

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010461.D
 Acq On : 21 May 2022 06:26
 Operator : CG/JU
 Sample : N2843-03MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MS

Quant Time: May 23 00:42:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	197474	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	852428	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	536252	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1120666	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.363	240	926147	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	760749	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	7218	1.558	ng/uL	0.00
4) Pyridine-d5	3.764	84	52571	3.996	ng/ul	0.00
7) Phenol-d5	7.058	99	161276	9.730	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	125538	11.273	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	131619	10.378	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	128975	9.156	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	78992	11.973	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	55550	7.945	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	131360	9.937	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	164223	8.355	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	418998	10.605	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	549627	12.060	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	35716	5.079	ng/ul	0.00
60) Fluorene-d10	15.516	176	431231	12.546	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	10982	1.676	ng/ul	0.00
73) Anthracene-d10	17.375	188	684646	13.492	ng/ul	0.00
81) Pyrene-d10	19.604	212	784382	15.948	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.627	264	528680	13.840	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	41366	8.619	ng/uL#	10
5) Pyridine	3.781	79	182396	13.342	ng/ul#	47
6) Benzaldehyde	7.028	77	293397	33.486	ng/ul	93
8) Phenol	7.087	94	477073	26.681	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.311	93	370109	26.326	ng/ul#	74
12) 2-Chlorophenol	7.458	128	363232	27.434	ng/ul	96
13) 2-Methylphenol	8.334	108	325979	24.421	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	595239	25.978	ng/ul#	82
16) Acetophenone	8.716	105	582453	26.318	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.699	70	304679	25.724	ng/ul#	73
18) 4-Methylphenol	8.663	108	368024	24.946	ng/ul	89
19) Hexachloroethane	8.969	117	155689	27.037	ng/ul#	78
22) Nitrobenzene	9.093	77	457026	26.361	ng/ul#	83
23) Isophorone	9.622	82	838637	26.171	ng/ul#	97
25) 2-Nitrophenol	9.805	139	206973	26.961	ng/ul#	83
26) 2,4-Dimethylphenol	9.869	107	187588	11.262	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.099	93	499962	26.203	ng/ul#	98
29) 2,4-Dichlorophenol	10.340	162	373481	27.632	ng/ul#	85
30) Naphthalene	10.740	128	1206805	27.105	ng/ul	97
32) 4-Chloroaniline	10.852	127	438816	22.495	ng/ul	99
33) Hexachlorobutadiene	11.034	225	252409	26.354	ng/ul	96
34) Caprolactam	11.634	113	122765	26.026	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.981	107	444638	28.121	ng/ul#	71
36) 2-Methylnaphthalene	12.352	142	836820	26.549	ng/ul	92

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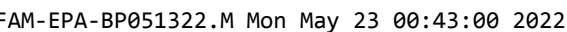
Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MS

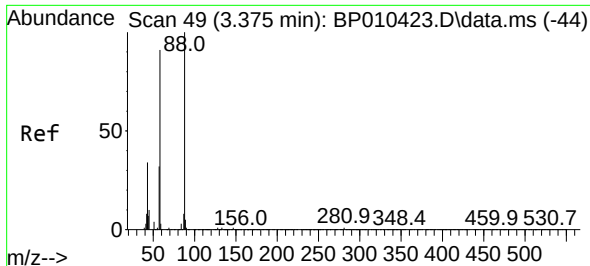
Quant Time: May 23 00:42:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	853844	26.829	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	460659	28.150	ng/ul#	95
40) Hexachlorocyclopentadiene	12.704	237	78623	8.837	ng/ul	96
41) 2,4,6-Trichlorophenol	12.957	196	322339	31.600	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.034	196	357651	31.401	ng/ul#	88
43) 1,1'-Biphenyl	13.357	154	1104803	28.068	ng/ul#	93
44) 2-Chloronaphthalene	13.399	162	861047	28.323	ng/ul	93
45) 2-Nitroaniline	13.604	65	310578	31.041	ng/ul#	78
47) Dimethylphthalate	13.981	163	1092335	27.872	ng/ul#	91
48) 2,6-Dinitrotoluene	14.098	165	246175	30.814	ng/ul	94
50) Acenaphthylene	14.246	152	1392449	28.244	ng/ul	95
51) 3-Nitroaniline	14.428	138	237219	31.637	ng/ul#	83
52) Acenaphthene	14.587	153	919230	28.582	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	68795	15.424	ng/ul#	78
55) 4-Nitrophenol	14.740	109	169260	27.068	ng/ul#	42
56) Dibenzofuran	14.922	168	1357966	28.812	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	363967	31.647	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.151	232	301036	30.736	ng/ul#	84
59) Diethylphthalate	15.345	149	1190968	29.782	ng/ul	93
61) Fluorene	15.575	166	1139498	29.563	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	578861	28.871	ng/ul	98
63) 4-Nitroaniline	15.593	138	249841	33.746	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.657	198	117403	17.962	ng/ul#	90
67) N-Nitrosodiphenylamine	15.781	169	1007994	32.073	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	366847	31.785	ng/ul	95
69) Hexachlorobenzene	16.587	284	416659	31.385	ng/ul#	91
70) Atrazine	16.740	200	403642	32.060	ng/ul#	89
71) Pentachlorophenol	16.928	266	216313	25.968	ng/ul#	82
72) Phenanthrene	17.316	178	2041523	34.135	ng/ul	98
74) Anthracene	17.410	178	1884421	31.408	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	474125	27.839	ng/ul#	86
76) Pentachlorobenzene	14.845	250	469353	30.373	ng/ul	89
77) Carbazole	17.681	167	1675605	31.778	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	2174803	33.864	ng/ul#	93
80) Fluoranthene	19.286	202	2622224	45.877	ng/ul	97
82) Pyrene	19.639	202	2553457	42.809	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.275	252	385126	20.690	ng/ul#	95
85) Benzo(a)anthracene	21.345	228	2116613	36.547	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	1429419	40.840	ng/ul#	81
87) Chrysene	21.398	228	2097527	36.820	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2263103	39.655	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1994458	39.333	ng/ul	100
91) Benzo(k)fluoranthene	23.092	252	1606202	33.329	ng/ul#	97
93) Benzo(a)pyrene	23.680	252	1718375	36.475	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	1701448	38.390	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.339	278	1367935	35.571	ng/ul#	95
96) Benzo(g,h,i)perylene	27.092	276	1041161	28.134	ng/ul#	90

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

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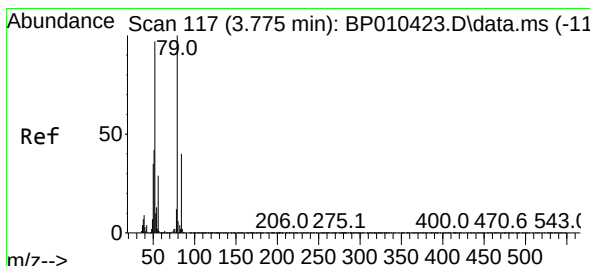
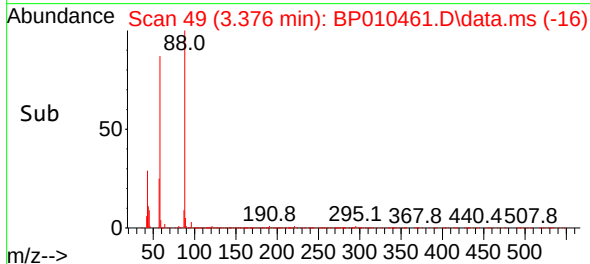
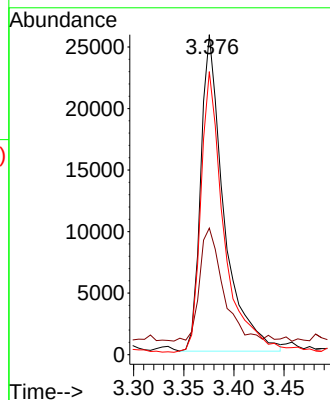
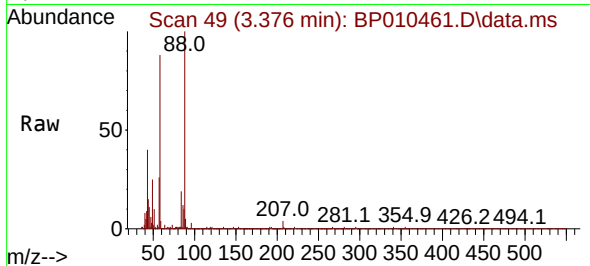




#2
1,4-Dioxane
Concen: 8.619 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. -0.005 min
Lab File: BP010461.D
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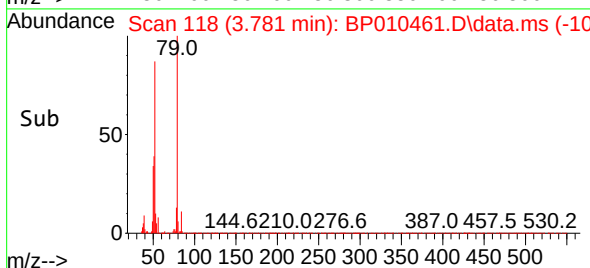
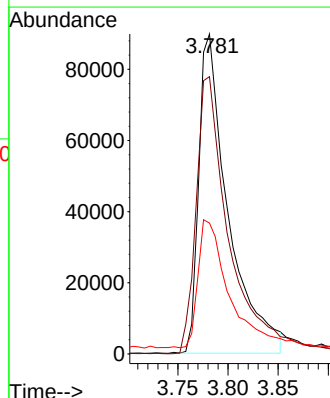
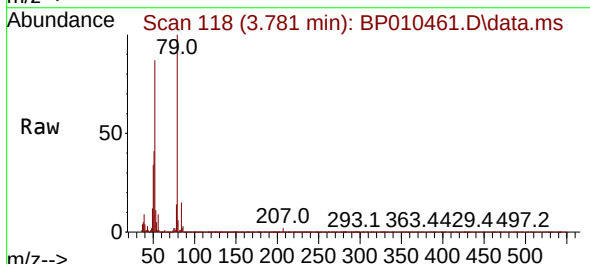
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

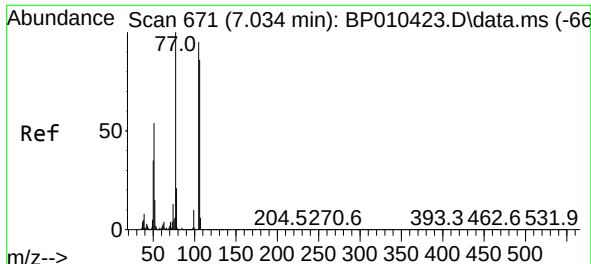
Tgt Ion: 88 Resp: 41366
Ion Ratio Lower Upper
88 100
43 39.5 6.8 10.2#
58 88.5 28.4 42.6#



#5
Pyridine
Concen: 13.342 ng/uL
RT: 3.781 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion: 79 Resp: 182396
Ion Ratio Lower Upper
79 100
52 86.6 35.5 53.3#
51 40.9 20.2 30.4#

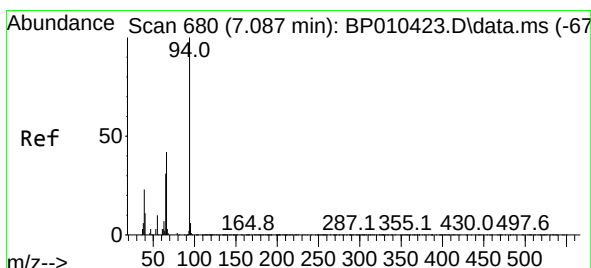
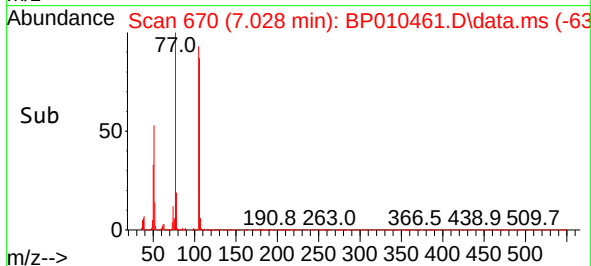
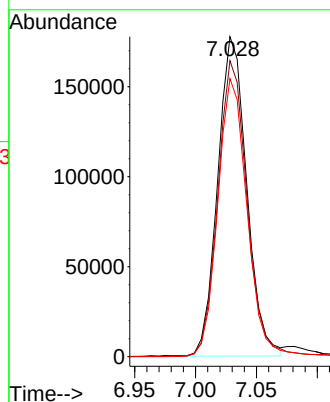
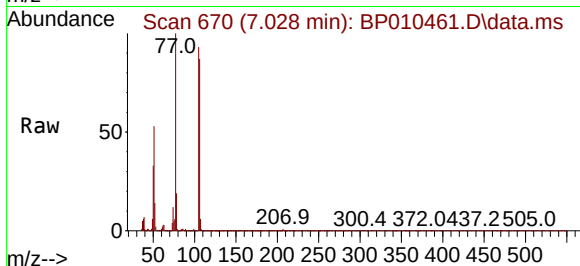




#6
Benzaldehyde
Concen: 33.486 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

