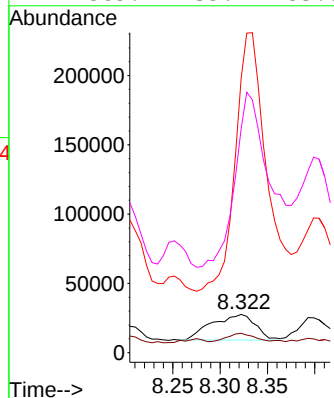
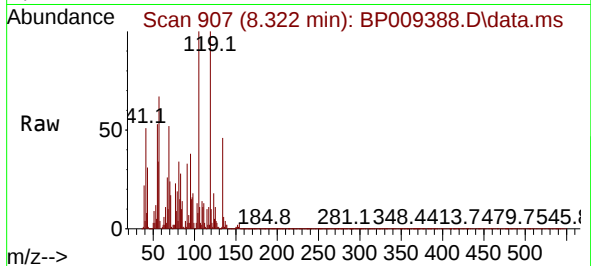




#17
2-Methylphenol
Concen: 2.740 ng
RT: 8.322 min Scan# 90
Delta R.T. 0.059 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

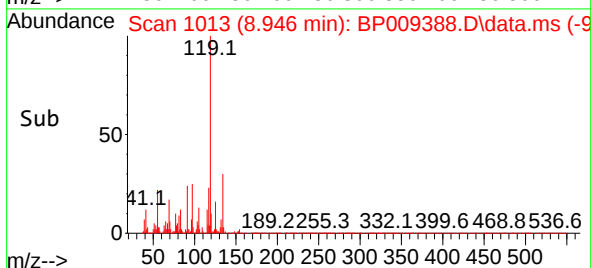
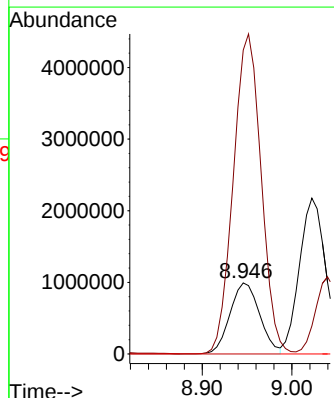
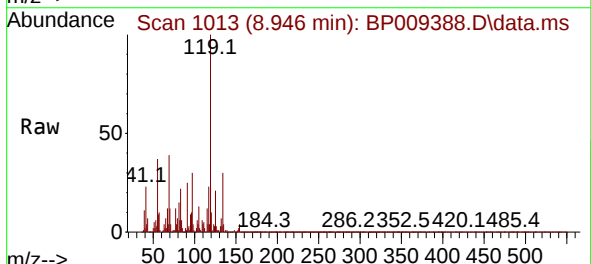
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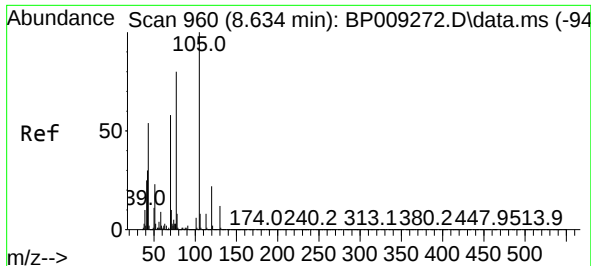
Tgt Ion:107 Resp: 59314
Ion Ratio Lower Upper
107 100
108 50.5 90.2 135.2#
77 716.6 36.3 54.5#
79 585.2 35.4 53.0#



#18
Hexachloroethane
Concen: 210.276 ng
RT: 8.946 min Scan# 1013
Delta R.T. 0.041 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:117 Resp: 2277317
Ion Ratio Lower Upper
117 100
119 428.1 76.4 114.6#
201 0.0 83.4 125.2#



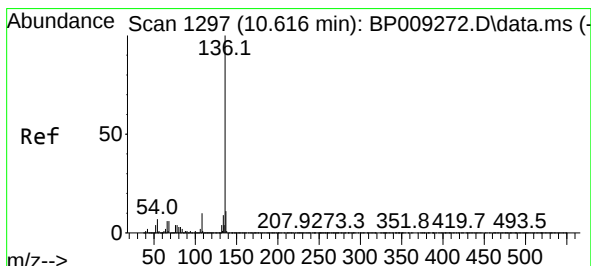
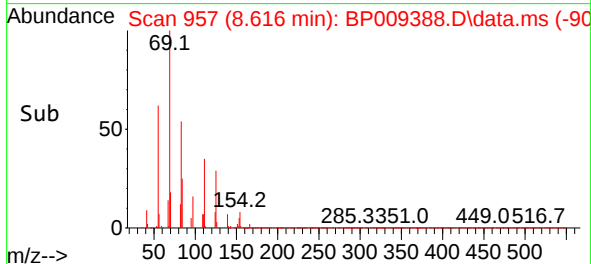
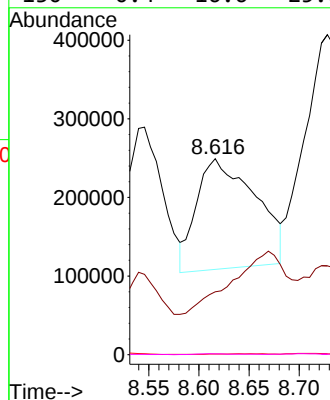
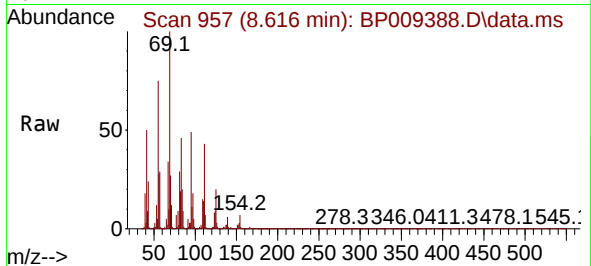


#19
n-Nitroso-di-n-propylamine
Concen: 29.321 ng
RT: 8.616 min Scan# 91
Delta R.T. -0.018 min
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Instrument :
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Tgt Ion: 70 Resp: 571093

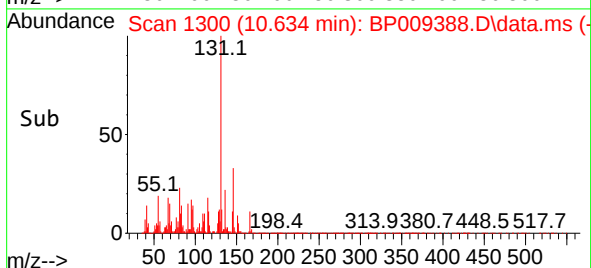
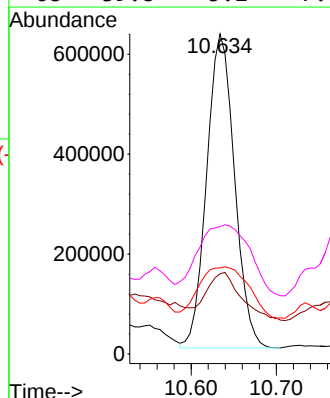
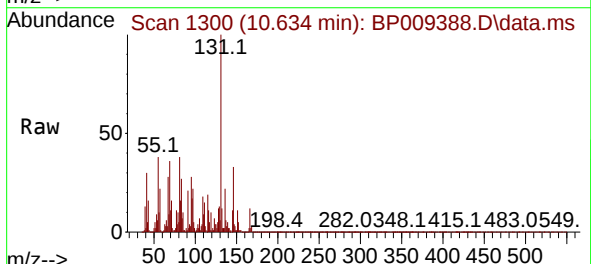
Ion	Ratio	Lower	Upper
70	100		
42	32.1	41.0	61.4#
101	0.4	7.9	11.9#
130	0.4	16.6	25.0#

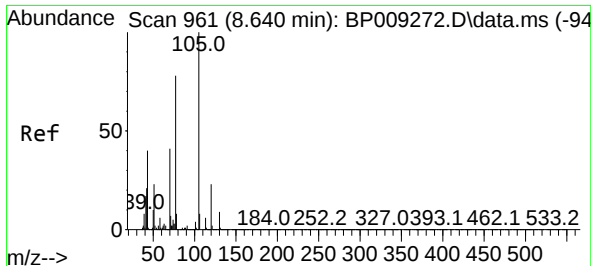


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.018 min
Lab File: BP009388.D
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Tgt Ion: 136 Resp: 1424245

Ion	Ratio	Lower	Upper
136	100		
137	25.0	8.6	12.8#
54	26.9	5.8	8.8#
68	39.8	5.2	7.8#

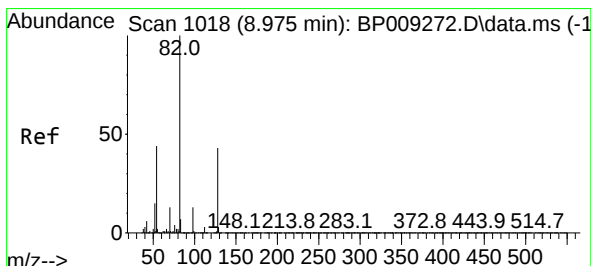
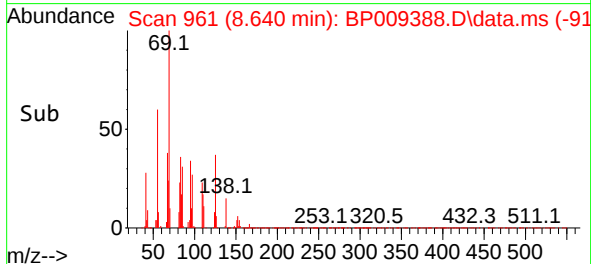
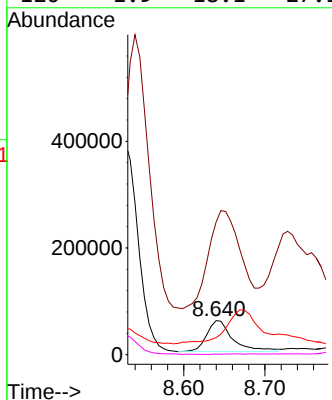
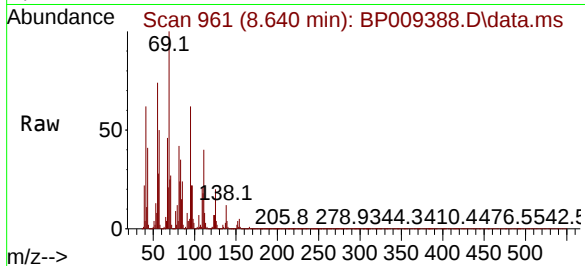




#22
Acetophenone
Concen: 3.423 ng
RT: 8.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP009388.D
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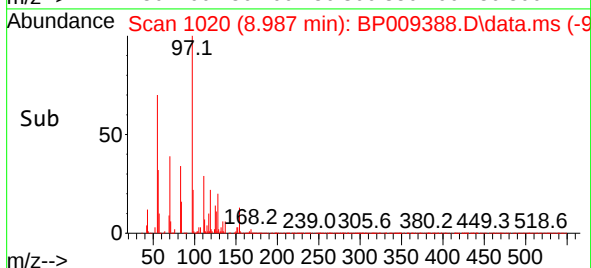
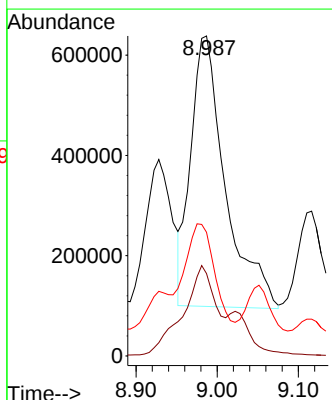
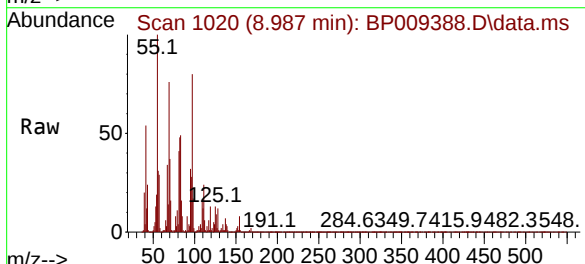
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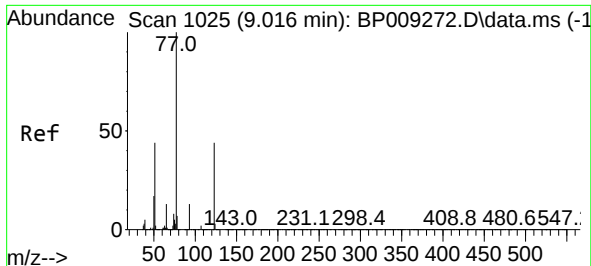
Tgt Ion:105 Resp: 130323
Ion Ratio Lower Upper
105 100
71 388.5 5.5 8.3#
51 50.0 18.9 28.3#
120 1.9 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 62.030 ng
RT: 8.987 min Scan# 1020
Delta R.T. 0.012 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion: 82 Resp: 1603989
Ion Ratio Lower Upper
82 100
128 25.7 34.2 51.4#
54 38.7 34.7 52.1