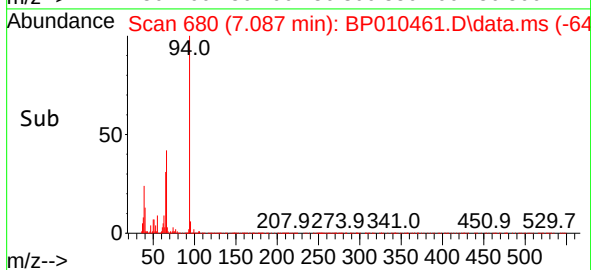
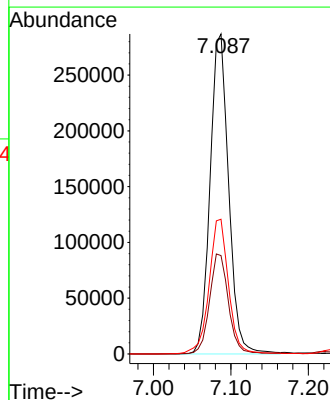
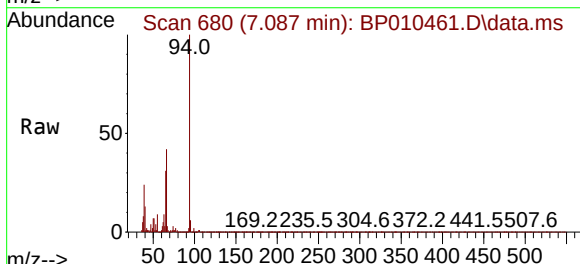
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

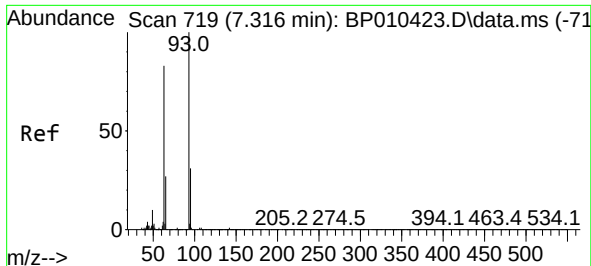
Tgt Ion: 77 Resp: 293397
Ion Ratio Lower Upper
77 100
105 92.5 77.0 115.4
106 86.9 77.0 115.4



#8
Phenol
Concen: 26.681 ng/ul
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion: 94 Resp: 477073
Ion Ratio Lower Upper
94 100
65 30.7 19.0 28.6#
66 42.1 34.6 51.8

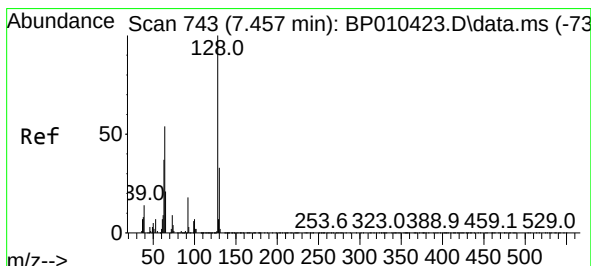
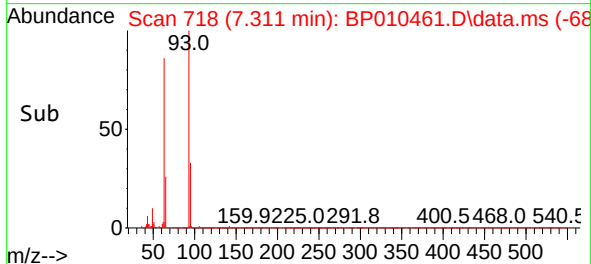
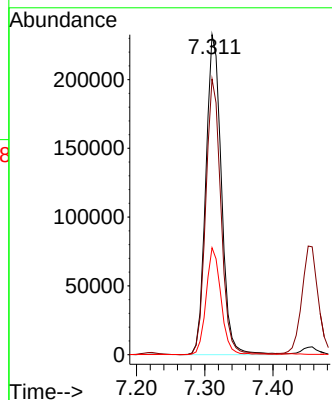
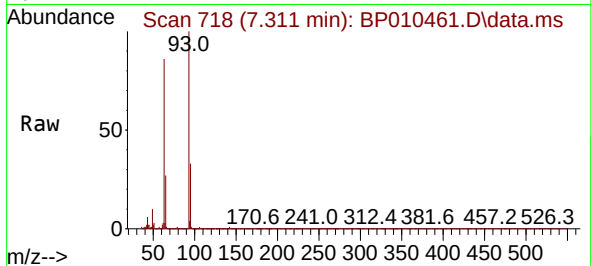




#10
Bis(2-Chloroethyl)ether
Concen: 26.326 ng/ul
RT: 7.311 min Scan# 719
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

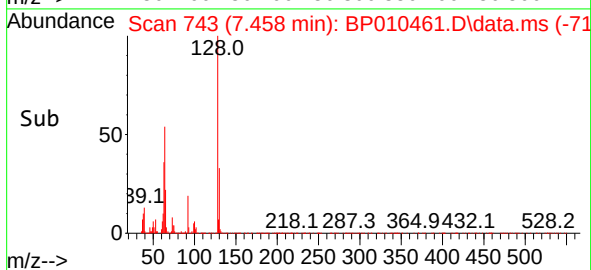
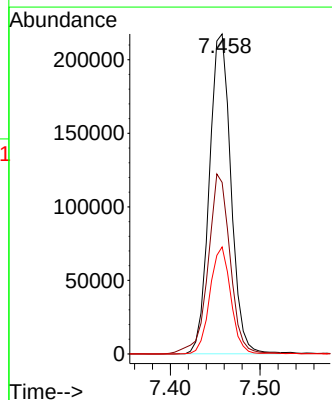
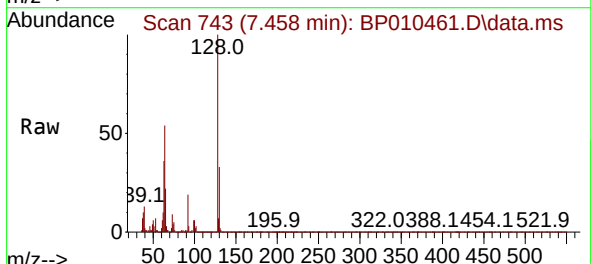
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

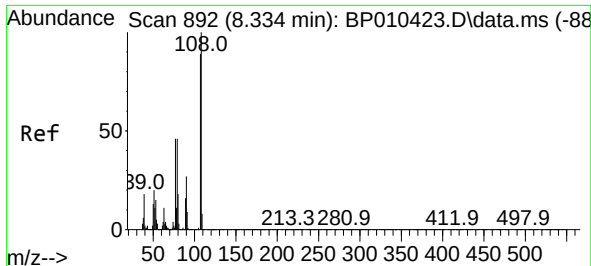
Tgt Ion: 93 Resp: 370109
Ion Ratio Lower Upper
93 100
63 86.1 45.0 67.4#
95 33.4 26.3 39.5



#12
2-Chlorophenol
Concen: 27.434 ng/ul
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:128 Resp: 363232
Ion Ratio Lower Upper
128 100
64 53.6 45.3 67.9
130 33.4 29.0 43.6





#13

2-Methylphenol

Concen: 24.421 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.012 min

Lab File: BP010461.D

Acq: 21 May 2022 06:26

Instrument :

BNA_P

ClientSampleId :

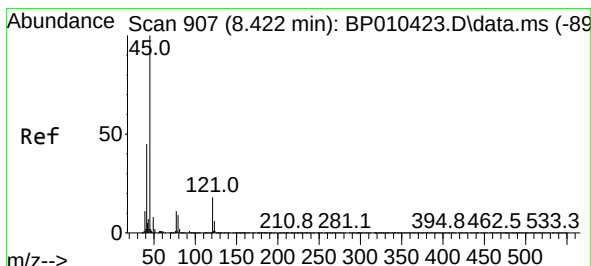
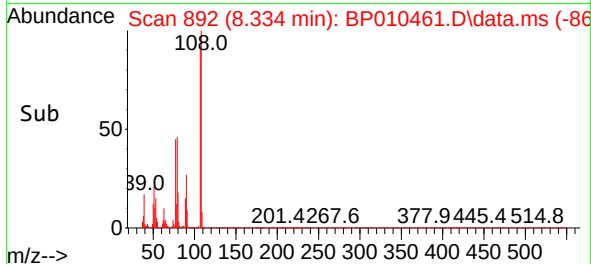
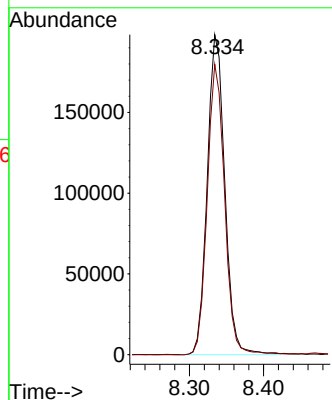
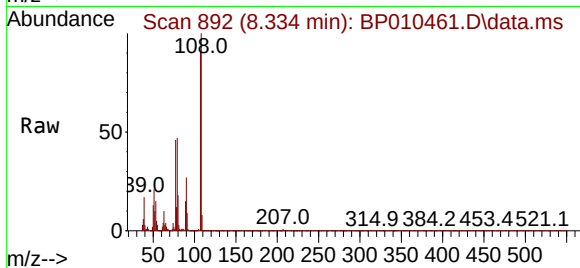
EW4H4MS

Tgt Ion:108 Resp: 325979

Ion Ratio Lower Upper

108 100

107 90.8 70.8 106.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.978 ng/ul

RT: 8.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BP010461.D

Acq: 21 May 2022 06:26

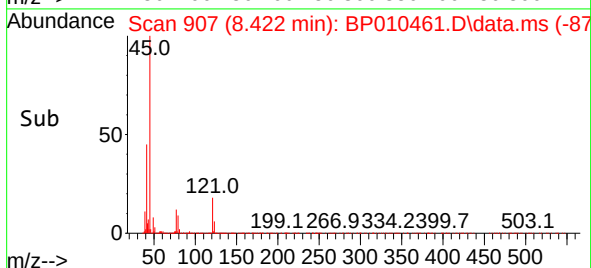
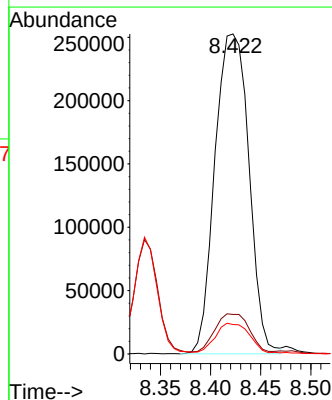
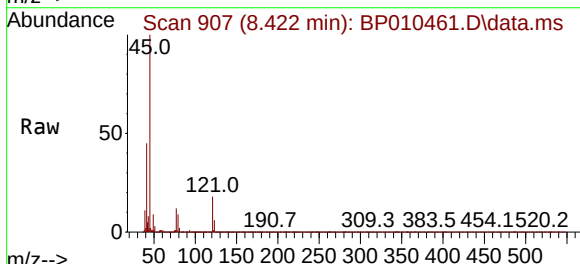
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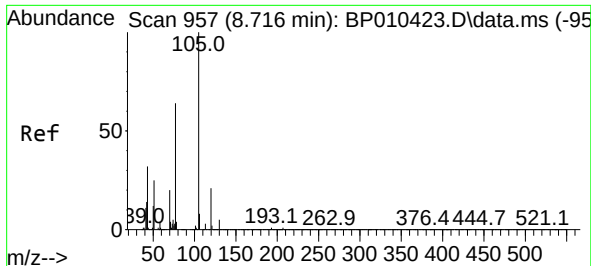
Ion Ratio Lower Upper

45 100

77 12.3 17.1 25.7#

79 9.2 13.2 19.8#

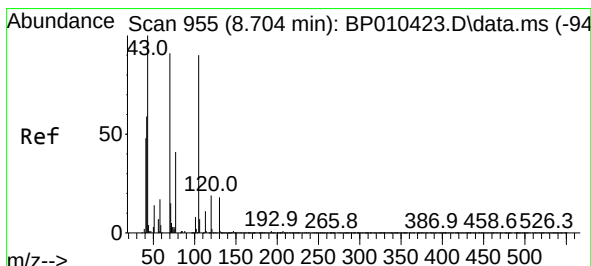
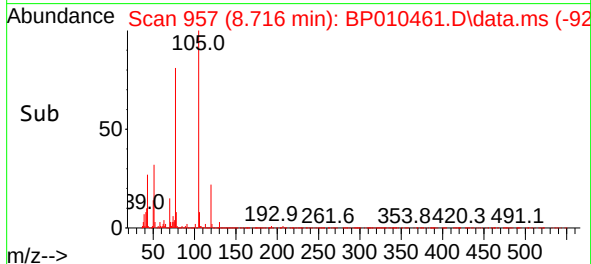
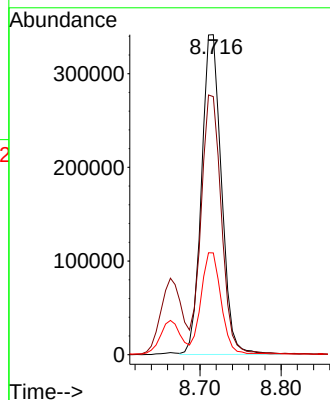
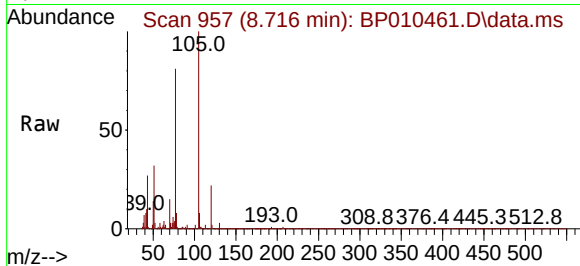




#16
Acetophenone
Concen: 26.318 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
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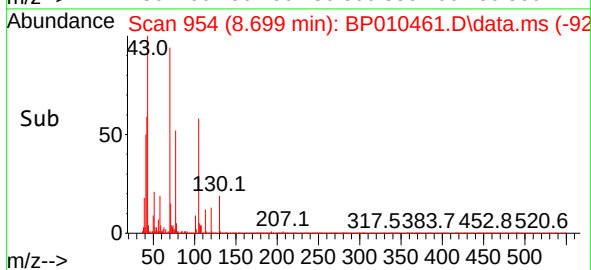
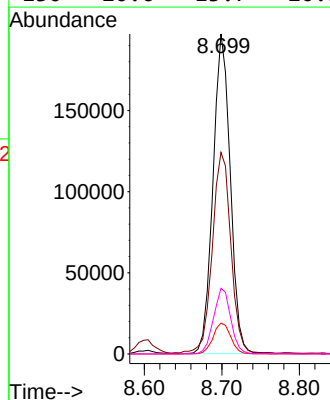
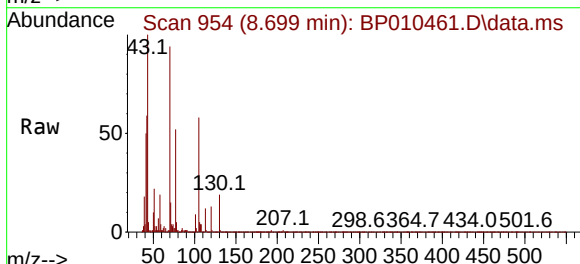
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ClientSampleId :
EW4H4MS

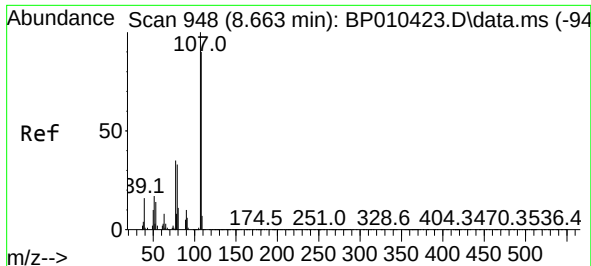
Tgt Ion:105 Resp: 582453
Ion Ratio Lower Upper
105 100
77 80.6 53.4 80.2#
51 31.8 13.8 20.8#



#17
N-Nitroso-di-n-propylamine
Concen: 25.724 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion: 70 Resp: 304679
Ion Ratio Lower Upper
70 100
42 63.0 31.8 47.8#
101 9.6 15.6 23.4#
130 20.6 13.7 20.5#

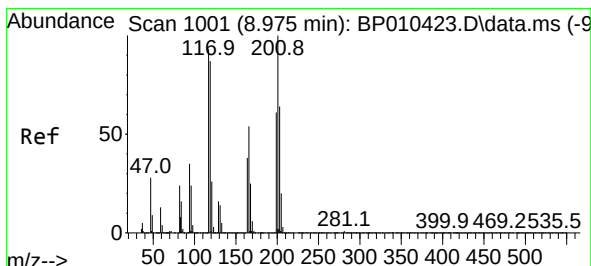
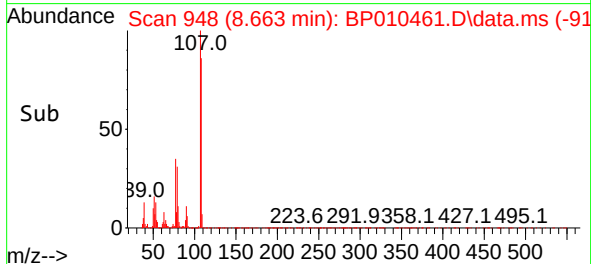
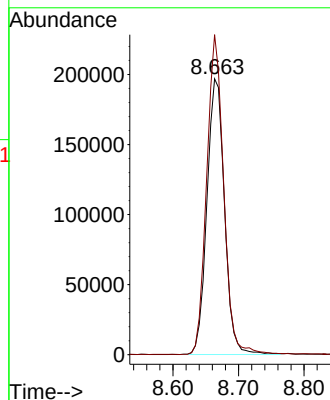
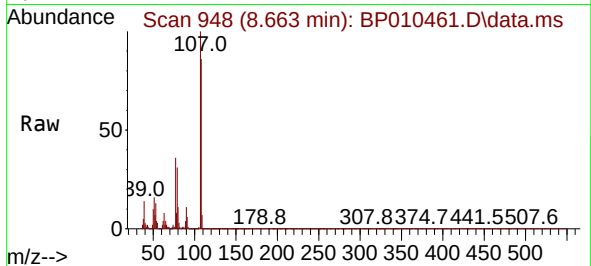




#18
4-Methylphenol
Concen: 24.946 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

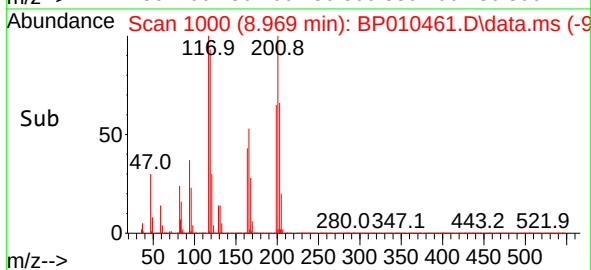
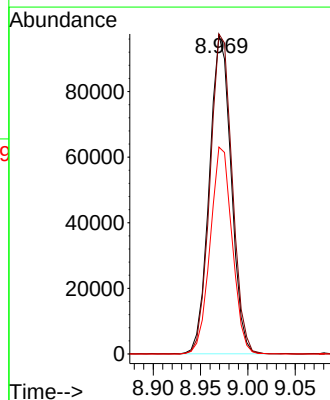
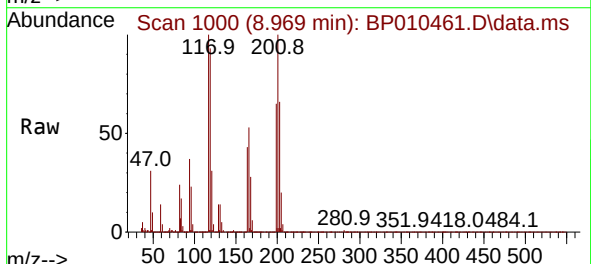
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

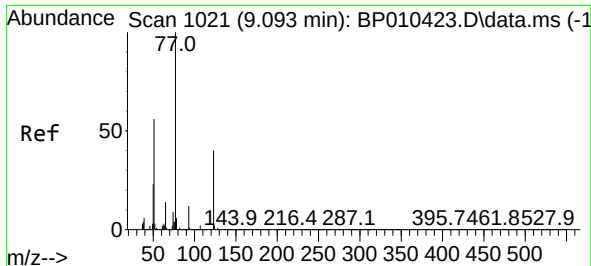
Tgt Ion:108 Resp: 368024
Ion Ratio Lower Upper
108 100
107 116.0 83.6 125.4



#19
Hexachloroethane
Concen: 27.037 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:117 Resp: 155689
Ion Ratio Lower Upper
117 100
201 100.4 106.5 159.7#
199 64.9 59.0 88.6

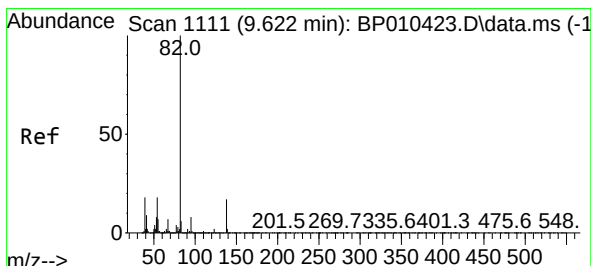
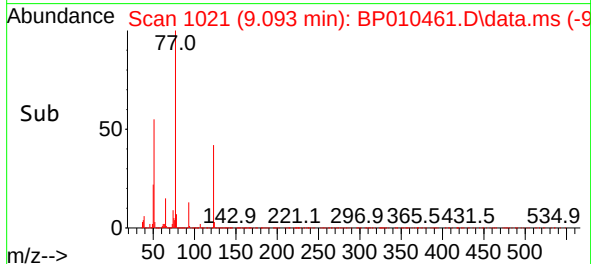
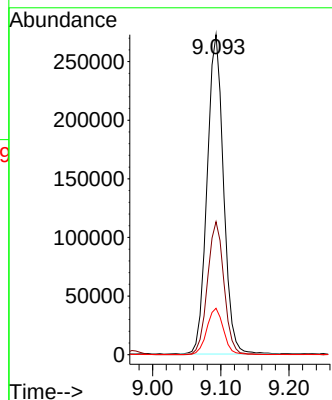
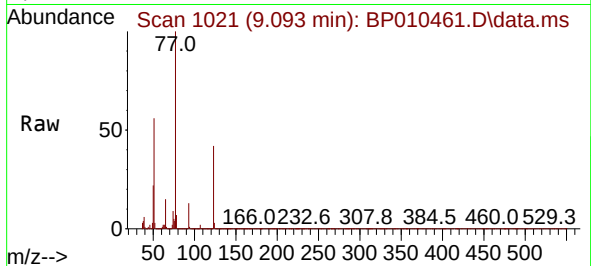




#22
Nitrobenzene
Concen: 26.361 ng/ul
RT: 9.093 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

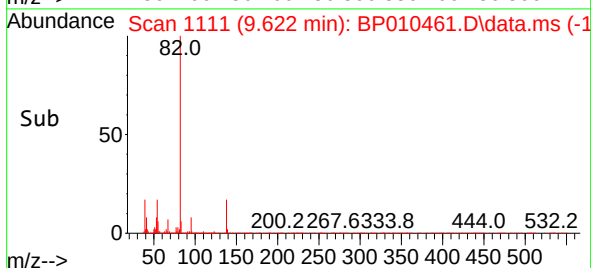
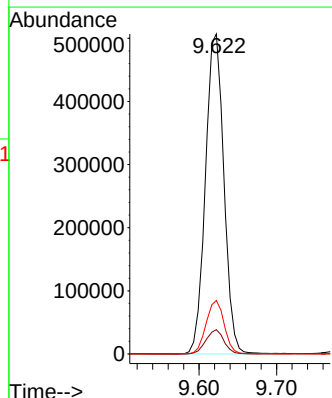
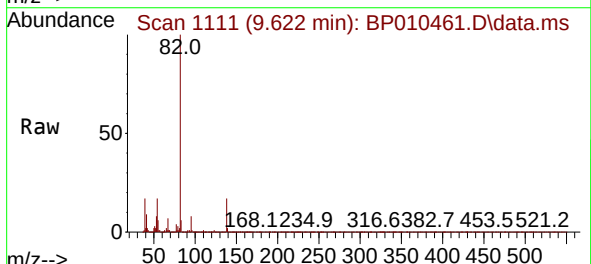
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

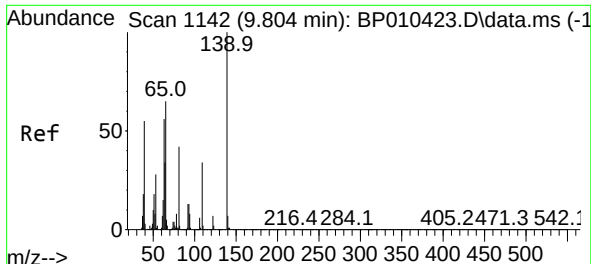
Tgt Ion: 77 Resp: 457026
Ion Ratio Lower Upper
77 100
123 41.6 42.3 63.5#
65 14.5 5.8 8.8#



#23
Isophorone
Concen: 26.171 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion: 82 Resp: 838637
Ion Ratio Lower Upper
82 100
95 7.6 7.8 11.8#
138 16.7 12.9 19.3

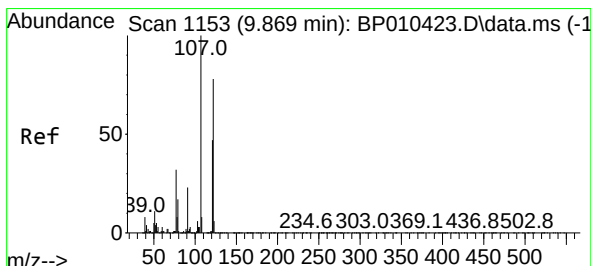
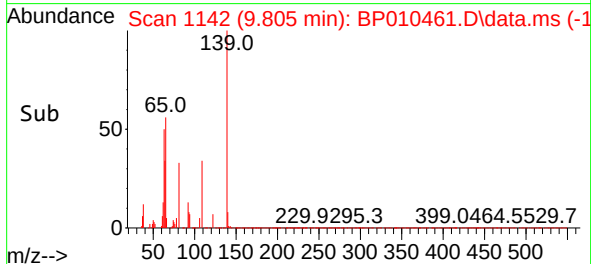
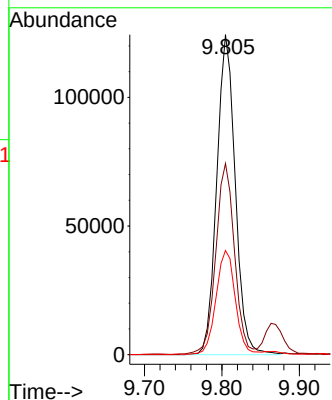
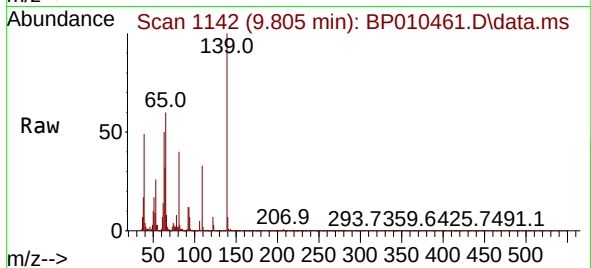