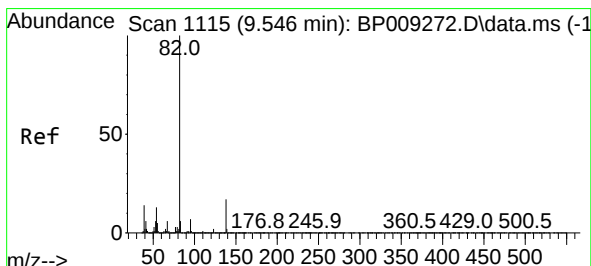
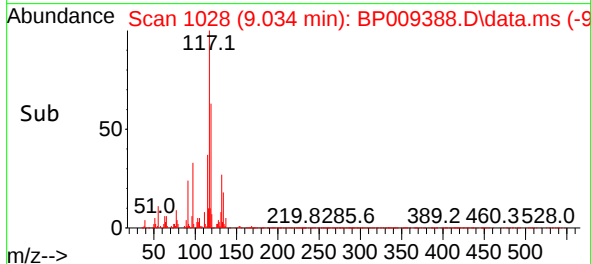
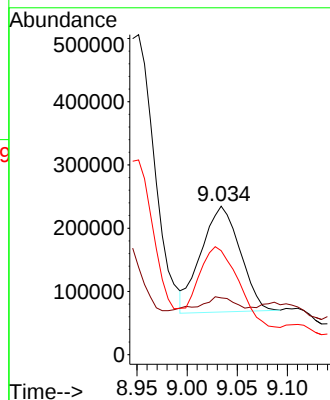
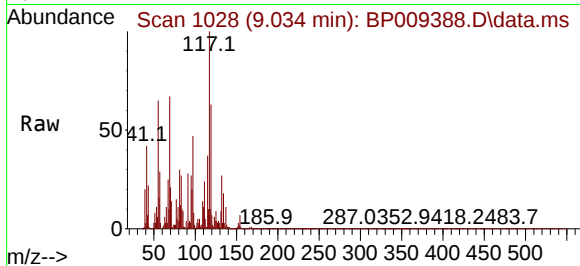




#24
Nitrobenzene
Concen: 16.491 ng
RT: 9.034 min Scan# 1025
Delta R.T. 0.018 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

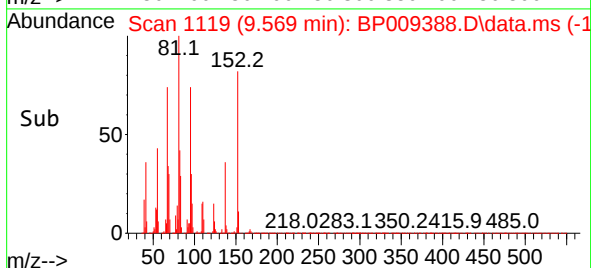
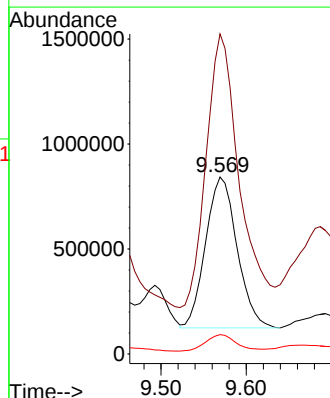
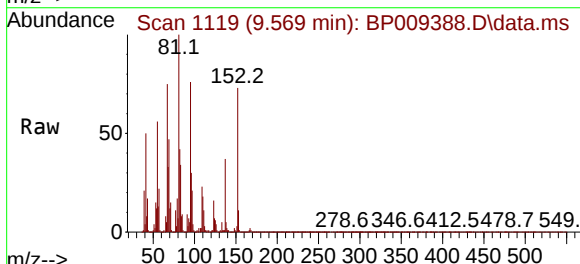
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

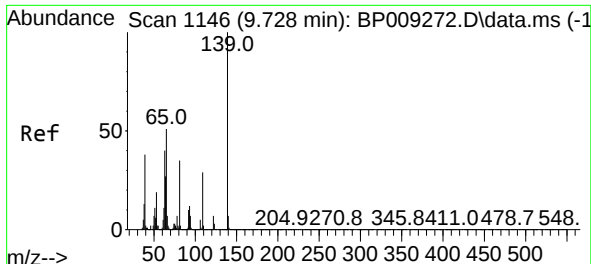
Tgt Ion: 77 Resp: 451927
Ion Ratio Lower Upper
77 100
123 38.2 35.5 53.3
65 70.1 10.3 15.5#



#25
Isophorone
Concen: 38.112 ng
RT: 9.569 min Scan# 1119
Delta R.T. 0.023 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion: 82 Resp: 1843411
Ion Ratio Lower Upper
82 100
95 180.7 5.5 8.3#
138 11.0 13.8 20.8#

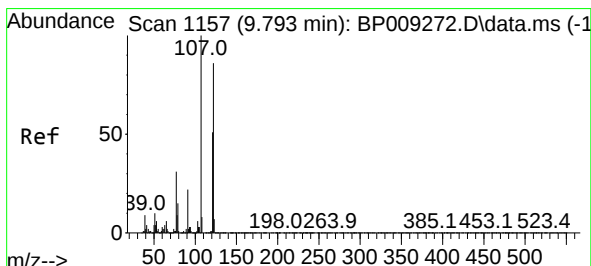
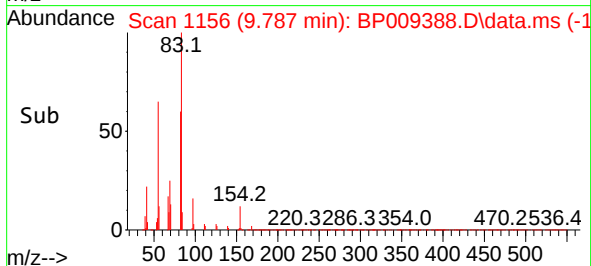
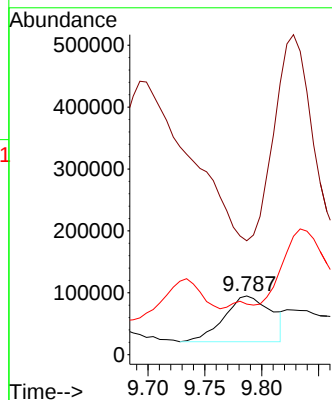
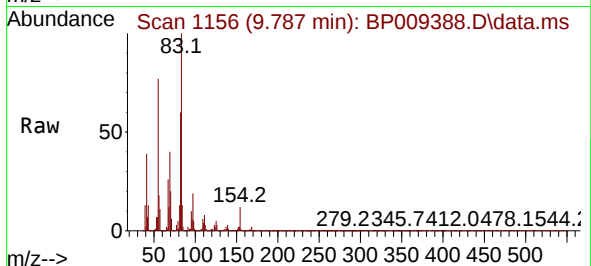




#26
2-Nitrophenol
Concen: 20.353 ng
RT: 9.787 min Scan# 1156
Delta R.T. 0.059 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

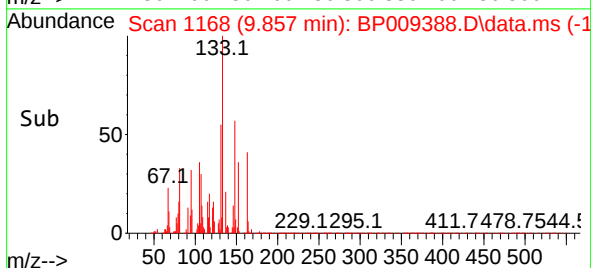
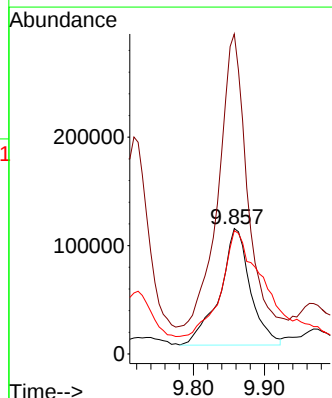
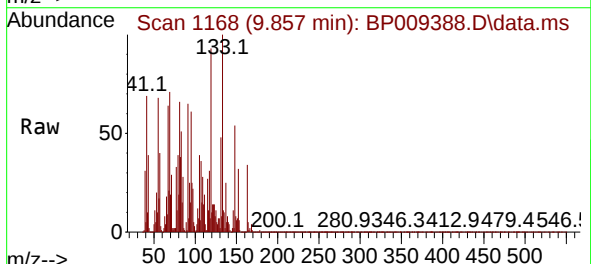
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

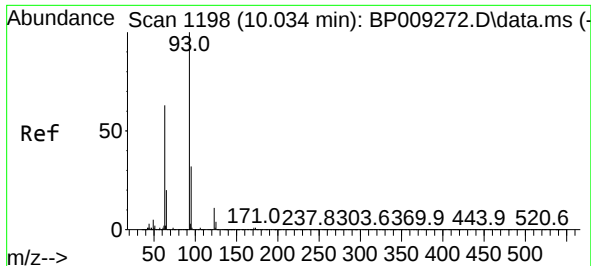
Tgt Ion:139 Resp: 216074
Ion Ratio Lower Upper
139 100
109 193.8 23.4 35.0#
65 86.1 41.0 61.6#



#27
2,4-Dimethylphenol
Concen: 13.827 ng
RT: 9.857 min Scan# 1168
Delta R.T. 0.065 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:122 Resp: 322862
Ion Ratio Lower Upper
122 100
107 255.0 92.6 138.8#
121 98.3 46.7 70.1#

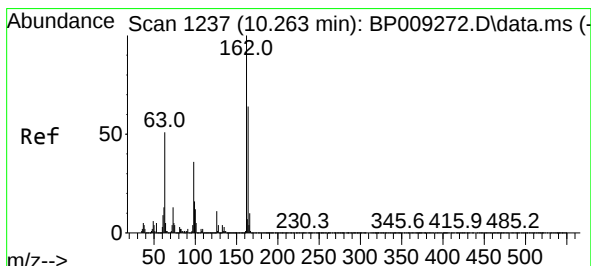
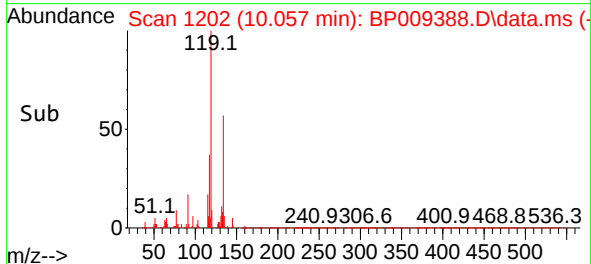
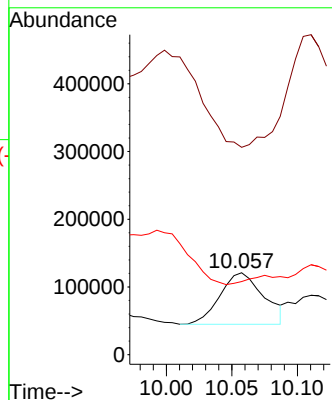
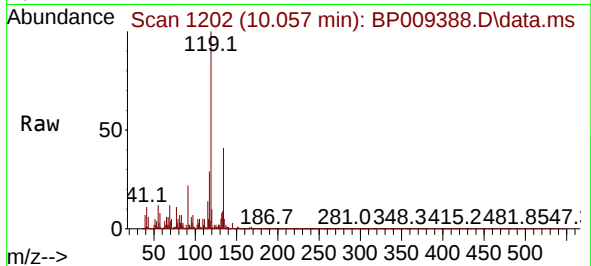




#28
bis(2-Chloroethoxy)methane
Concen: 5.581 ng
RT: 10.057 min Scan# 1198
Delta R.T. 0.023 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

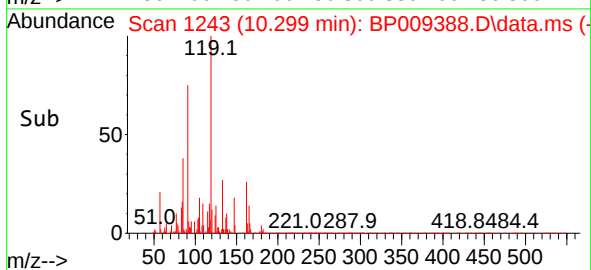
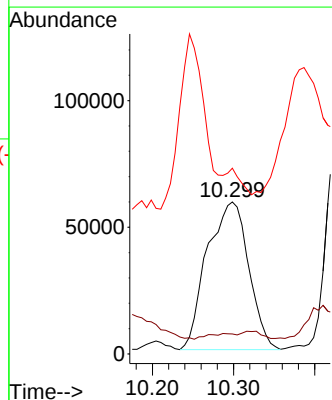
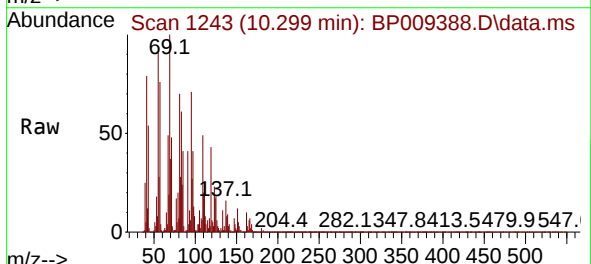
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

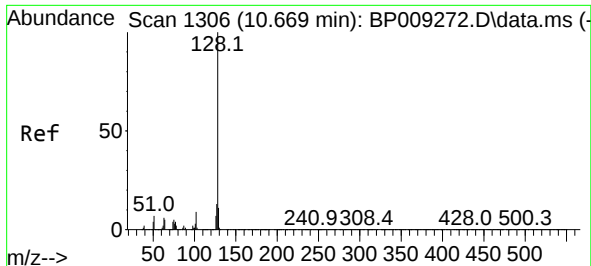
Tgt Ion: 93 Resp: 176662
Ion Ratio Lower Upper
93 100
95 252.9 25.5 38.3#
123 89.2 8.9 13.3#



#29
2,4-Dichlorophenol
Concen: 9.211 ng
RT: 10.299 min Scan# 1243
Delta R.T. 0.035 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:162 Resp: 207427
Ion Ratio Lower Upper
162 100
164 13.2 44.3 84.3#
98 122.1 15.6 55.6#

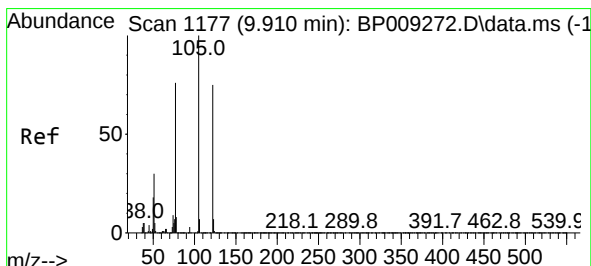
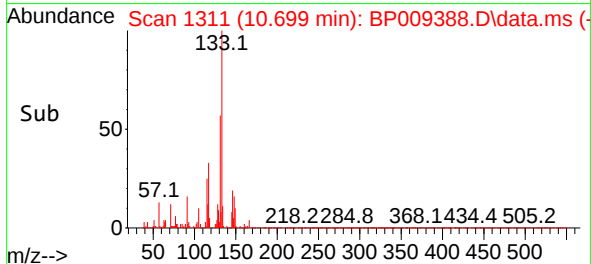
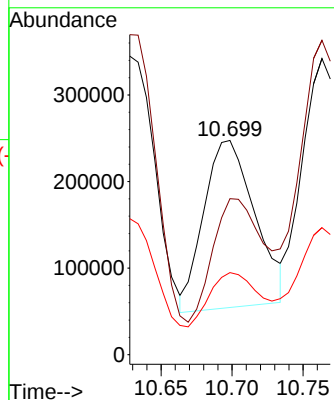
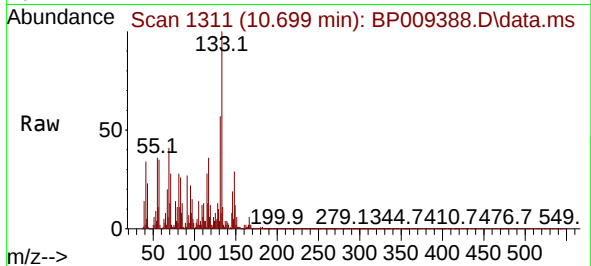




#31
Naphthalene
Concen: 6.136 ng
RT: 10.699 min Scan# 1187
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

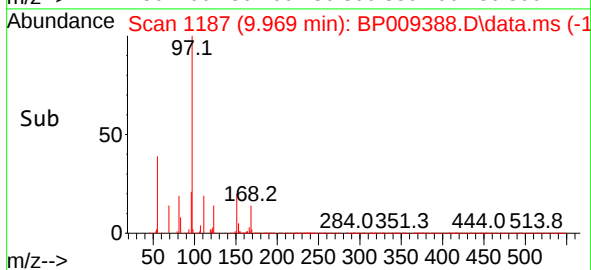
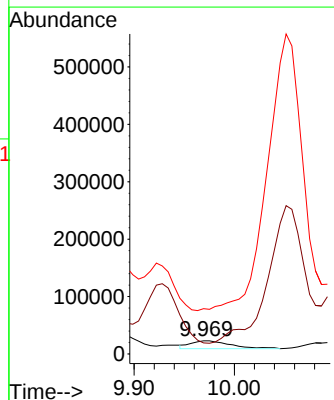
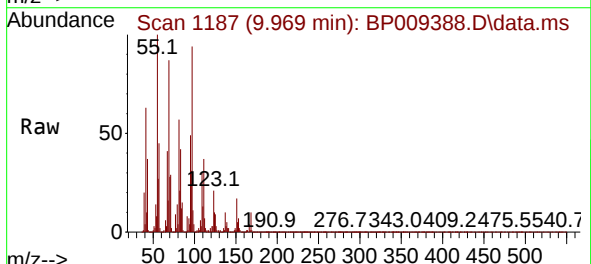
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

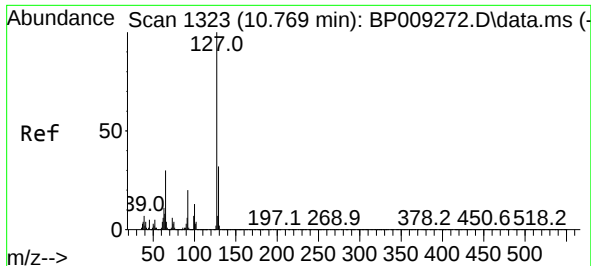
Tgt Ion:128 Resp: 483974
Ion Ratio Lower Upper
128 100
129 72.8 8.6 13.0#
127 38.3 10.5 15.7#



#32
Benzoic acid
Concen: 3.201 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.059 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:122 Resp: 37962
Ion Ratio Lower Upper
122 100
105 83.8 110.5 150.5#
77 343.5 79.9 119.9#



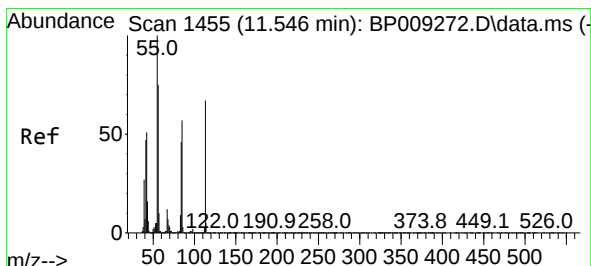
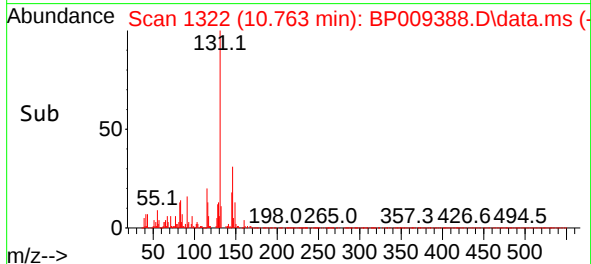
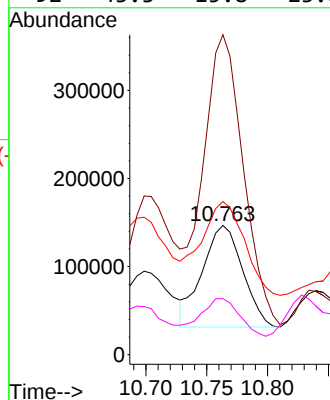
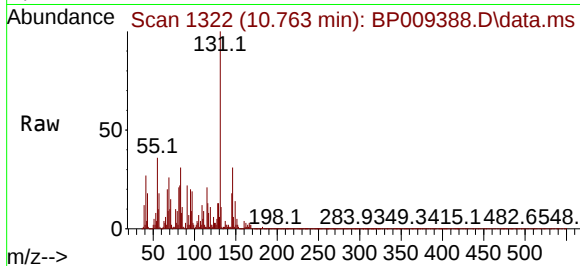


#33
4-Chloroaniline
Concen: 8.251 ng
RT: 10.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

Tgt Ion:127 Resp: 266083

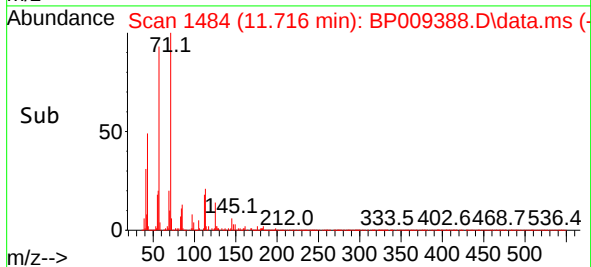
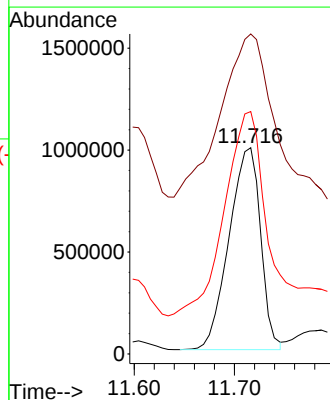
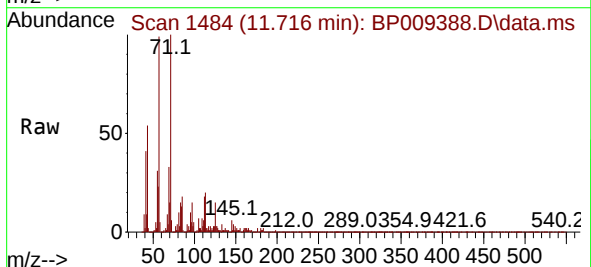
Ion	Ratio	Lower	Upper
127	100		
129	247.5	25.5	38.3#
65	118.4	24.3	36.5#
92	43.3	15.8	23.8#

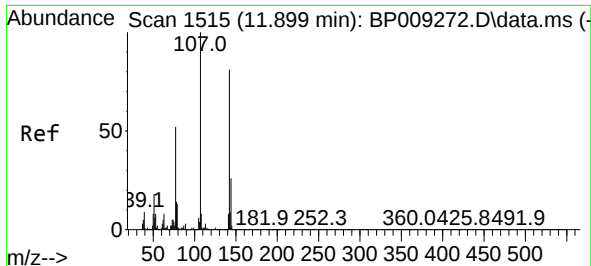


#35
Caprolactam
Concen: 326.325 ng
RT: 11.716 min Scan# 1484
Delta R.T. 0.171 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:113 Resp: 2163126

Ion	Ratio	Lower	Upper
113	100		
55	155.2	128.4	168.4
56	117.6	90.9	130.9

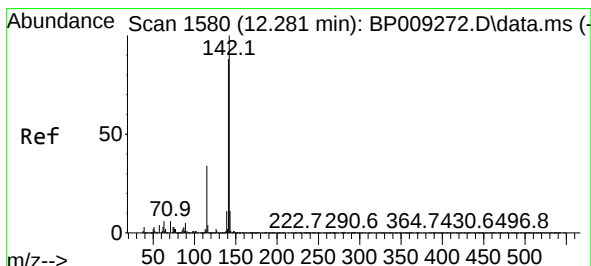
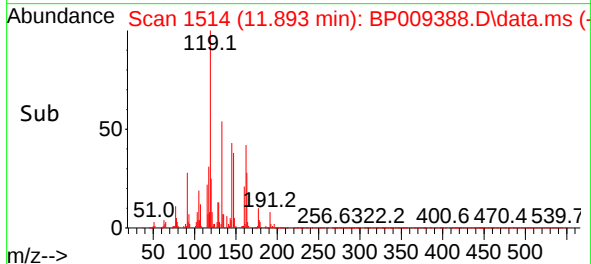
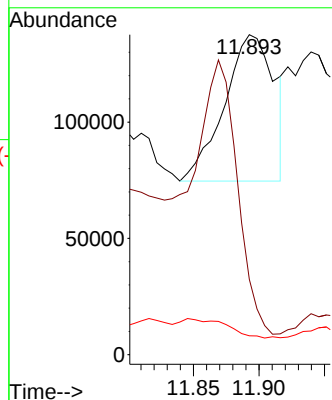
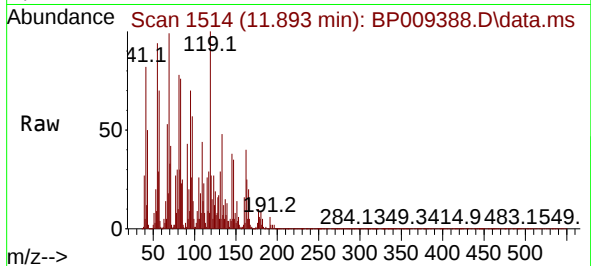




#36
4-Chloro-3-methylphenol
Concen: 7.089 ng
RT: 11.893 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

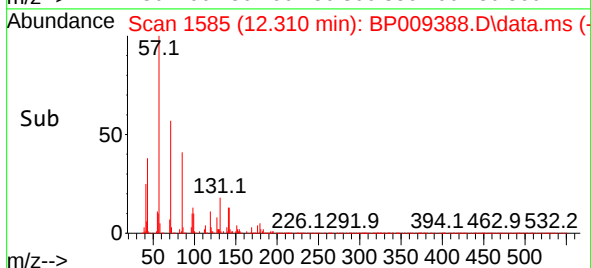
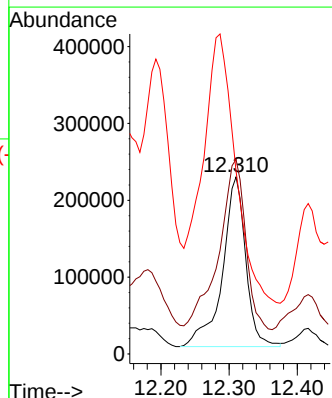
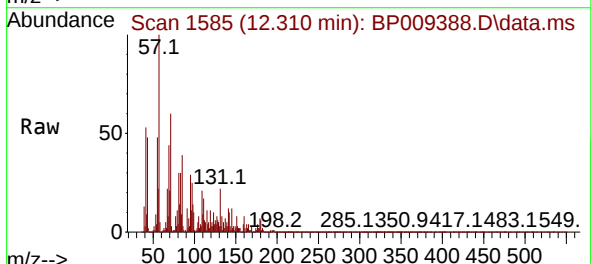
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

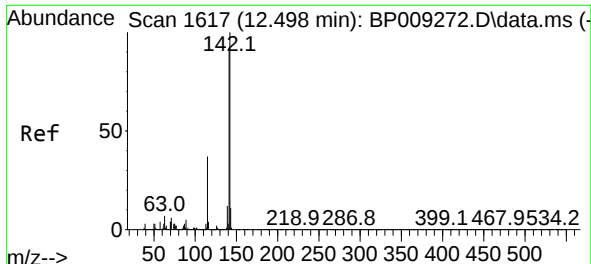
Tgt Ion:107 Resp: 166642
Ion Ratio Lower Upper
107 100
144 23.6 21.0 31.4
142 5.9 64.9 97.3#



#37
2-Methylnaphthalene
Concen: 9.369 ng
RT: 12.310 min Scan# 1585
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:142 Resp: 525054
Ion Ratio Lower Upper
142 100
141 109.9 70.2 105.4#
115 103.3 27.4 41.2#