#25
2-Nitrophenol
Concen: 26.961 ng/ul
RT: 9.805 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

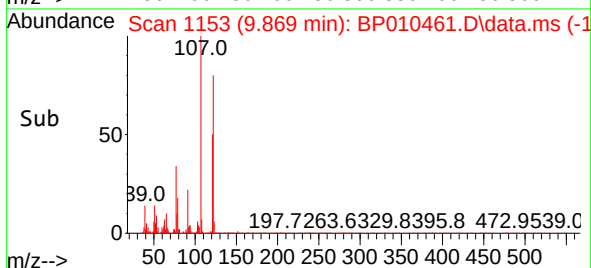
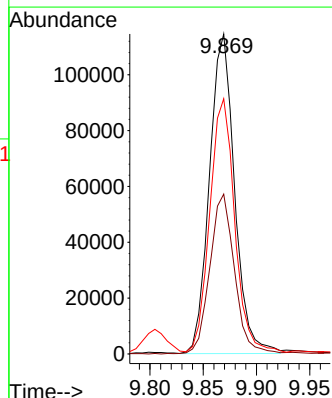
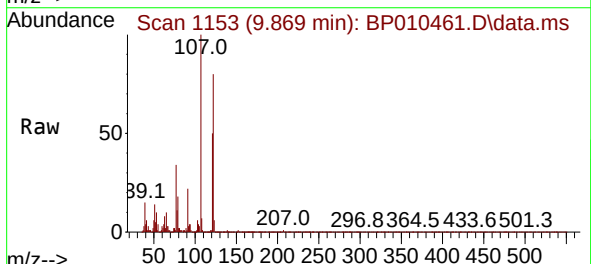
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

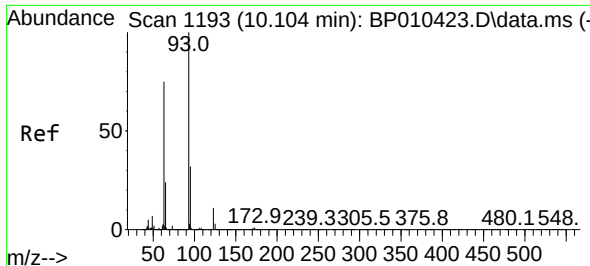
Tgt Ion:139 Resp: 206973
Ion Ratio Lower Upper
139 100
65 59.8 49.4 74.2
109 32.5 44.7 67.1#



#26
2,4-Dimethylphenol
Concen: 11.262 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:107 Resp: 187588
Ion Ratio Lower Upper
107 100
121 50.0 34.1 51.1
122 79.8 46.3 69.5#

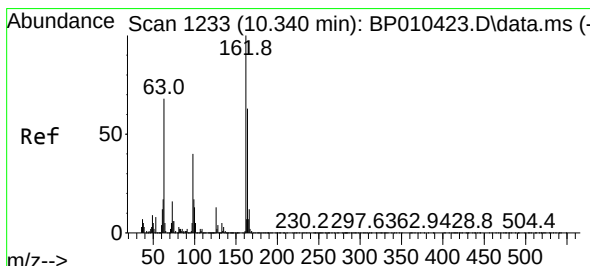
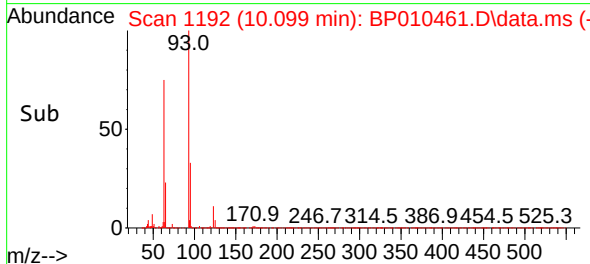
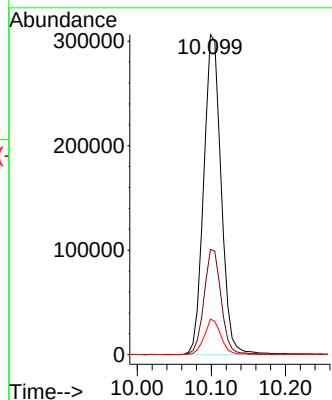
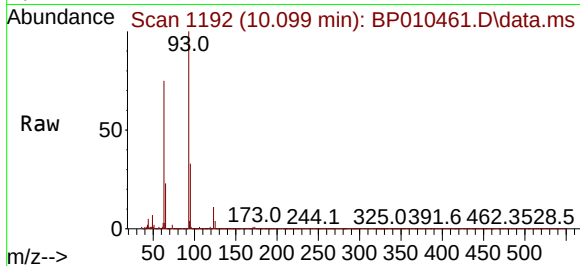




#27
Bis(2-Chloroethoxy)methane
Concen: 26.203 ng/ul
RT: 10.099 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

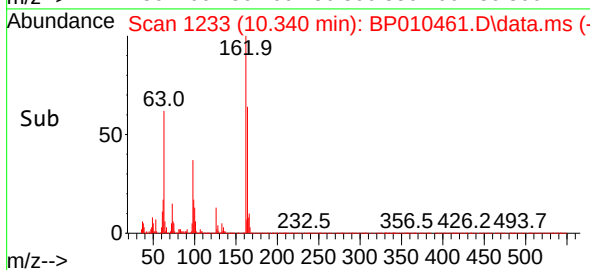
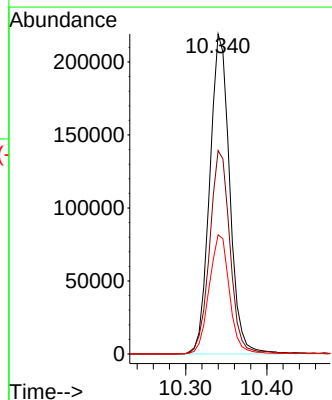
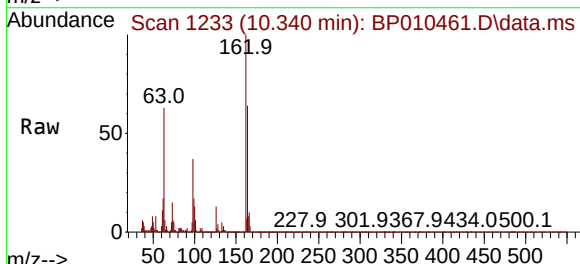
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

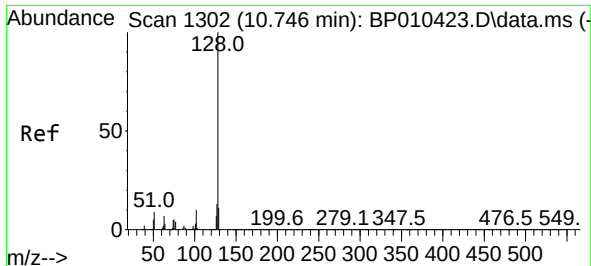
Tgt Ion: 93 Resp: 499962
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 11.1 6.2 9.4#



#29
2,4-Dichlorophenol
Concen: 27.632 ng/ul
RT: 10.340 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:162 Resp: 373481
Ion Ratio Lower Upper
162 100
164 63.6 37.0 55.6#
98 37.3 31.0 46.6

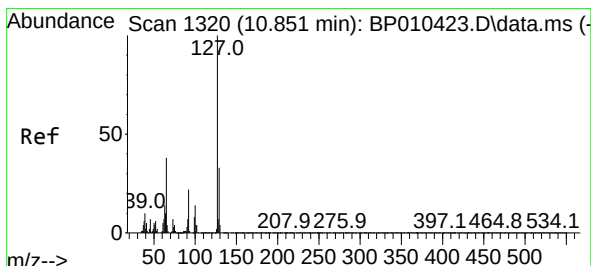
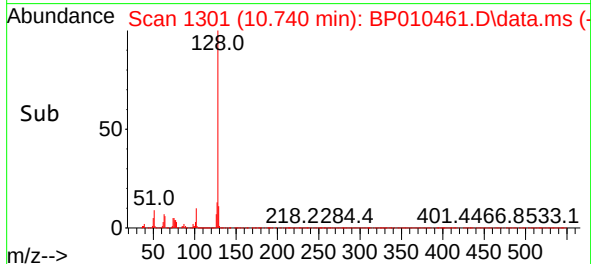
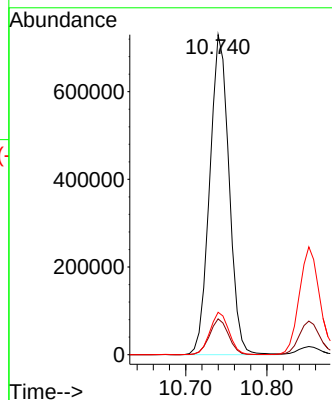
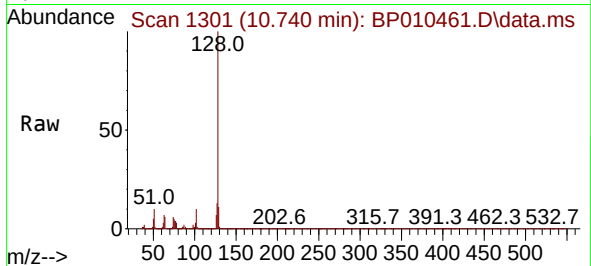




#30
Naphthalene
Concen: 27.105 ng/ul
RT: 10.740 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

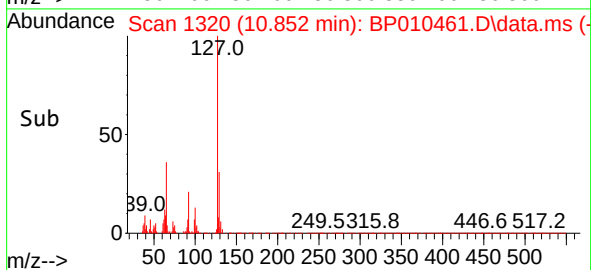
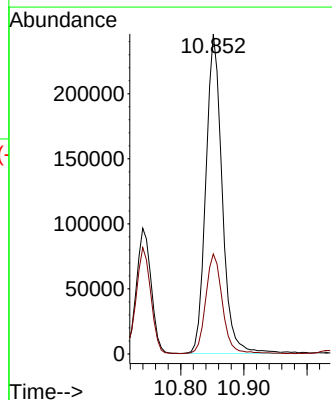
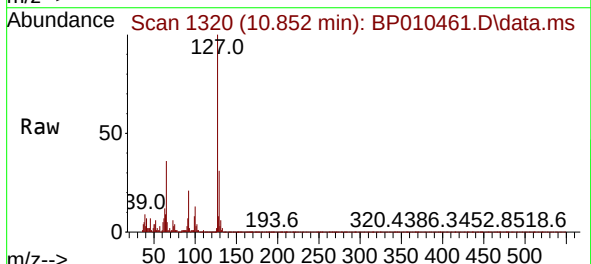
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

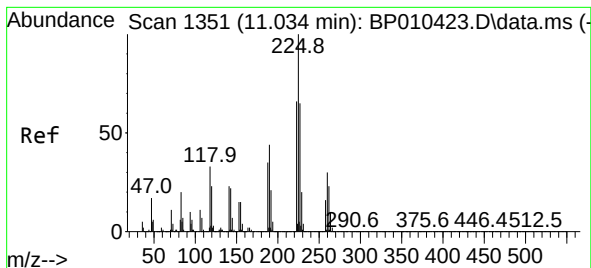
Tgt Ion:128 Resp: 1206805
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 12.2 18.4



#32
4-Chloroaniline
Concen: 22.495 ng/ul
RT: 10.852 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:127 Resp: 438816
Ion Ratio Lower Upper
127 100
129 31.2 24.6 37.0