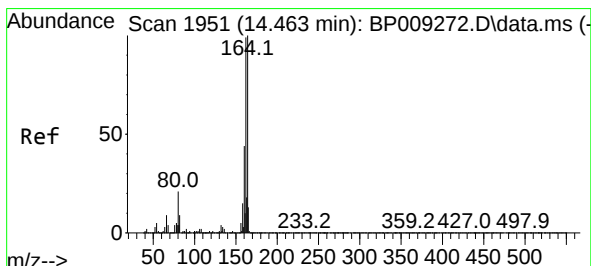
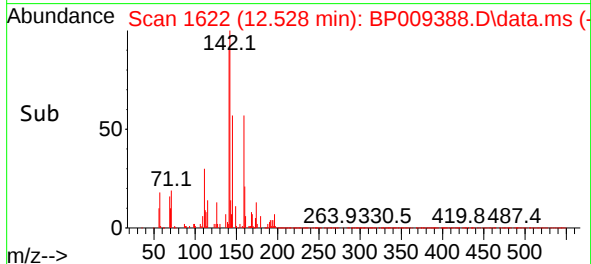
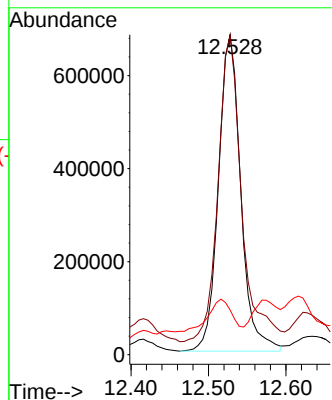
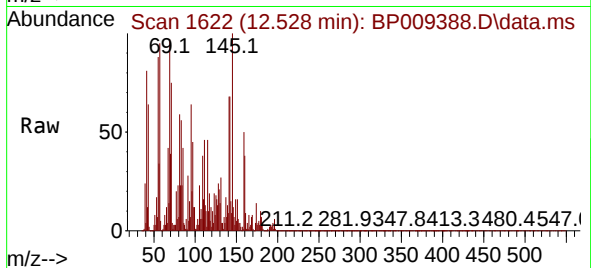




#38
1-Methylnaphthalene
Concen: 26.396 ng
RT: 12.528 min Scan# 1622
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

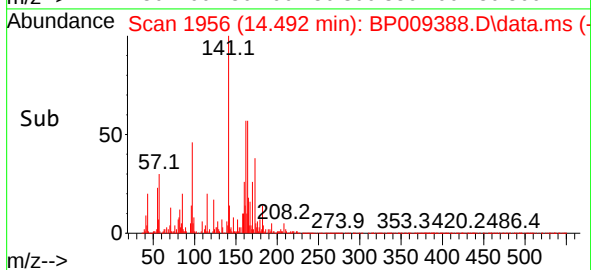
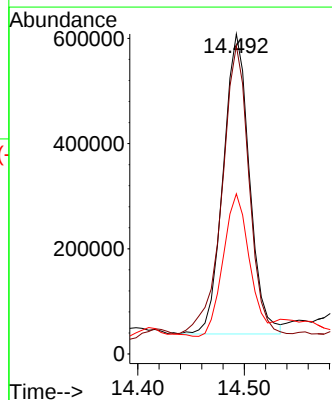
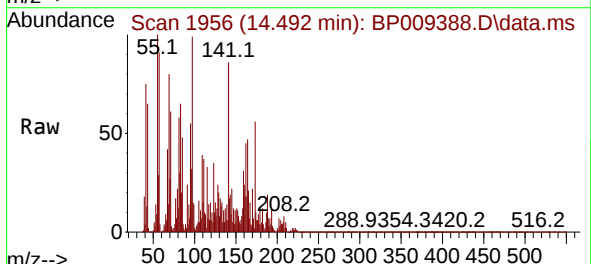
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

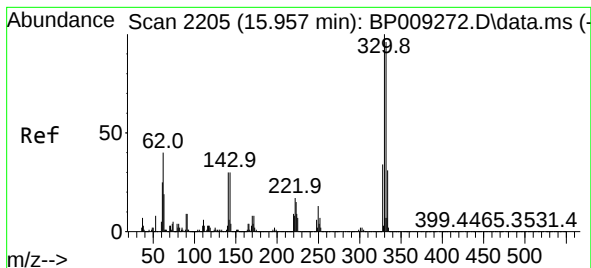
Tgt Ion:142 Resp: 1362317
Ion Ratio Lower Upper
142 100
141 99.7 73.5 110.3
116 14.0 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:164 Resp: 976084
Ion Ratio Lower Upper
164 100
162 96.3 79.1 118.7
160 50.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 70.196 ng

RT: 15.992 min Scan# 21

Delta R.T. 0.035 min

Lab File: BP009388.D

Acq: 14 Mar 2022 18:33

Instrument :

BNA_P

ClientSampleId :

WC-14A-1A-2

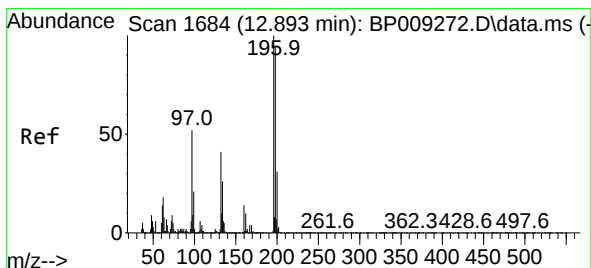
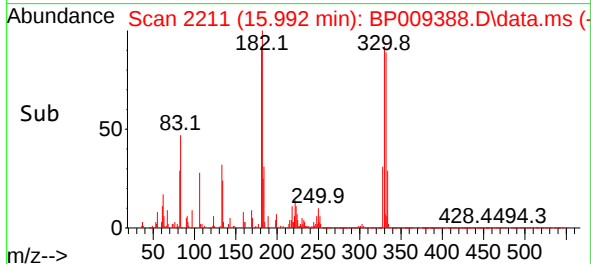
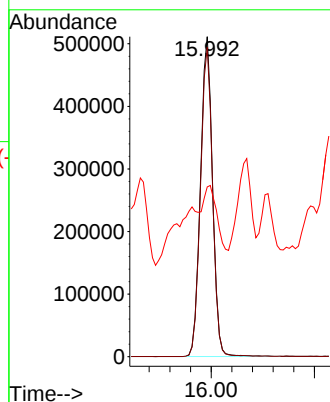
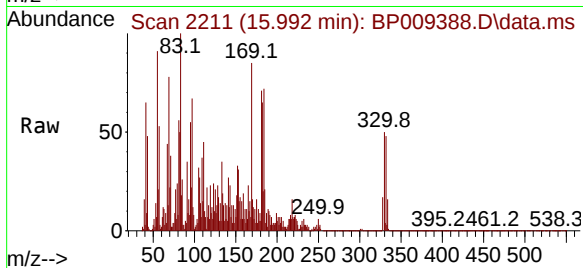
Tgt Ion:330 Resp: 827352

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 23.3 27.6 41.4#



#43

2,4,6-Trichlorophenol

Concen: 2.808 ng

RT: 12.916 min Scan# 1688

Delta R.T. 0.024 min

Lab File: BP009388.D

Acq: 14 Mar 2022 18:33

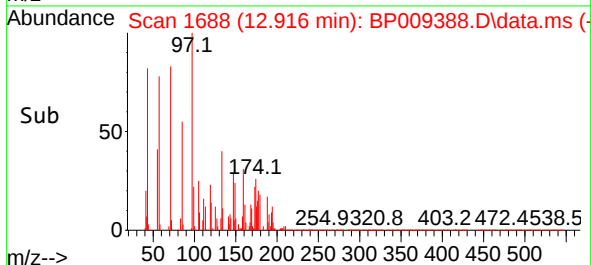
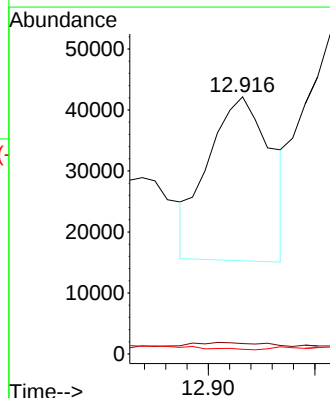
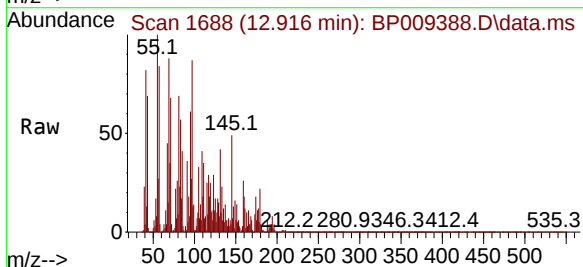
Tgt Ion:196 Resp: 55455

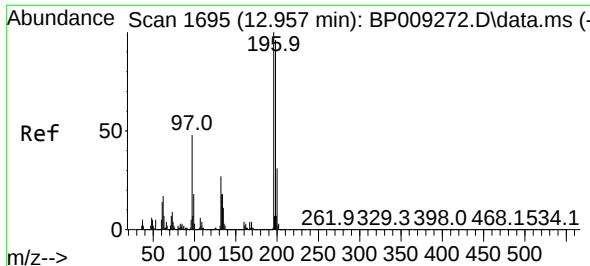
Ion Ratio Lower Upper

196 100

198 4.1 76.2 114.4#

200 1.8 24.4 36.6#

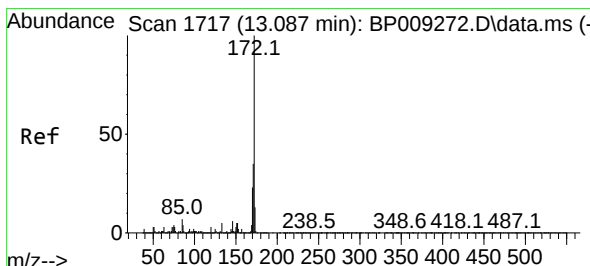
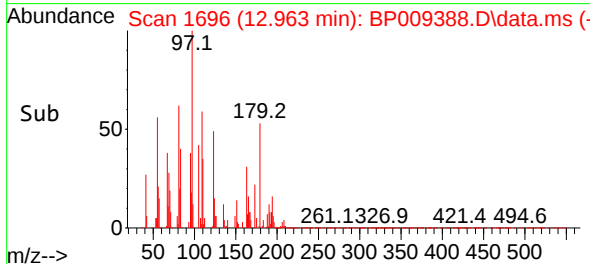
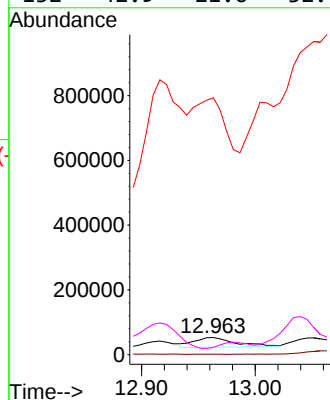
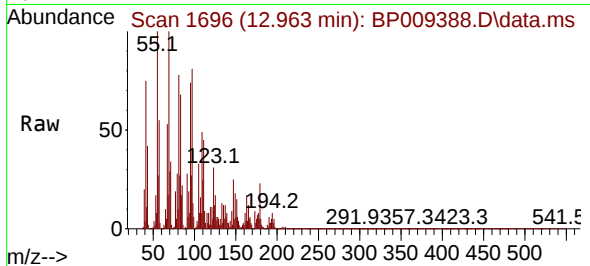




#44
2,4,5-Trichlorophenol
Concen: 3.540 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

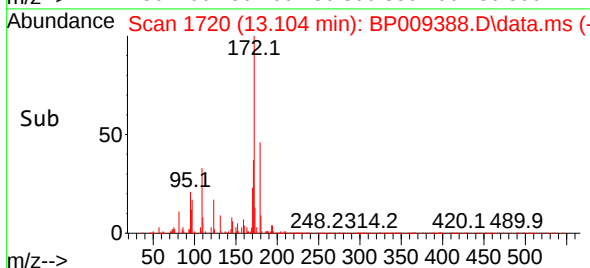
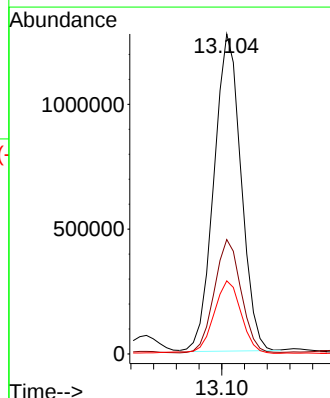
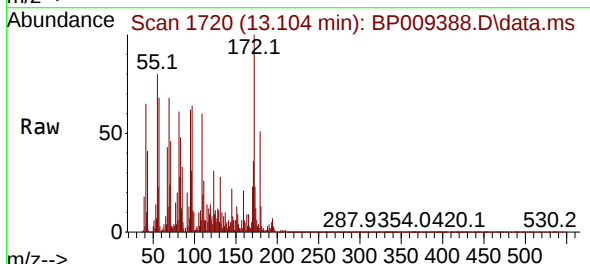
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

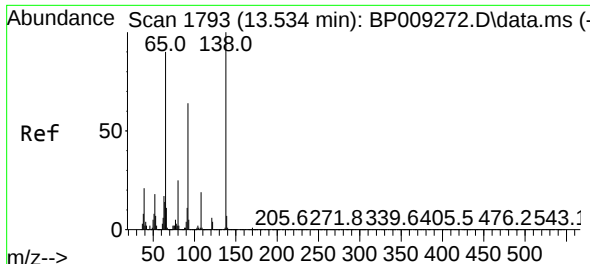
Tgt Ion:196 Resp: 76690
Ion Ratio Lower Upper
196 100
198 2.7 76.6 114.8#
97 1497.8 38.3 57.5#
132 42.9 21.6 32.4#



#45
2-Fluorobiphenyl
Concen: 29.702 ng
RT: 13.104 min Scan# 1720
Delta R.T. 0.017 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:172 Resp: 2108200
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 22.9 18.6 27.8

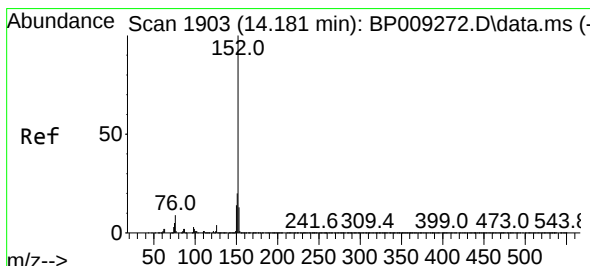
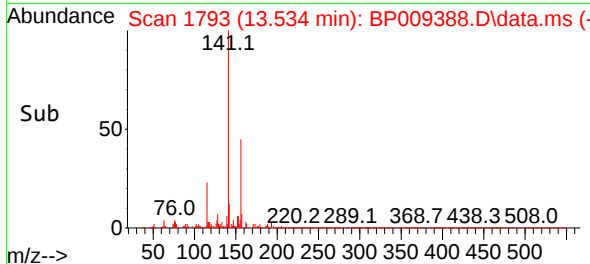
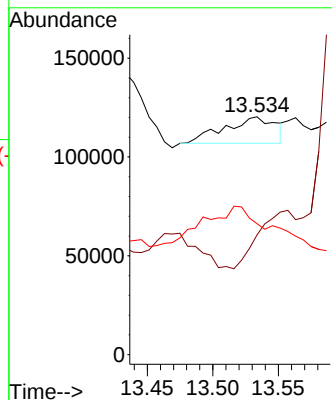
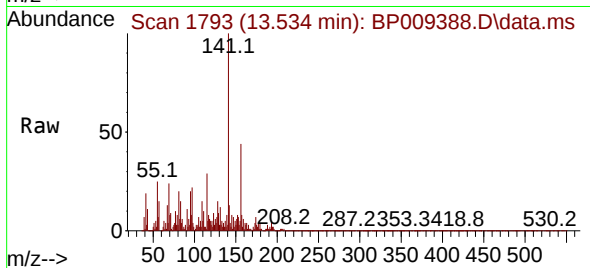




#48
2-Nitroaniline
Concen: 2.588 ng
RT: 13.534 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

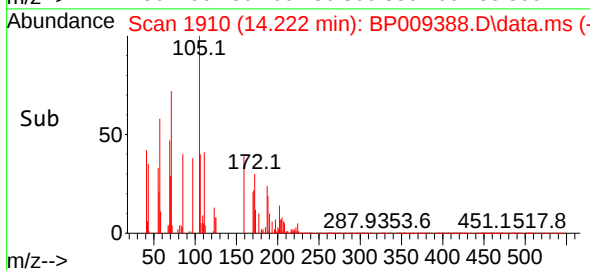
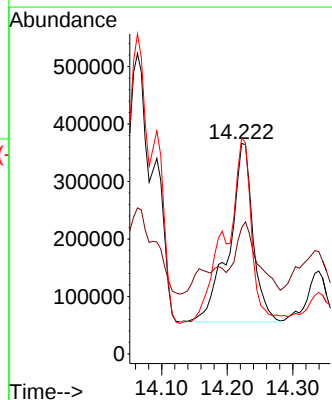
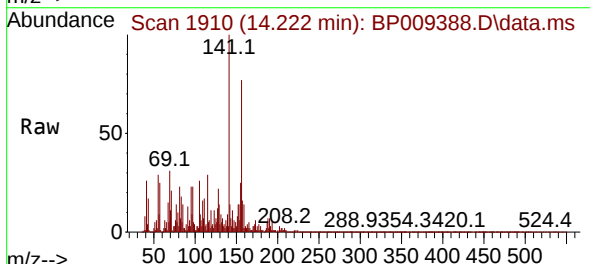
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

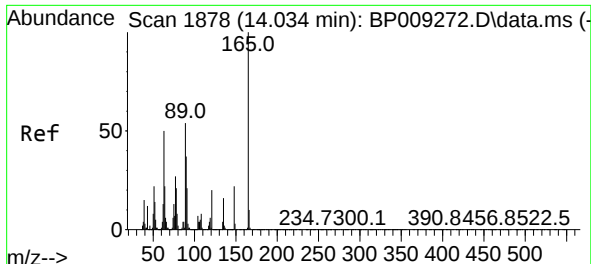
Tgt Ion: 65 Resp: 35925
Ion Ratio Lower Upper
65 100
92 50.3 56.9 85.3#
138 55.0 89.3 133.9#



#49
Acenaphthylene
Concen: 8.474 ng
RT: 14.222 min Scan# 1910
Delta R.T. 0.041 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion: 152 Resp: 790364
Ion Ratio Lower Upper
152 100
151 59.9 15.9 23.9#
153 102.7 10.7 16.1#

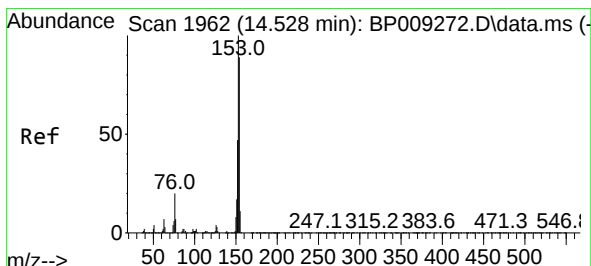
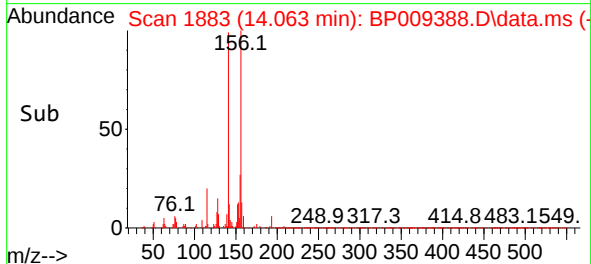
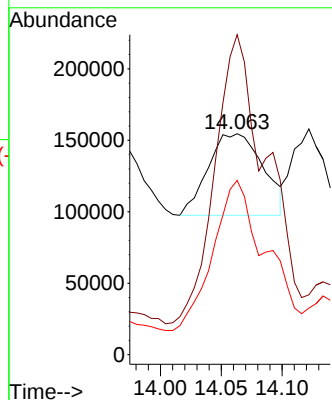
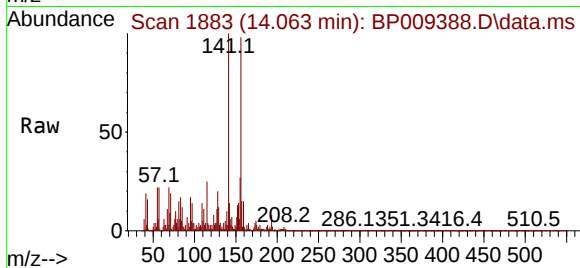




#51
2,6-Dinitrotoluene
Concen: 12.592 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

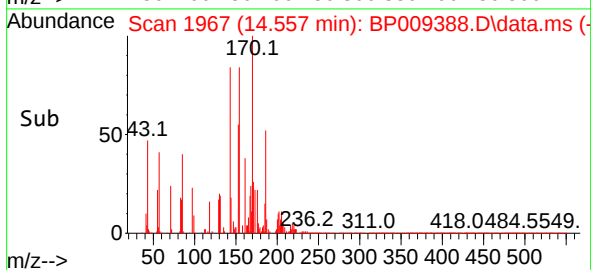
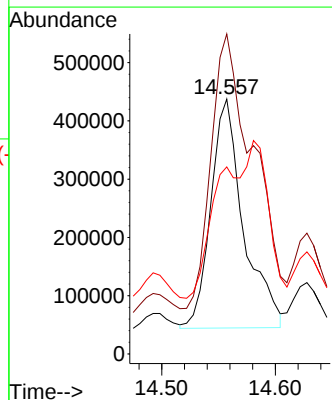
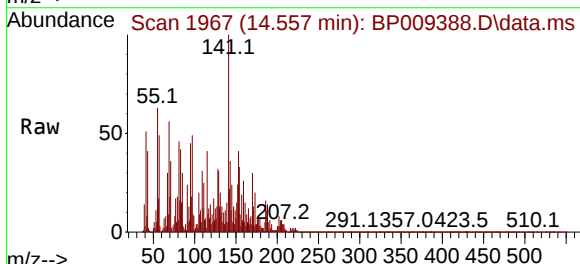
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

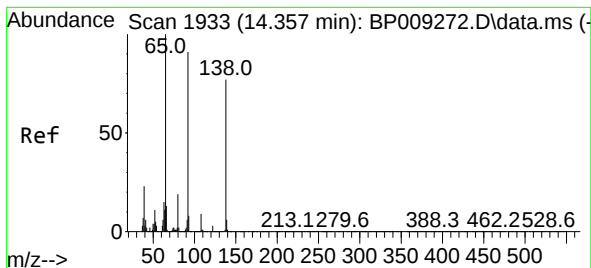
Tgt Ion:165 Resp: 179025
Ion Ratio Lower Upper
165 100
63 144.8 40.9 61.3#
89 78.9 43.4 65.2#



#52
Acenaphthene
Concen: 13.149 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:154 Resp: 786004
Ion Ratio Lower Upper
154 100
153 125.5 90.2 135.4
152 73.4 42.7 64.1#





#53

3-Nitroaniline

Concen: 7.952 ng

RT: 14.416 min Scan# 1933

Delta R.T. 0.059 min

Lab File: BP009388.D

Acq: 14 Mar 2022 18:33

Instrument :

BNA_P

ClientSampleId :

WC-14A-1A-2

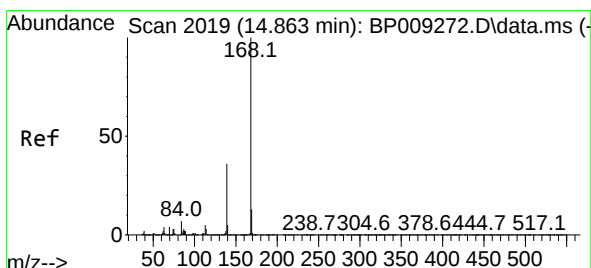
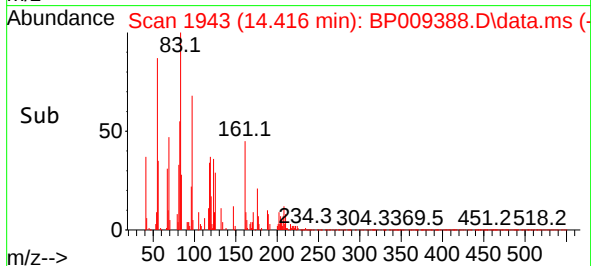
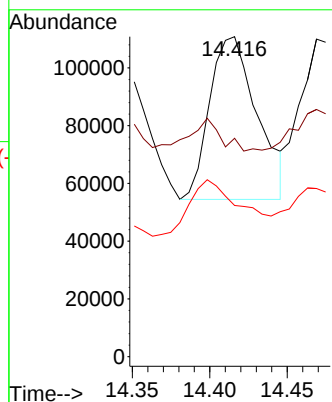
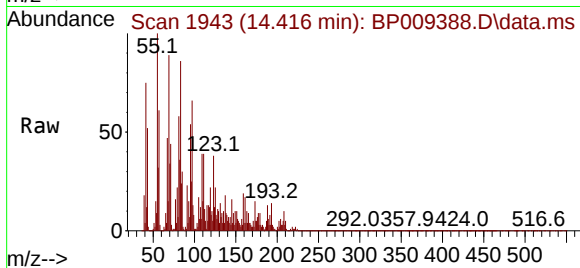
Tgt Ion:138 Resp: 120094

Ion Ratio Lower Upper

138 100

108 68.3 9.7 14.5#

92 47.2 94.4 141.6#



#55

Dibenzofuran

Concen: 13.721 ng

RT: 14.892 min Scan# 2024

Delta R.T. 0.029 min

Lab File: BP009388.D

Acq: 14 Mar 2022 18:33

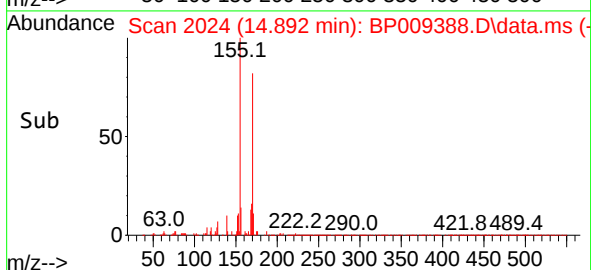
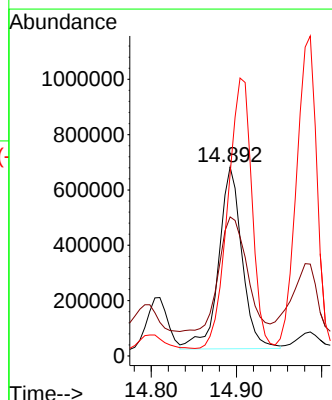
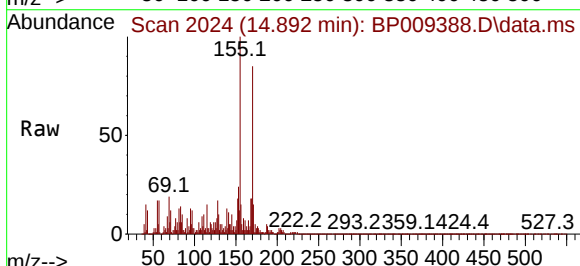
Tgt Ion:168 Resp: 1242375