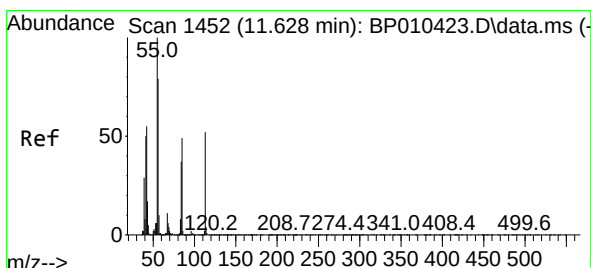
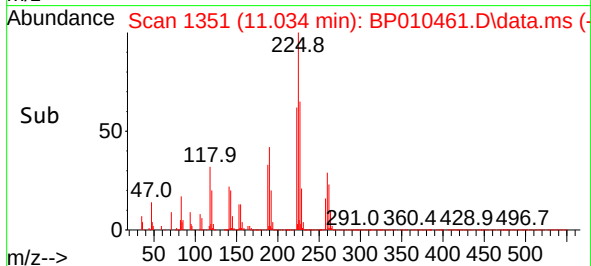
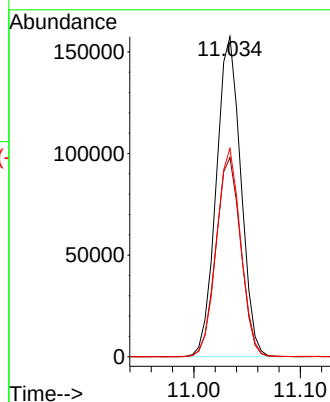
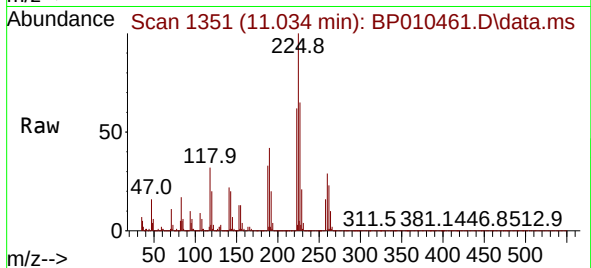




#33
Hexachlorobutadiene
Concen: 26.354 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

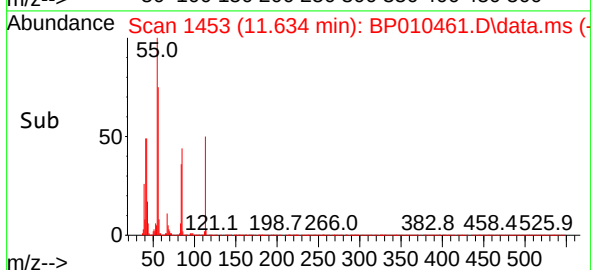
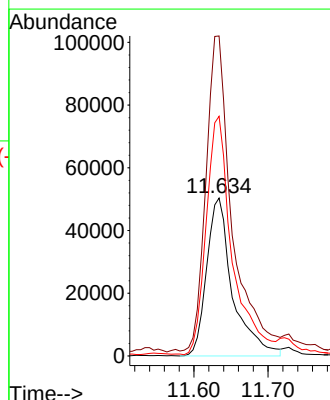
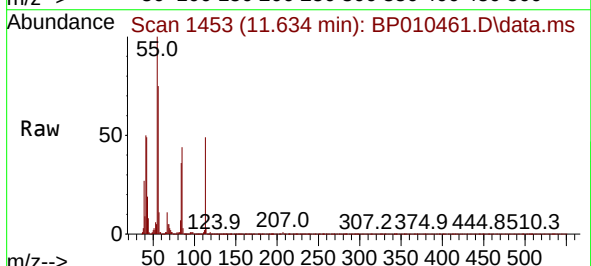
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

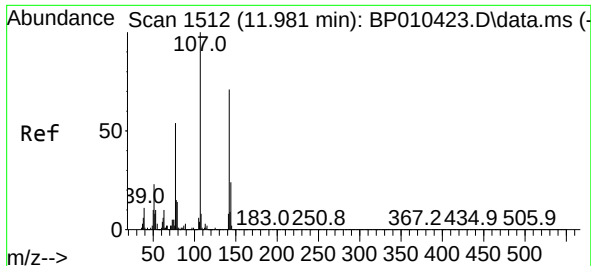
Tgt Ion:225 Resp: 252409
Ion Ratio Lower Upper
225 100
223 62.3 53.4 80.0
227 65.0 53.8 80.8



#34
Caprolactam
Concen: 26.026 ng/ul
RT: 11.634 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:113 Resp: 122765
Ion Ratio Lower Upper
113 100
55 202.6 58.2 87.2#
56 151.7 68.6 103.0#

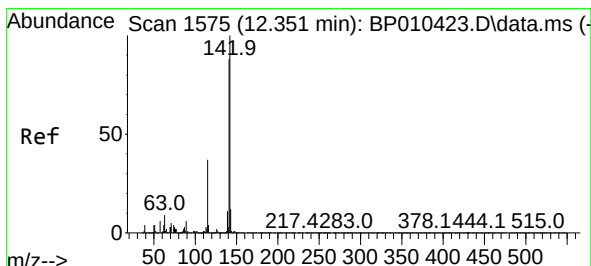
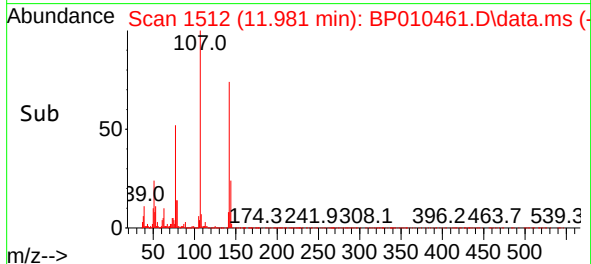
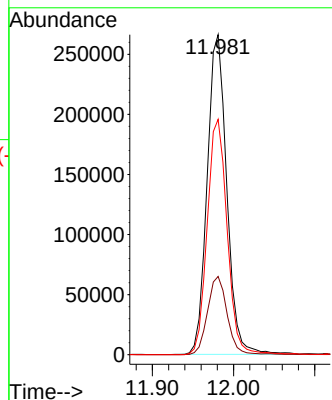
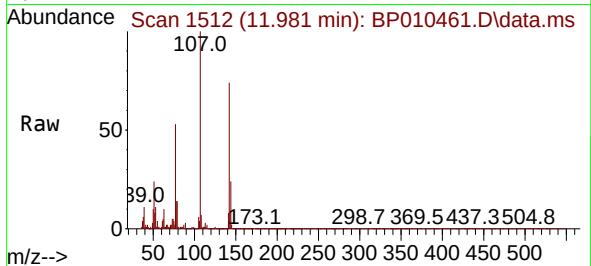




#35
 4-Chloro-3-methylphenol
 Concen: 28.121 ng/ul
 RT: 11.981 min Scan# 1512
 Delta R.T. -0.006 min
 Lab File: BP010461.D
 Acq: 21 May 2022 06:26

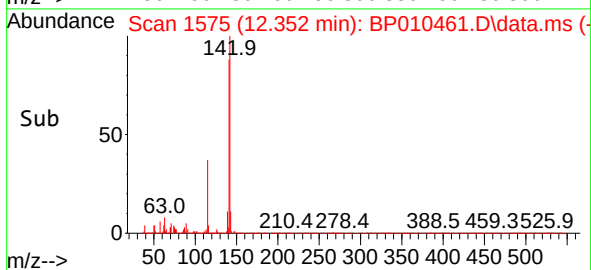
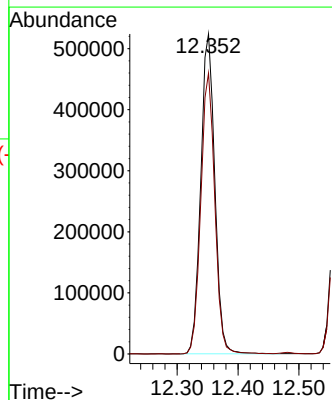
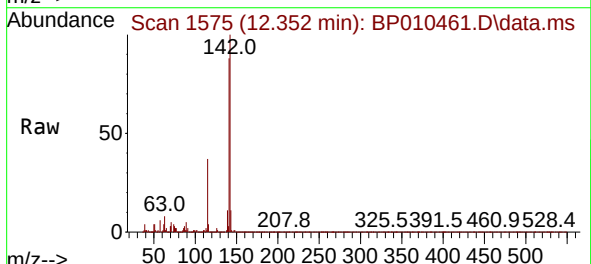
Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MS

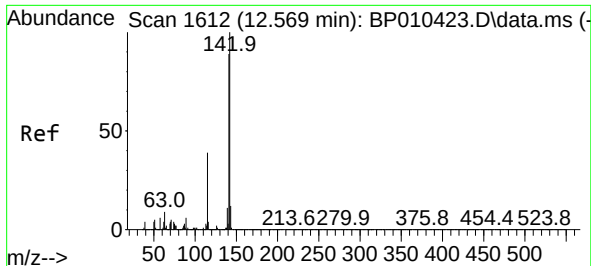
Tgt Ion:107 Resp: 444638
 Ion Ratio Lower Upper
 107 100
 144 24.4 15.8 23.8#
 142 73.6 38.9 58.3#



#36
 2-Methylnaphthalene
 Concen: 26.549 ng/ul
 RT: 12.352 min Scan# 1575
 Delta R.T. -0.012 min
 Lab File: BP010461.D
 Acq: 21 May 2022 06:26

Tgt Ion:142 Resp: 836820
 Ion Ratio Lower Upper
 142 100
 141 87.7 64.3 96.5

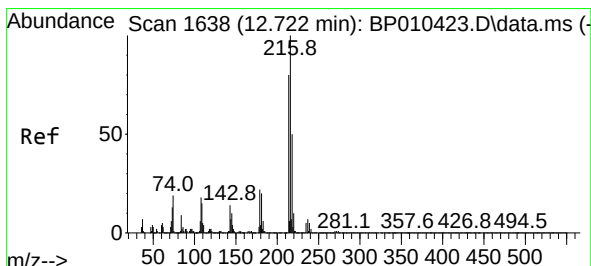
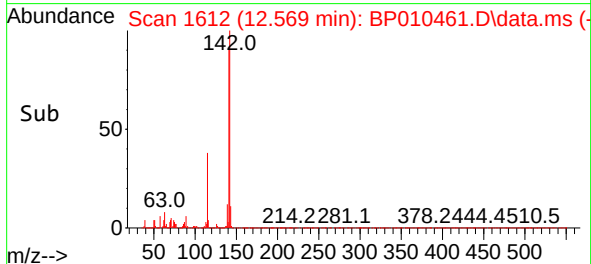
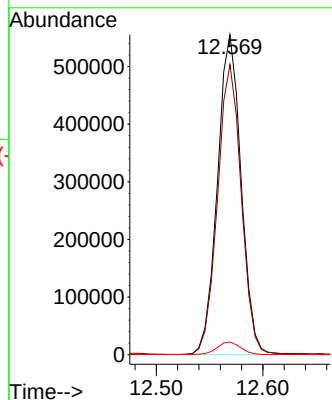
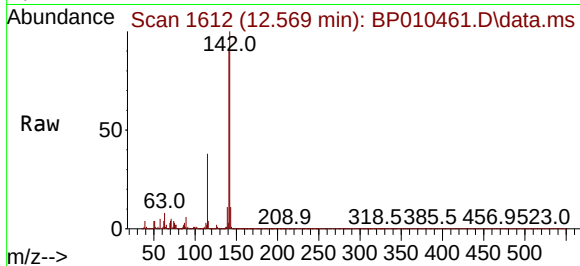




#37
1-Methylnaphthalene
Concen: 26.829 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

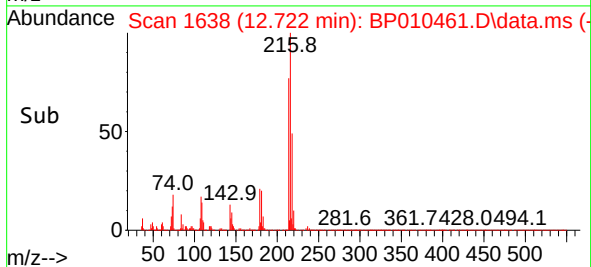
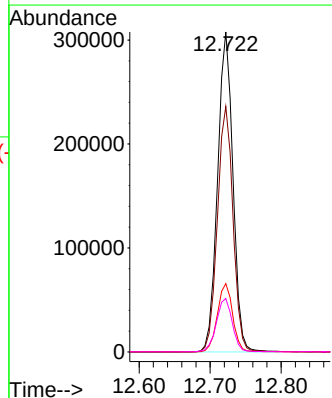
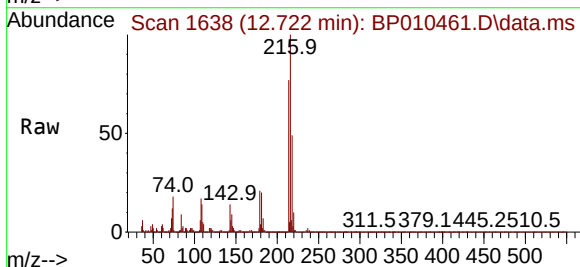
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

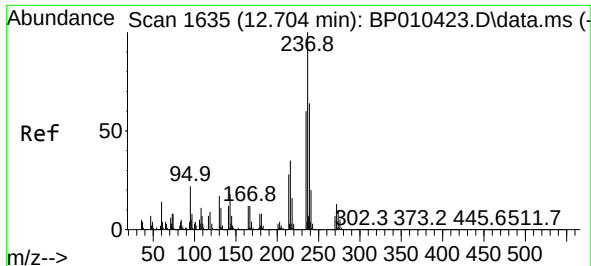
Tgt Ion:142 Resp: 853844
Ion Ratio Lower Upper
142 100
141 90.6 69.8 104.8
116 3.9 5.6 8.4#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.150 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:216 Resp: 460659
Ion Ratio Lower Upper
216 100
214 76.7 58.2 87.2
179 21.4 14.2 21.2#
108 16.7 15.3 22.9

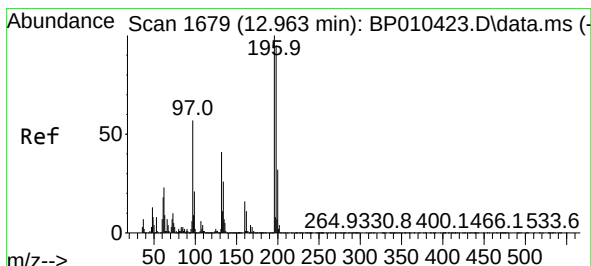
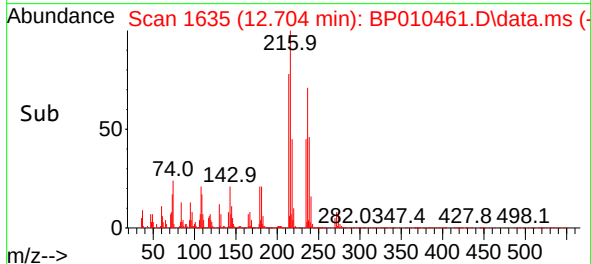
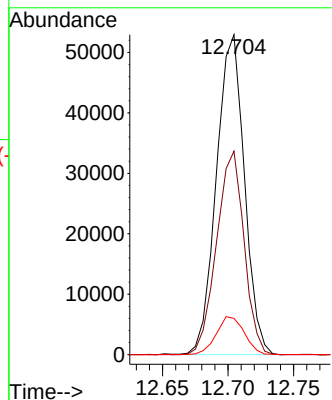
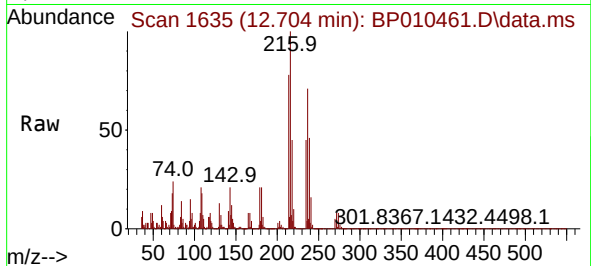




#40
Hexachlorocyclopentadiene
Concen: 8.837 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

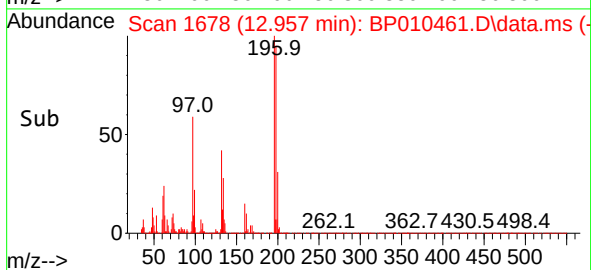
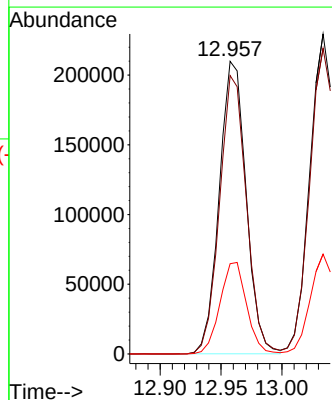
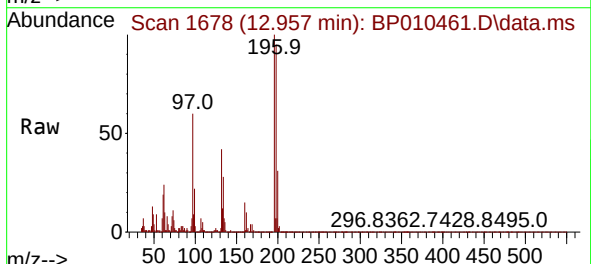
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

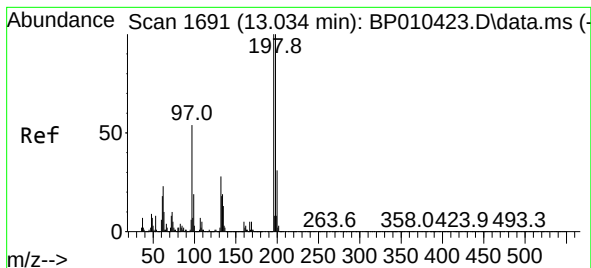
Tgt Ion:237 Resp: 78623
Ion Ratio Lower Upper
237 100
235 63.6 53.2 79.8
272 11.4 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 31.600 ng/ul
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:196 Resp: 322339
Ion Ratio Lower Upper
196 100
198 95.1 64.1 96.1
200 30.8 19.9 29.9#





#42

2,4,5-Trichlorophenol

Concen: 31.401 ng/ul

RT: 13.034 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010461.D

Acq: 21 May 2022 06:26

Instrument :

BNA_P

ClientSampleId :

EW4H4MS

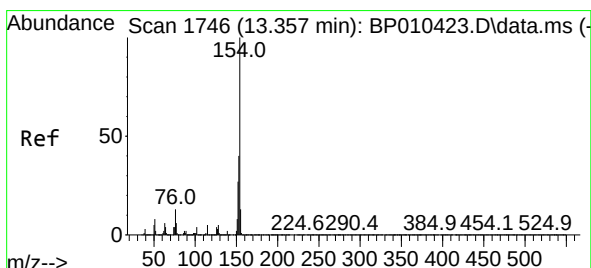
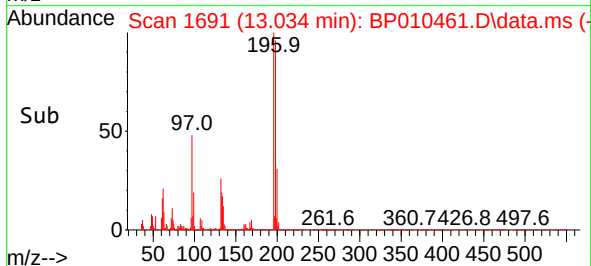
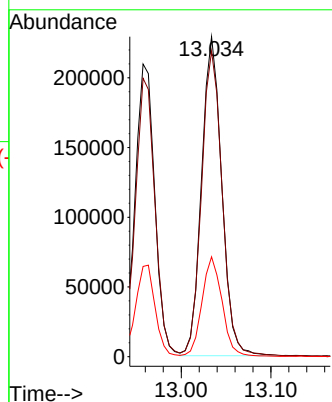
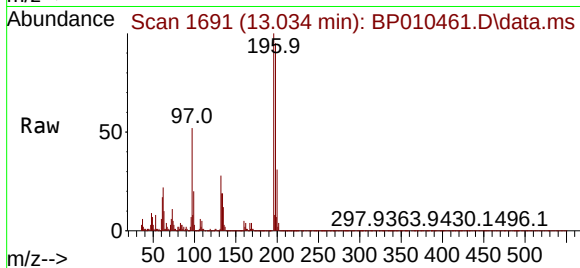
Tgt Ion:196 Resp: 357651

Ion Ratio Lower Upper

196 100

198 95.5 68.6 103.0

200 31.2 32.8 49.2#



#43

1,1'-Biphenyl

Concen: 28.068 ng/ul

RT: 13.357 min Scan# 1746

Delta R.T. -0.012 min

Lab File: BP010461.D

Acq: 21 May 2022 06:26

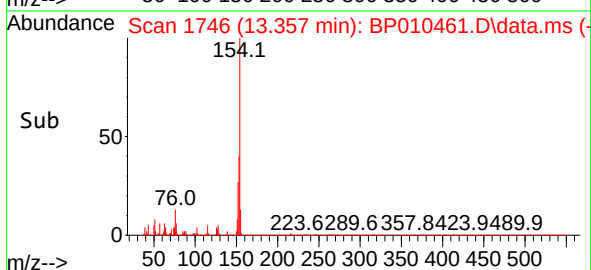
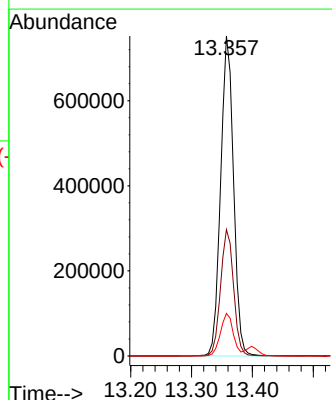
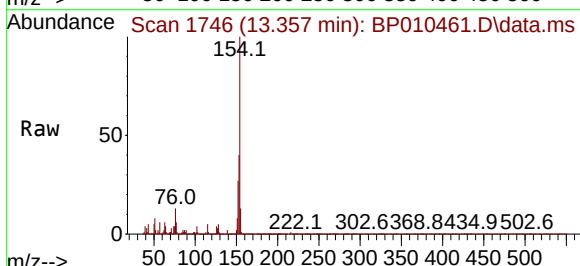
Tgt Ion:154 Resp: 1104803

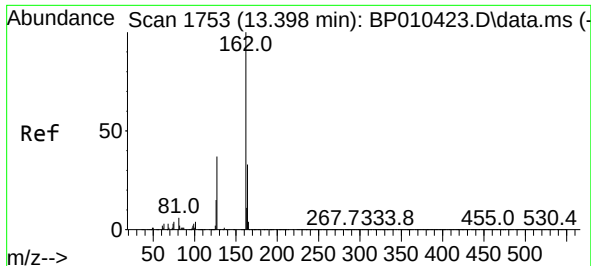
Ion Ratio Lower Upper

154 100

153 39.5 28.6 43.0

76 13.3 8.5 12.7#

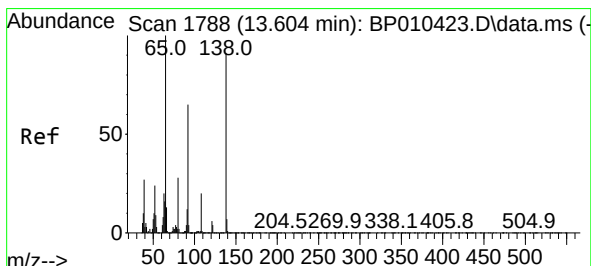
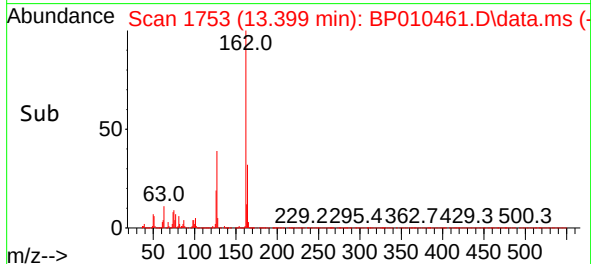
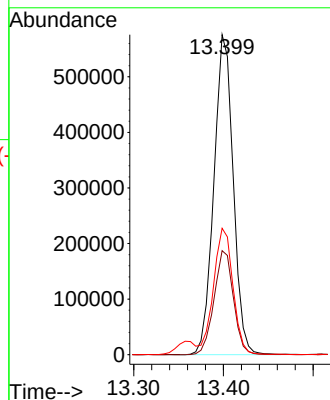
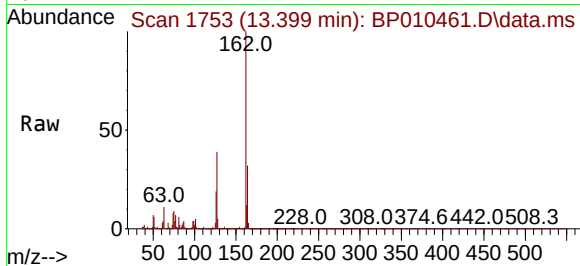




#44
2-Chloronaphthalene
Concen: 28.323 ng/ul
RT: 13.399 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

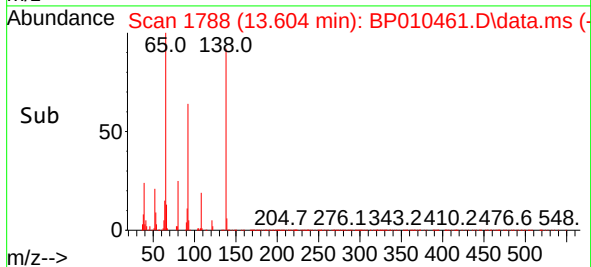
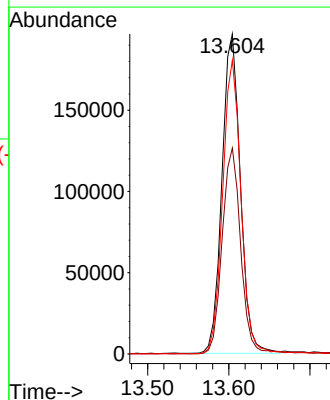
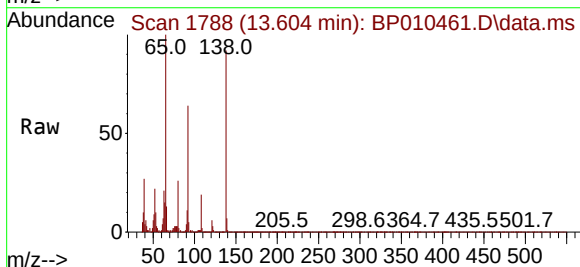
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