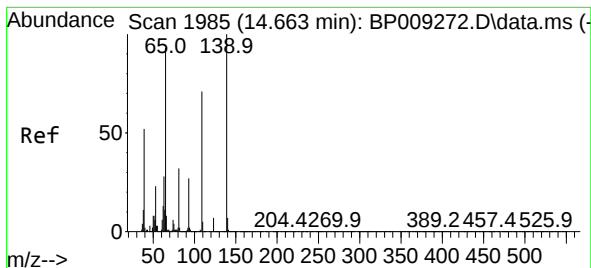
Ion Ratio Lower Upper

168 100

139 73.6 29.1 43.7#

169 96.4 10.6 16.0#

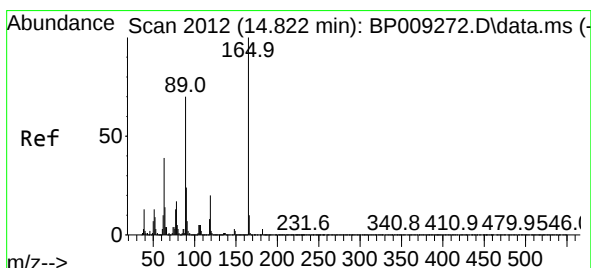
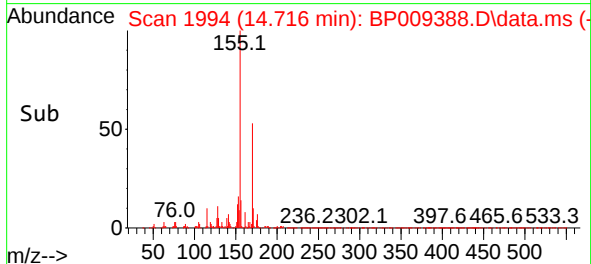
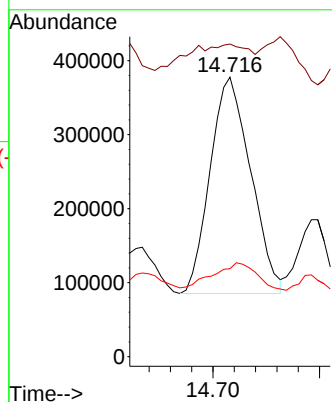
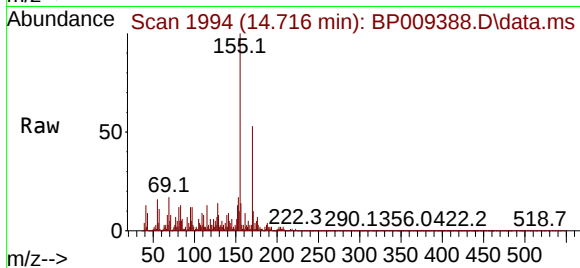




#56
4-Nitrophenol
Concen: 61.583 ng
RT: 14.716 min Scan# 1985
Delta R.T. 0.053 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

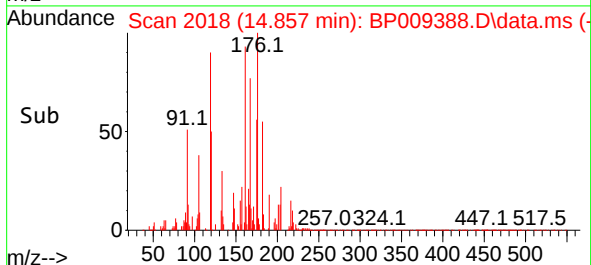
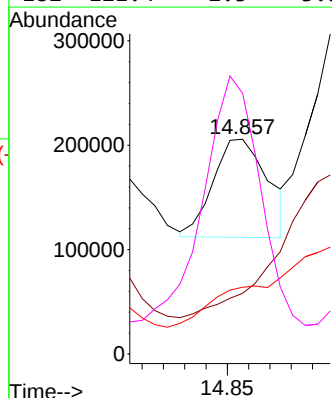
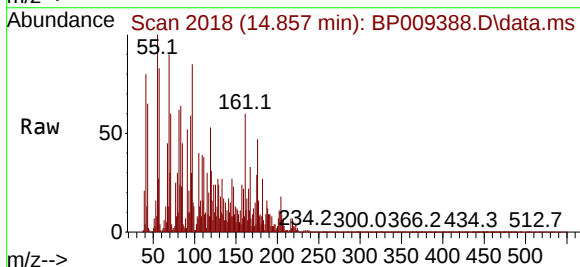
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

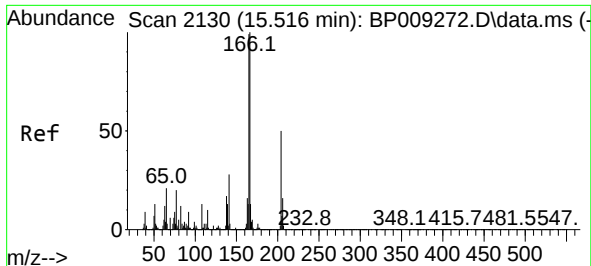
Tgt Ion:139 Resp: 773430
Ion Ratio Lower Upper
139 100
109 111.9 51.2 91.2#
65 31.5 73.2 113.2#



#57
2,4-Dinitrotoluene
Concen: 9.196 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.035 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:165 Resp: 167401
Ion Ratio Lower Upper
165 100
63 28.2 31.4 47.2#
89 31.1 55.9 83.9#
182 121.4 2.3 3.5#

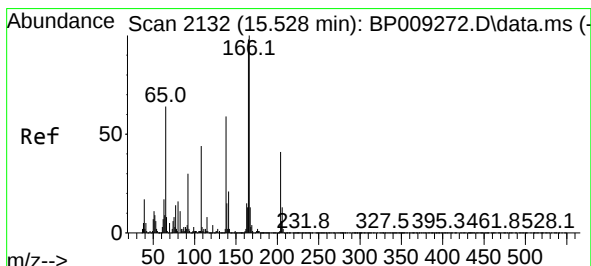
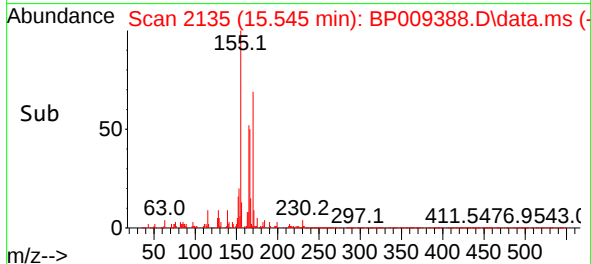
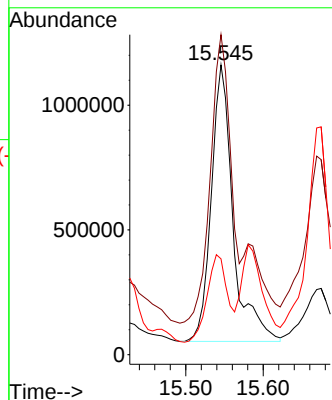
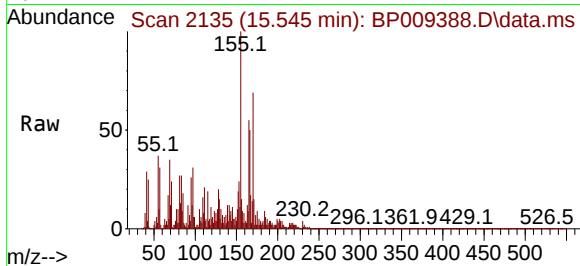




#58
Fluorene
Concen: 30.535 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

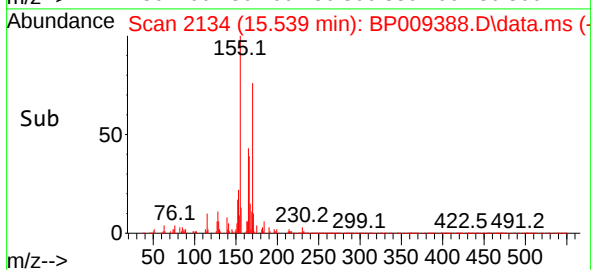
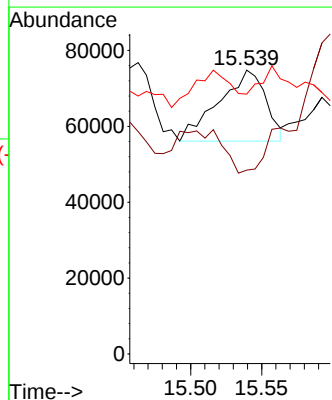
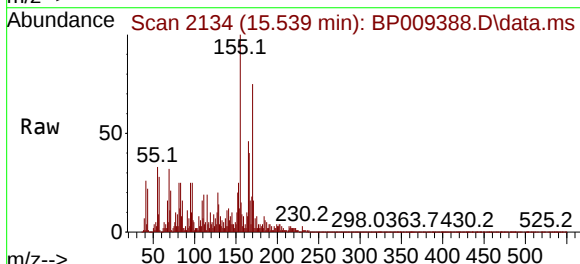
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

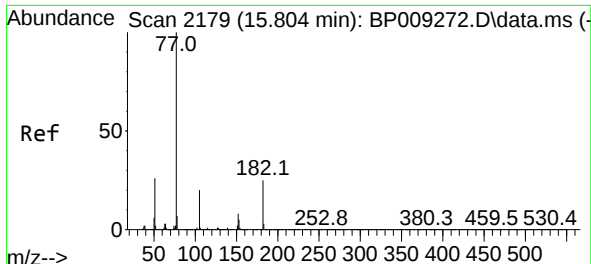
Tgt Ion:166 Resp: 2165196
Ion Ratio Lower Upper
166 100
165 110.4 79.2 118.8
167 33.1 10.7 16.1#



#62
4-Nitroaniline
Concen: 2.952 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:138 Resp: 43225
Ion Ratio Lower Upper
138 100
92 64.8 31.2 71.2
108 91.5 54.3 94.3

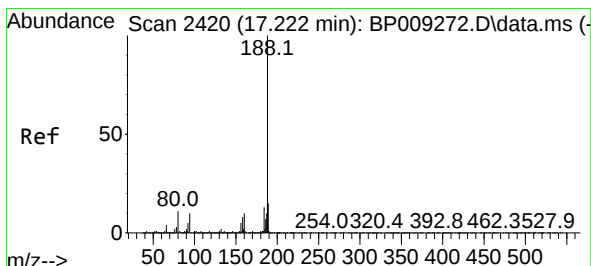
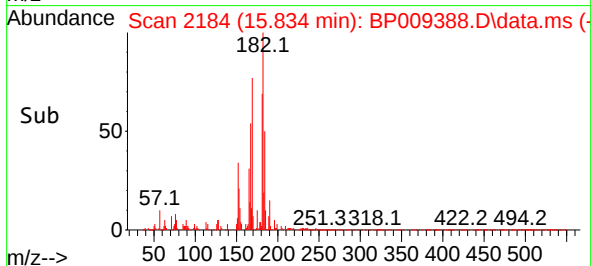
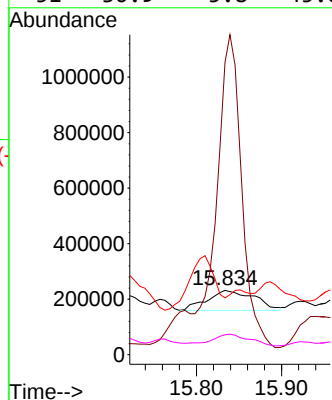
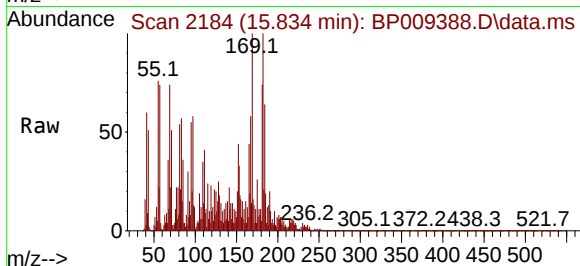




#63
Azobenzene
Concen: 4.022 ng
RT: 15.834 min Scan# 2179
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

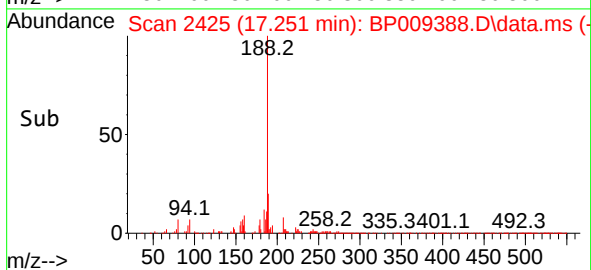
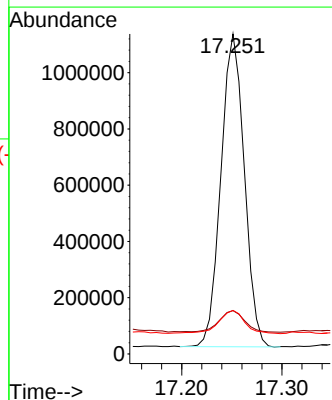
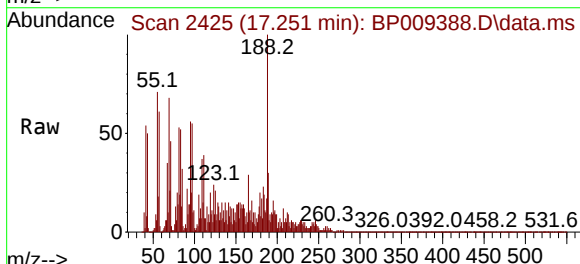
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