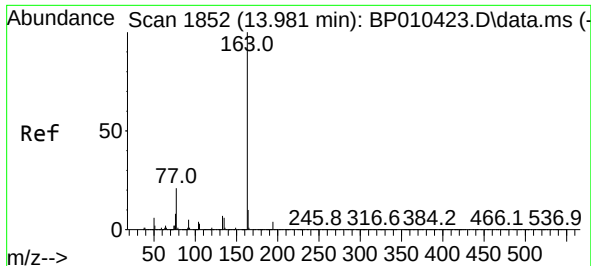
Tgt Ion:162 Resp: 861047
Ion Ratio Lower Upper
162 100
164 32.5 27.5 41.3
127 39.5 37.1 55.7



#45
2-Nitroaniline
Concen: 31.041 ng/ul
RT: 13.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion: 65 Resp: 310578
Ion Ratio Lower Upper
65 100
92 64.4 77.9 116.9#
138 91.8 81.5 122.3

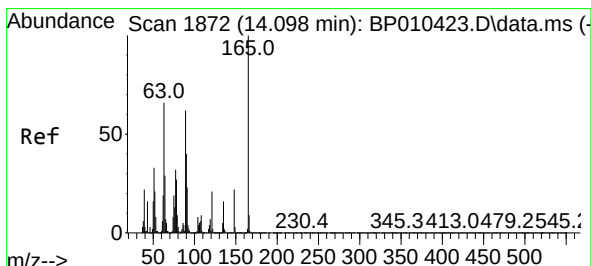
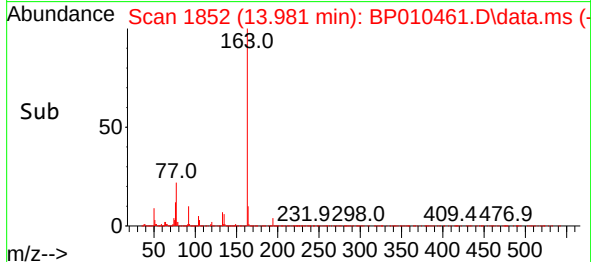
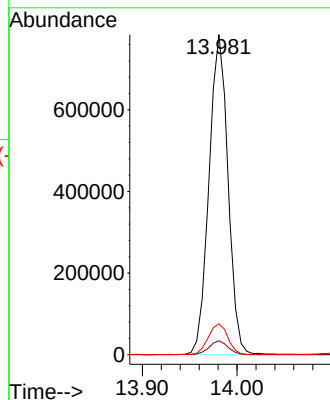
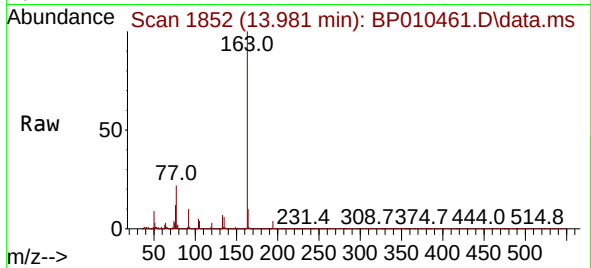




#47
Dimethylphthalate
Concen: 27.872 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

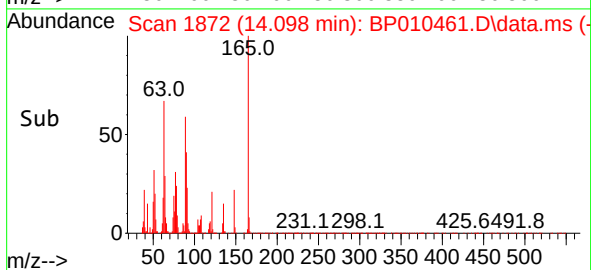
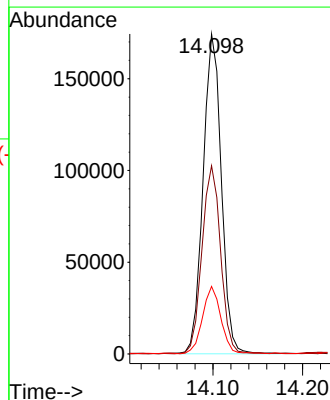
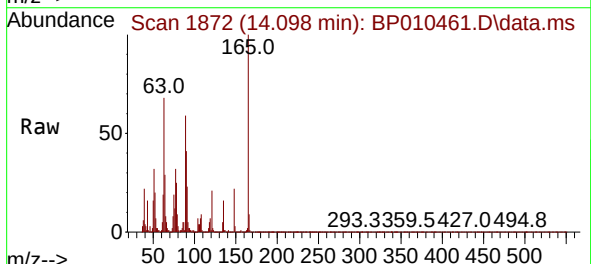
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

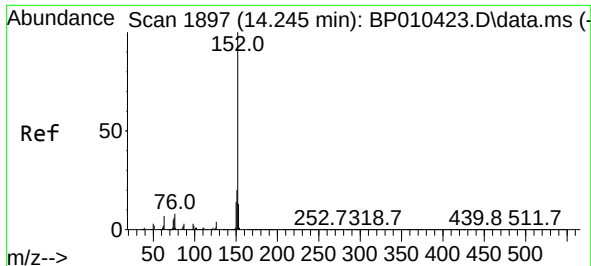
Tgt Ion:163 Resp: 1092335
Ion Ratio Lower Upper
163 100
194 4.4 4.1 6.1
164 9.7 11.3 16.9#



#48
2,6-Dinitrotoluene
Concen: 30.814 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:165 Resp: 246175
Ion Ratio Lower Upper
165 100
89 58.8 51.7 77.5
121 21.1 18.3 27.5

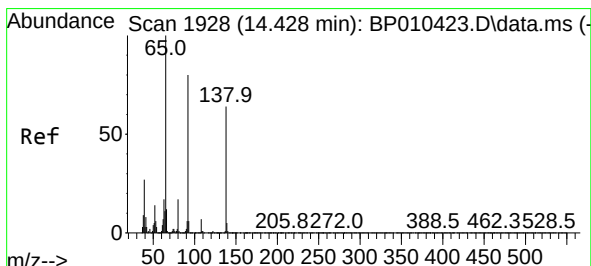
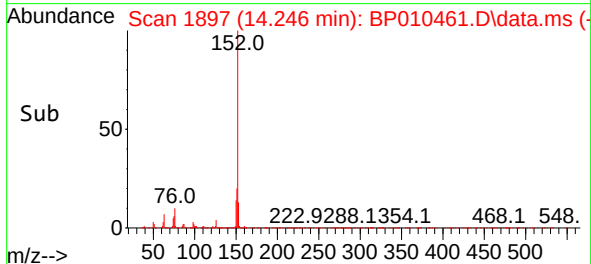
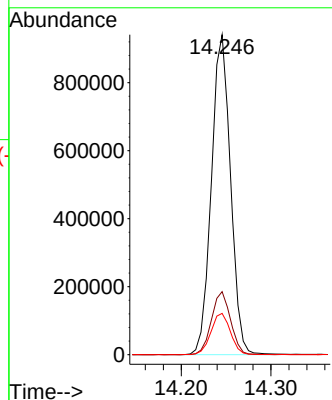
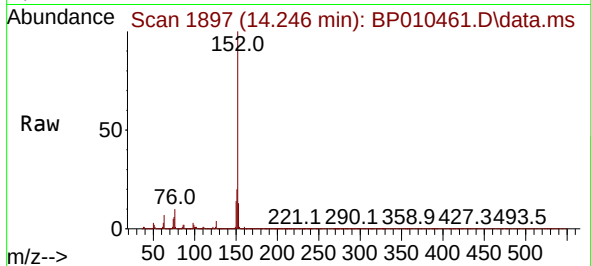




#50
Acenaphthylene
Concen: 28.244 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

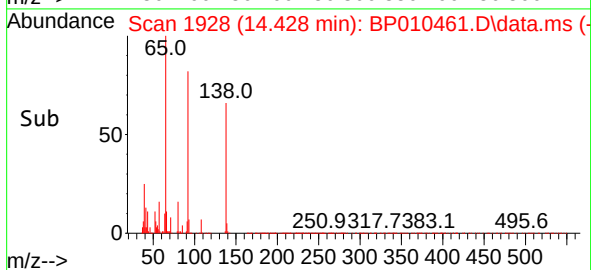
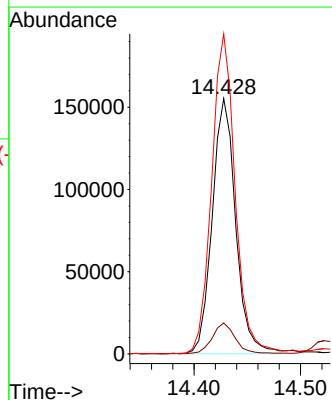
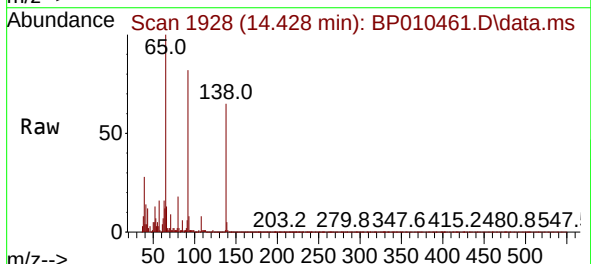
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

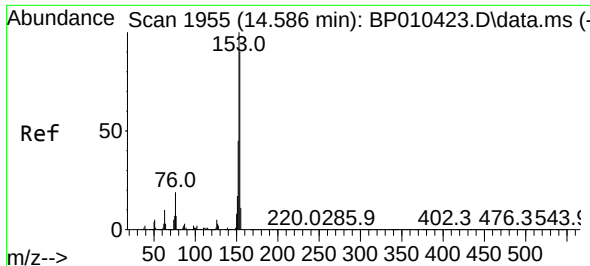
Tgt Ion:152 Resp: 1392449
Ion Ratio Lower Upper
152 100
151 19.7 18.3 27.5
153 12.9 11.0 16.6



#51
3-Nitroaniline
Concen: 31.637 ng/ul
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:138 Resp: 237219
Ion Ratio Lower Upper
138 100
108 12.2 15.8 23.8#
92 125.3 117.1 175.7

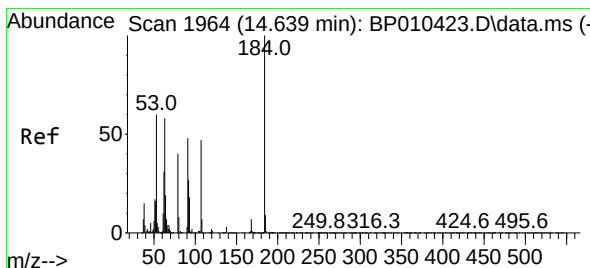
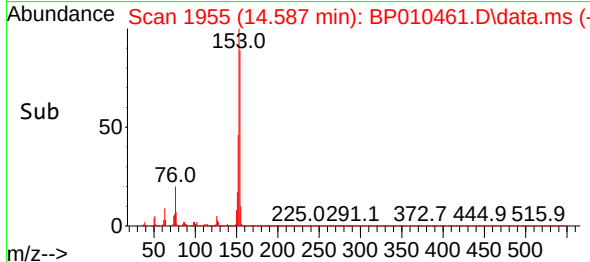
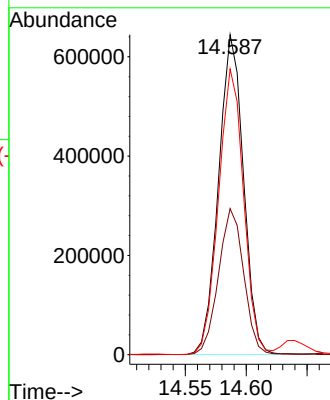
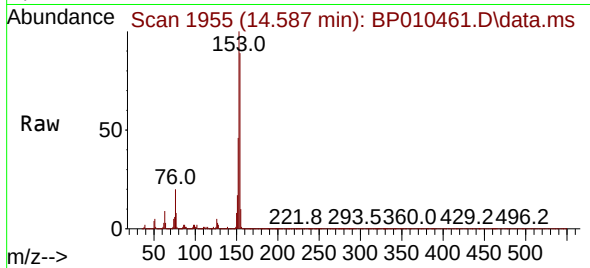




#52
Acenaphthene
Concen: 28.582 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

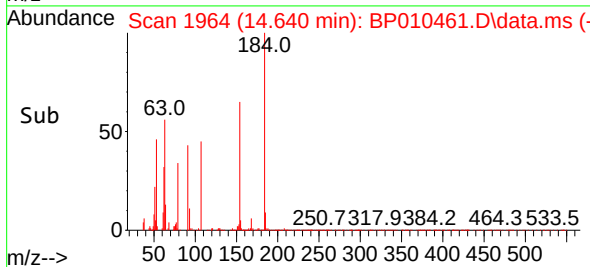
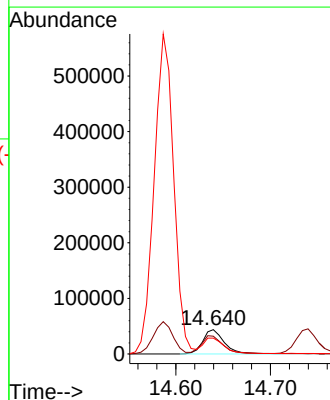
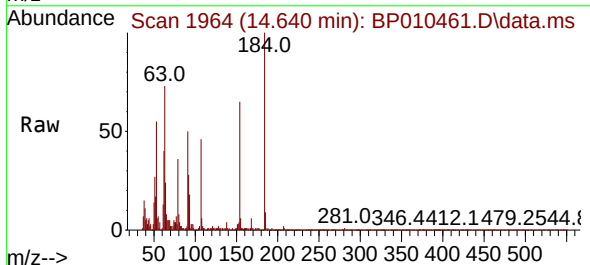
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