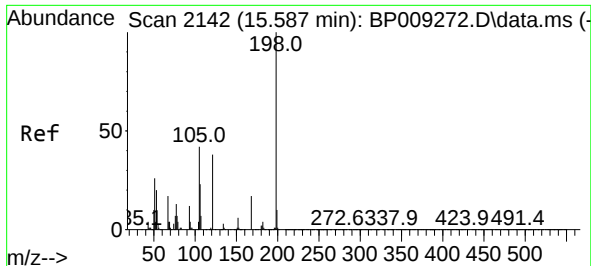
Tgt Ion: 77 Resp: 276984
Ion Ratio Lower Upper
77 100
182 453.8 5.4 45.4#
105 88.2 0.3 40.3#
51 30.9 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion: 188 Resp: 1798545
Ion Ratio Lower Upper
188 100
94 13.6 7.9 11.9#
80 13.6 8.8 13.2#

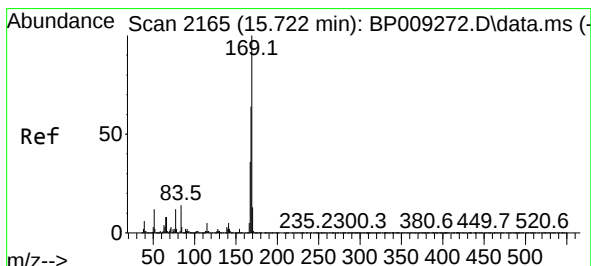
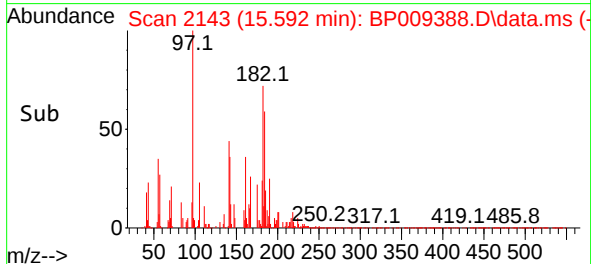
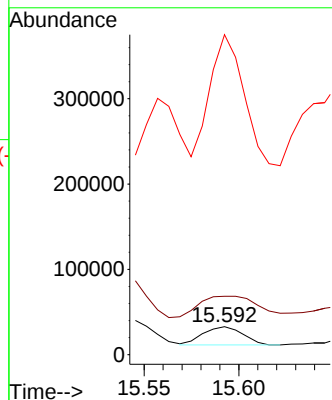
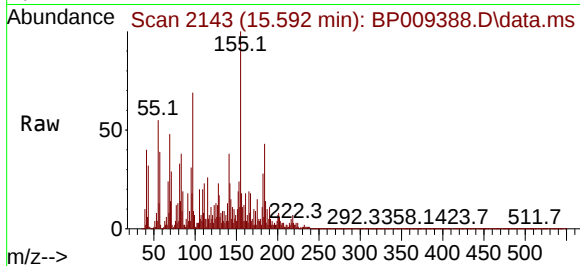




#65
4,6-Dinitro-2-methylphenol
Concen: 3.963 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

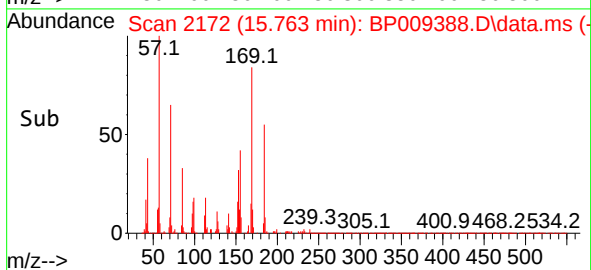
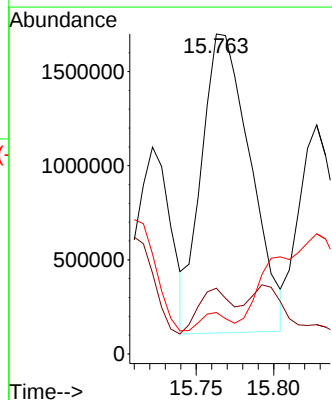
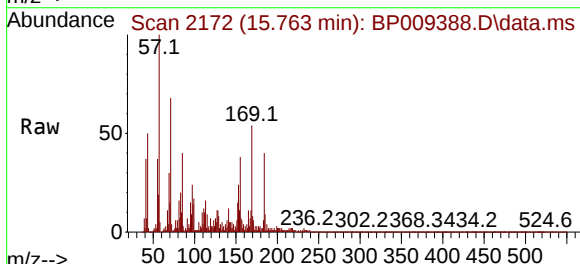
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

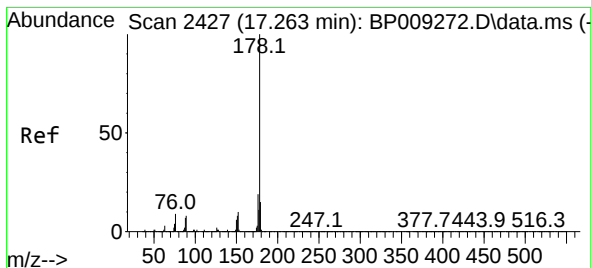
Tgt Ion:198 Resp: 31352
Ion Ratio Lower Upper
198 100
51 208.9 17.7 57.7#
105 1143.1 23.2 63.2#



#66
n-Nitrosodiphenylamine
Concen: 61.862 ng
RT: 15.763 min Scan# 2172
Delta R.T. 0.041 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:169 Resp: 3492551
Ion Ratio Lower Upper
169 100
168 20.5 51.6 77.4#
167 13.0 29.0 43.4#





#71

Phenanthrene

Concen: 52.310 ng

RT: 17.292 min Scan# 2432

Delta R.T. 0.029 min

Lab File: BP009388.D

Acq: 14 Mar 2022 18:33

Instrument :

BNA_P

ClientSampleId :

WC-14A-1A-2

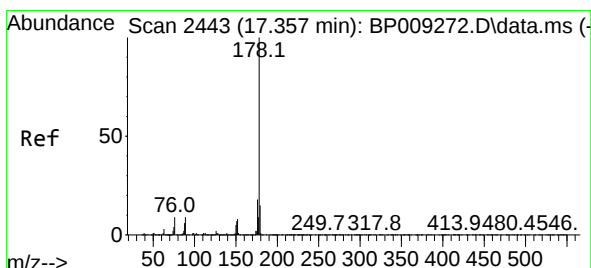
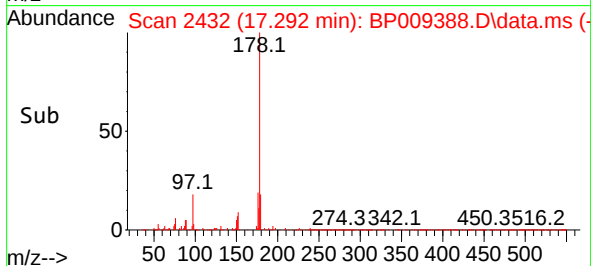
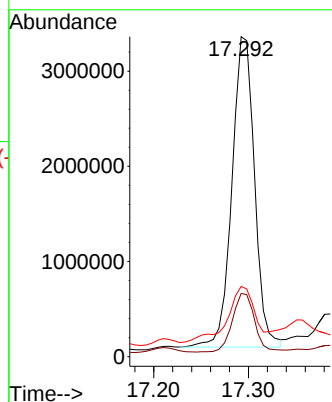
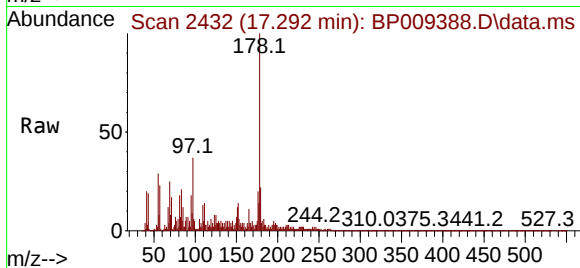
Tgt Ion:178 Resp: 5406973

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 22.0 12.3 18.5#



#72

Anthracene

Concen: 6.518 ng

RT: 17.386 min Scan# 2448

Delta R.T. 0.029 min

Lab File: BP009388.D

Acq: 14 Mar 2022 18:33

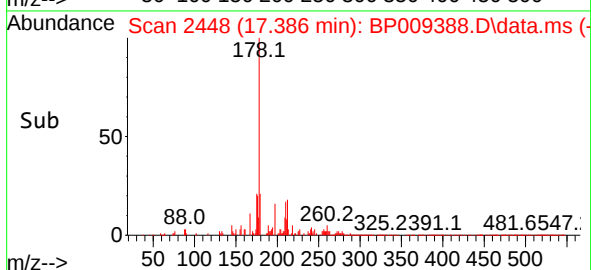
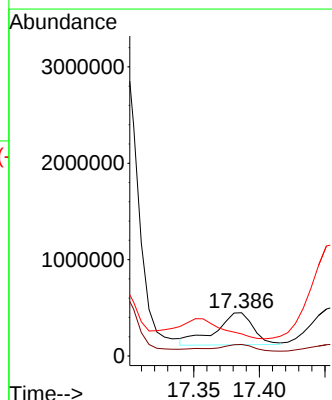
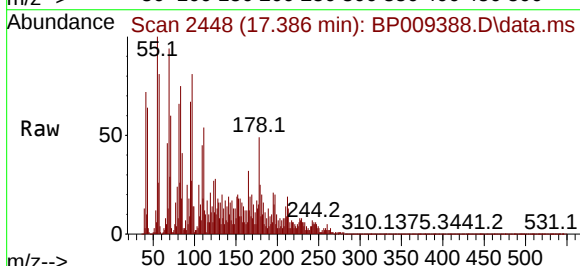
Tgt Ion:178 Resp: 670640

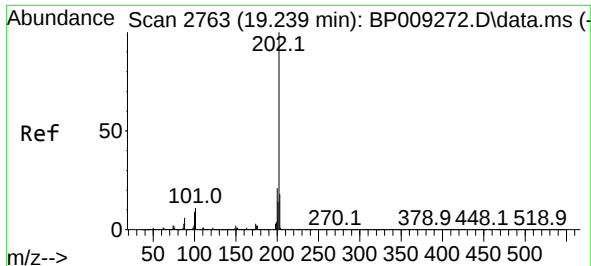
Ion Ratio Lower Upper

178 100

176 26.6 14.8 22.2#

179 50.9 12.2 18.4#

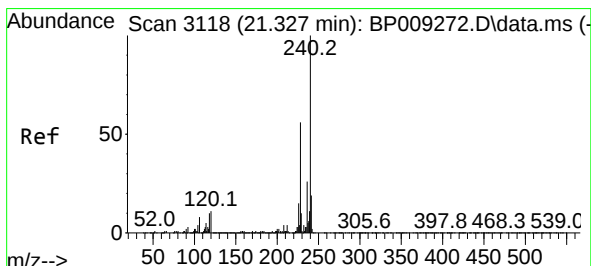
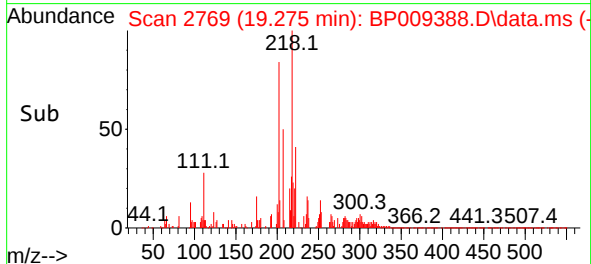
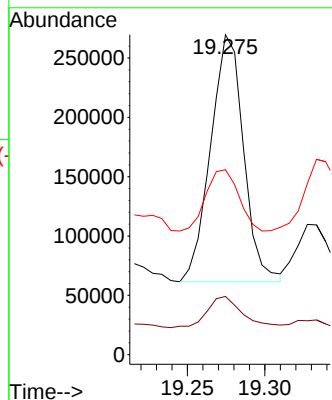
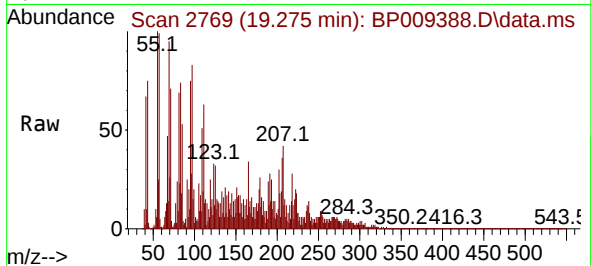




#75
Fluoranthene
Concen: 2.584 ng
RT: 19.275 min Scan# 21
Delta R.T. 0.035 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

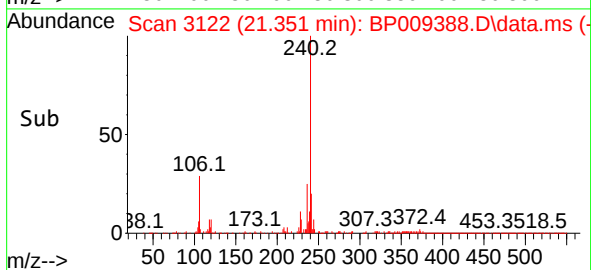
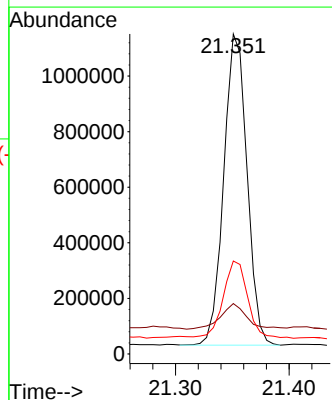
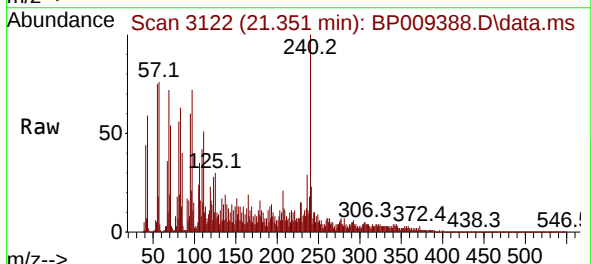
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

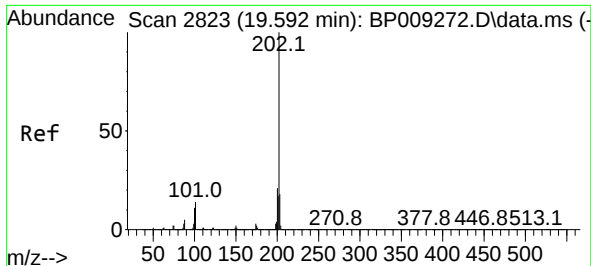
Tgt Ion:202 Resp: 308228
Ion Ratio Lower Upper
202 100
101 18.2 0.0 31.5
203 57.8 0.0 37.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. 0.023 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:240 Resp: 1594169
Ion Ratio Lower Upper
240 100
120 15.8 9.0 13.4#
236 29.1 20.6 30.8

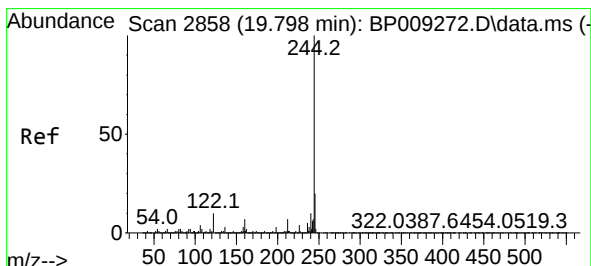
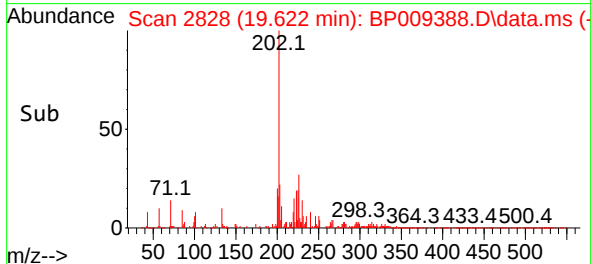
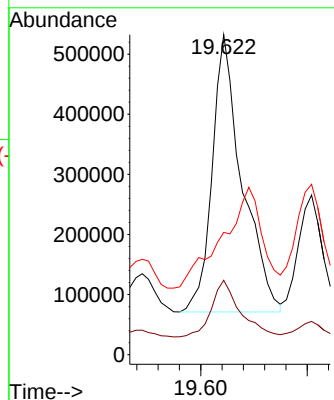
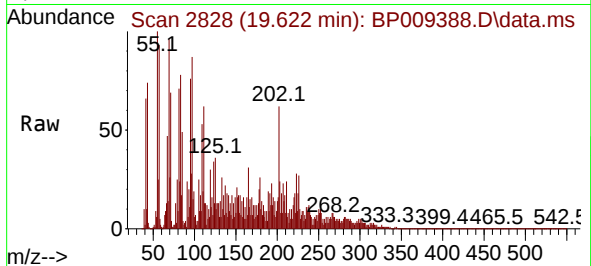




#78
 Pyrene
 Concen: 8.373 ng
 RT: 19.622 min Scan# 2828
 Delta R.T. 0.029 min
 Lab File: BP009388.D
 Acq: 14 Mar 2022 18:33

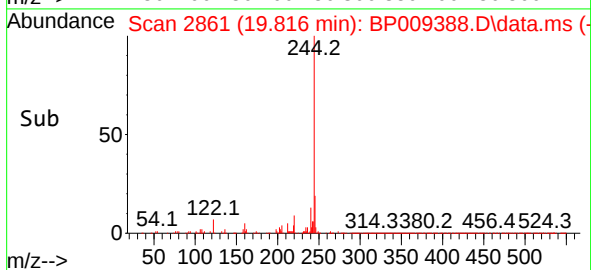
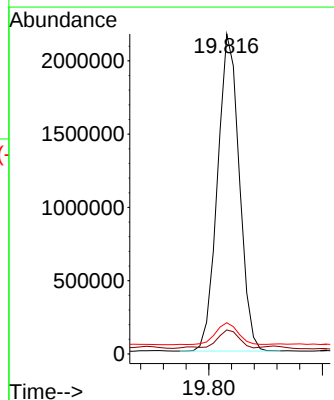
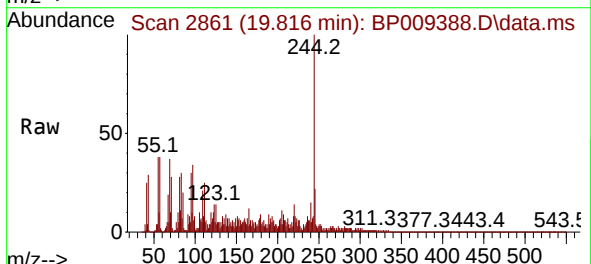
Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

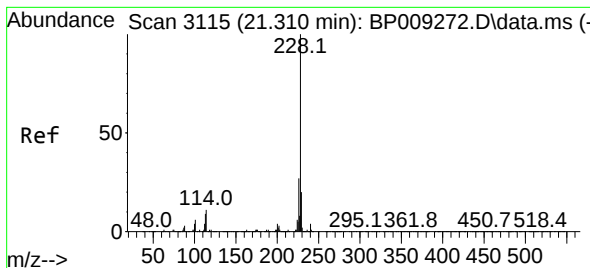
Tgt Ion:202 Resp: 901230
 Ion Ratio Lower Upper
 202 100
 200 23.3 16.8 25.2
 203 38.2 14.2 21.4#



#79
 Terphenyl-d14
 Concen: 34.079 ng
 RT: 19.816 min Scan# 2861
 Delta R.T. 0.018 min
 Lab File: BP009388.D
 Acq: 14 Mar 2022 18:33

Tgt Ion:244 Resp: 2878856
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.8 8.3 12.5





#81

Benzo(a)anthracene

Concen: 3.037 ng

RT: 21.339 min Scan# 3115

Delta R.T. 0.029 min

Lab File: BP009388.D

Acq: 14 Mar 2022 18:33

Instrument :

BNA_P

ClientSampleId :

WC-14A-1A-2

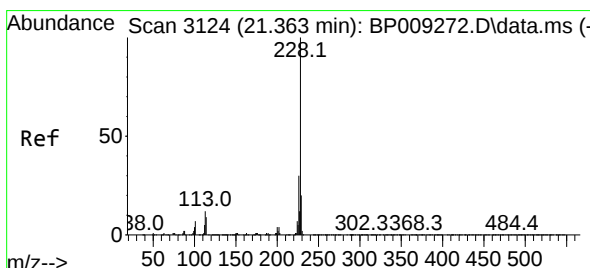
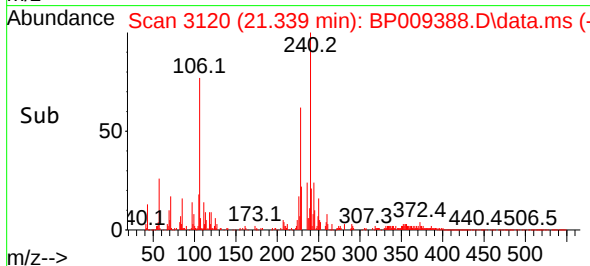
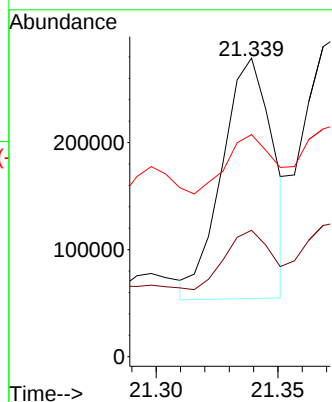
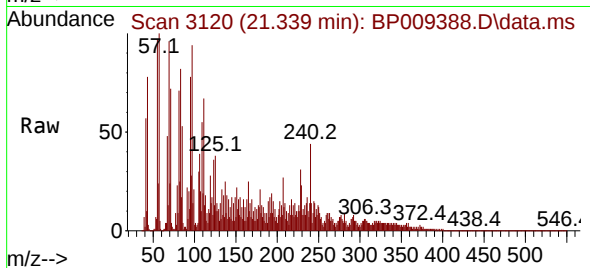
Tgt Ion:228 Resp: 328190

Ion Ratio Lower Upper

228 100

226 42.3 22.0 33.0#

229 74.4 16.1 24.1#



#83

Chrysene

Concen: 7.161 ng

RT: 21.386 min Scan# 3128

Delta R.T. 0.023 min

Lab File: BP009388.D

Acq: 14 Mar 2022 18:33

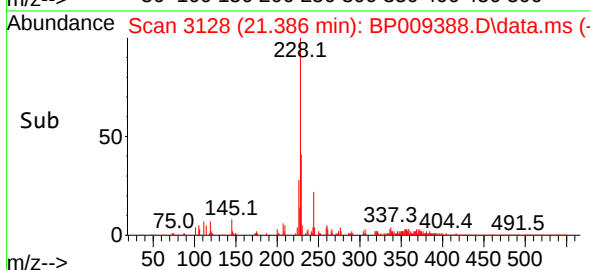
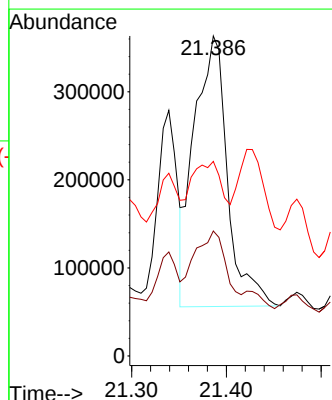
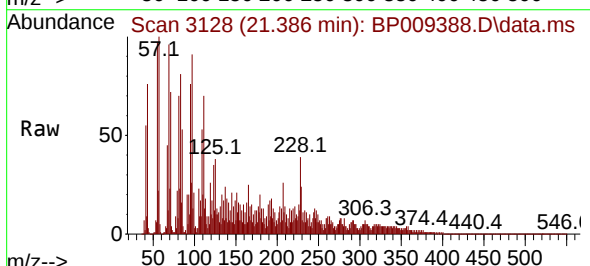
Tgt Ion:228 Resp: 751285

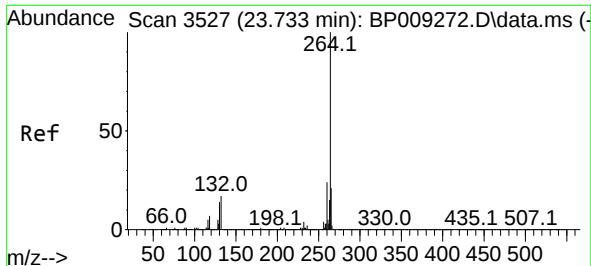
Ion Ratio Lower Upper

228 100

226 39.0 24.2 36.2#

229 60.8 16.1 24.1#

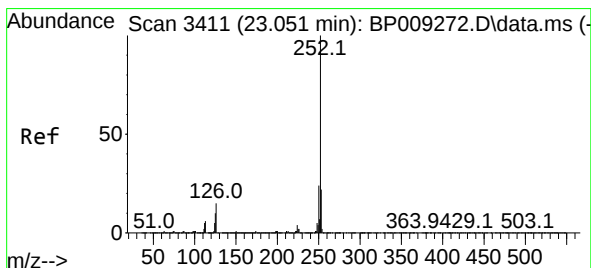
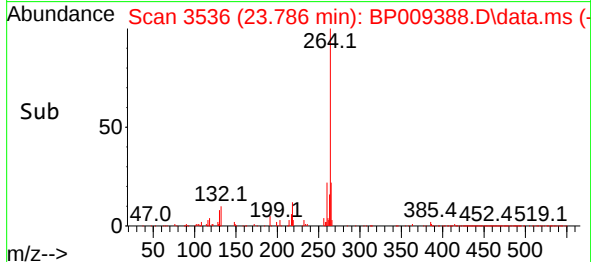
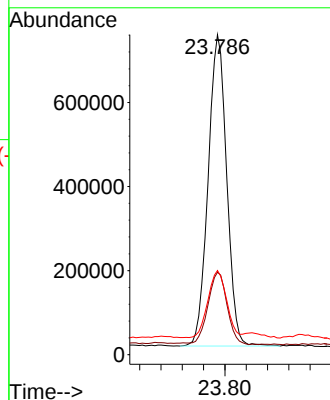
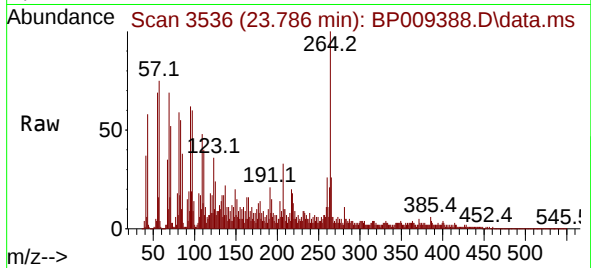




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.786 min Scan# 31
 Delta R.T. 0.053 min
 Lab File: BP009388.D
 Acq: 14 Mar 2022 18:33

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

Tgt Ion:264 Resp: 1795934
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.4 29.0
 265 26.3 17.2 25.8#



#89
 Benzo(k)fluoranthene
 Concen: 2.044 ng
 RT: 23.045 min Scan# 3410
 Delta R.T. -0.006 min
 Lab File: BP009388.D
 Acq: 14 Mar 2022 18:33

Tgt Ion:252 Resp: 236769
 Ion Ratio Lower Upper
 252 100
 253 94.6 17.5 26.3#
 125 209.7 8.3 12.5#