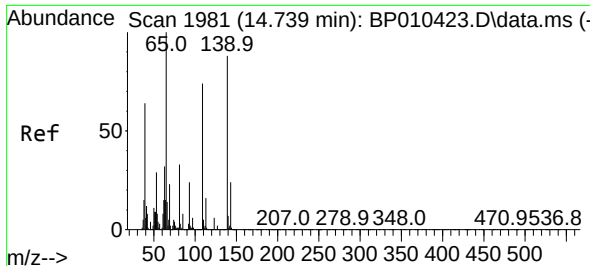
Tgt Ion:153 Resp: 919230
Ion Ratio Lower Upper
153 100
152 45.6 34.3 51.5
154 89.3 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 15.424 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:184 Resp: 68795
Ion Ratio Lower Upper
184 100
63 72.6 34.6 52.0#
154 65.2 57.7 86.5

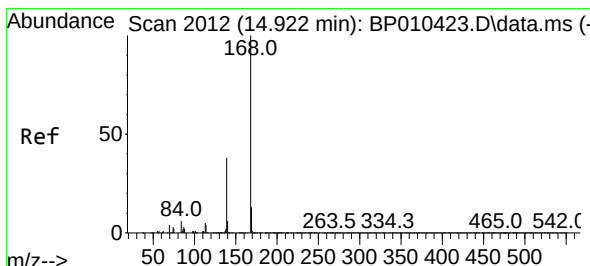
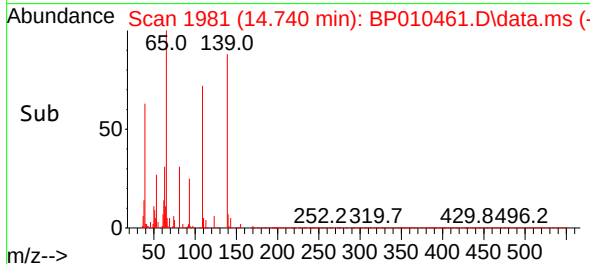
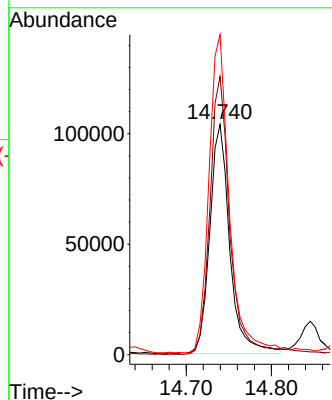
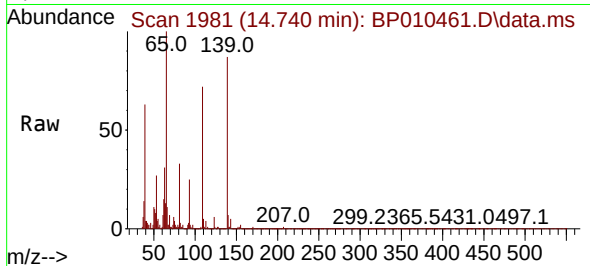




#55
4-Nitrophenol
Concen: 27.068 ng/ul
RT: 14.740 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

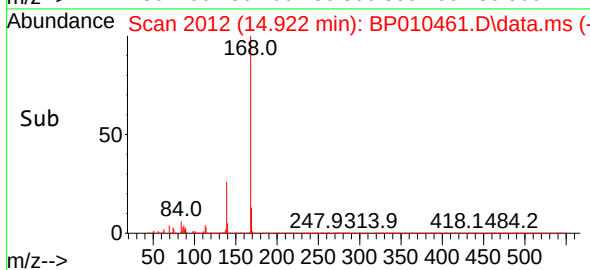
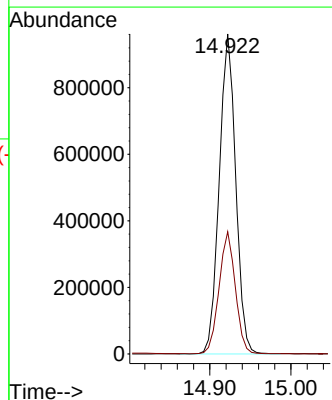
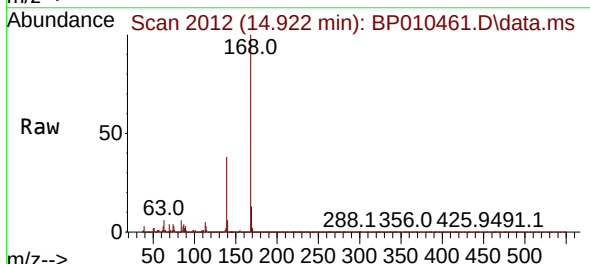
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

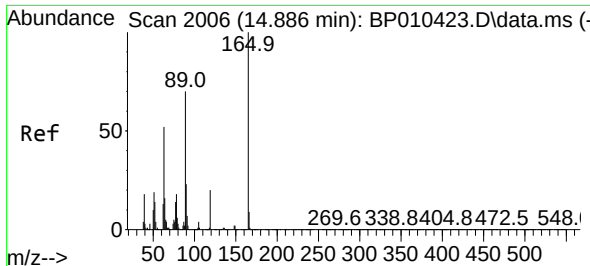
Tgt Ion:109 Resp: 169260
Ion Ratio Lower Upper
109 100
139 120.8 61.4 92.2#
65 138.9 65.3 97.9#



#56
Dibenzofuran
Concen: 28.812 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:168 Resp: 1357966
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1

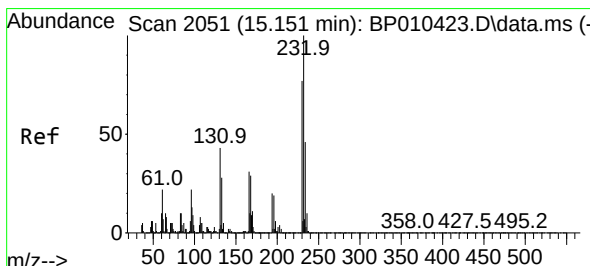
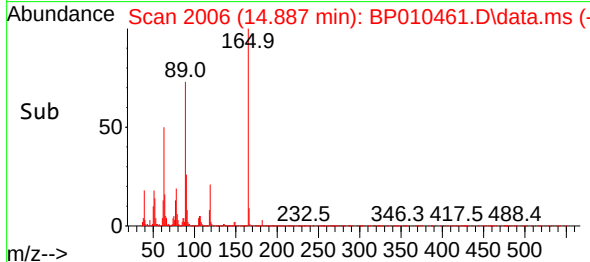
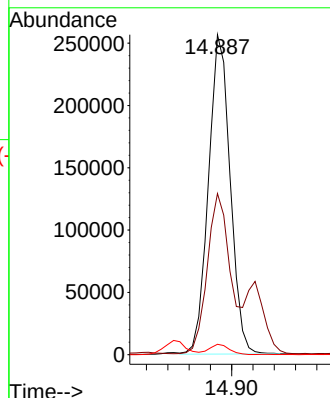
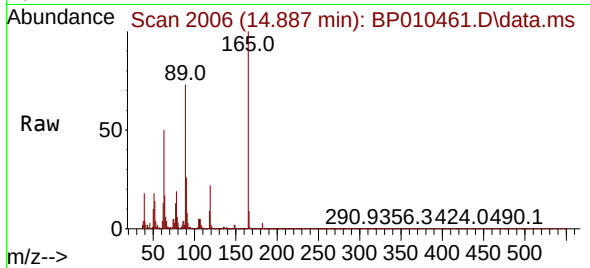




#57
2,4-Dinitrotoluene
Concen: 31.647 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

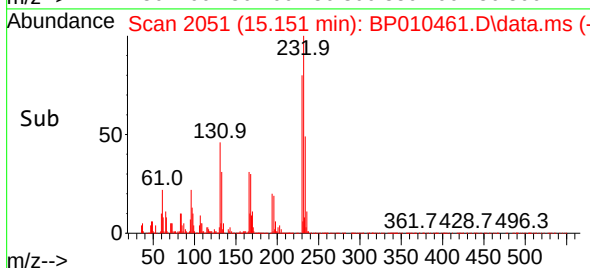
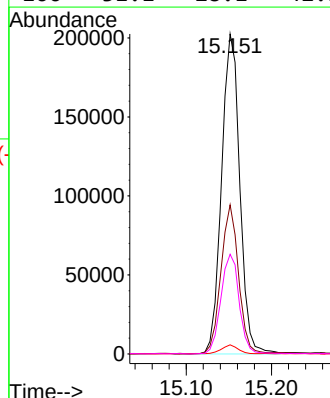
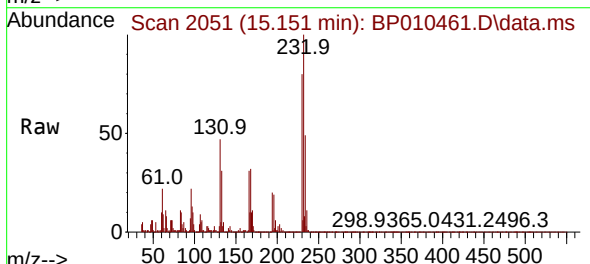
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

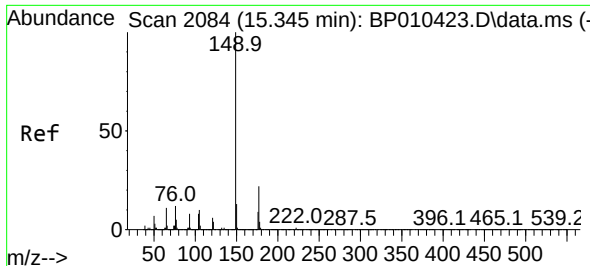
Tgt Ion:165 Resp: 363967
Ion Ratio Lower Upper
165 100
63 50.3 29.5 44.3#
182 3.3 2.8 4.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.736 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:232 Resp: 301036
Ion Ratio Lower Upper
232 100
131 46.6 25.4 38.2#
130 2.8 4.2 6.2#
166 31.1 28.1 42.1

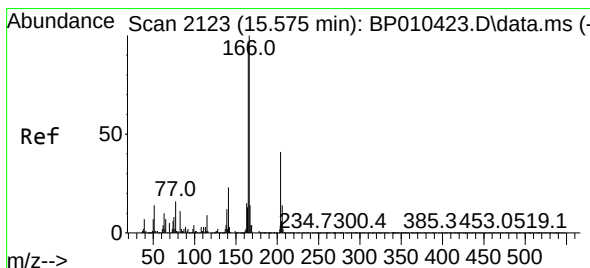
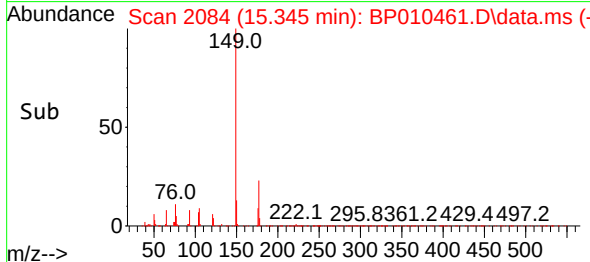
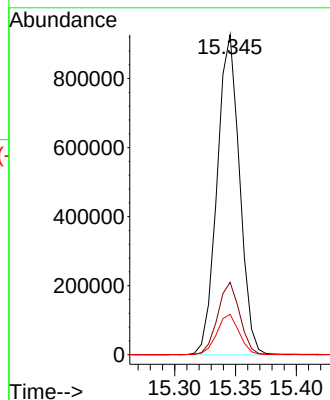
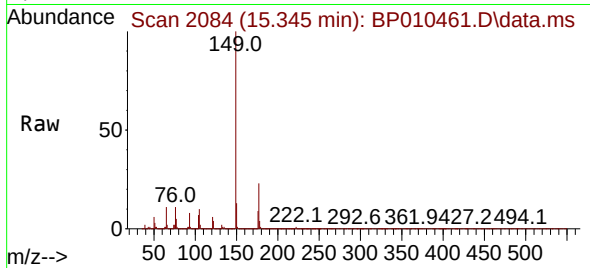




#59
Diethylphthalate
Concen: 29.782 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

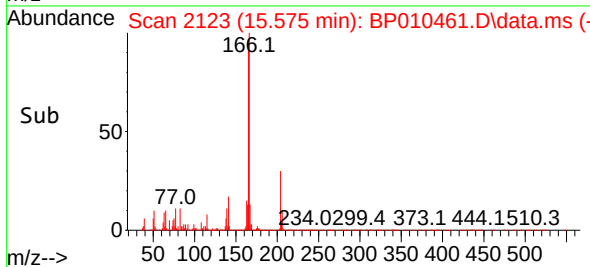
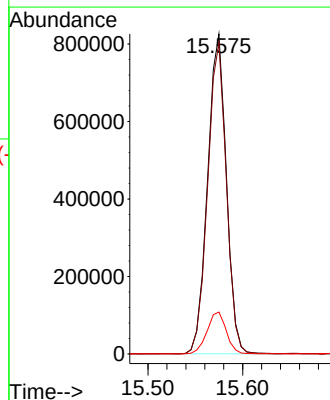
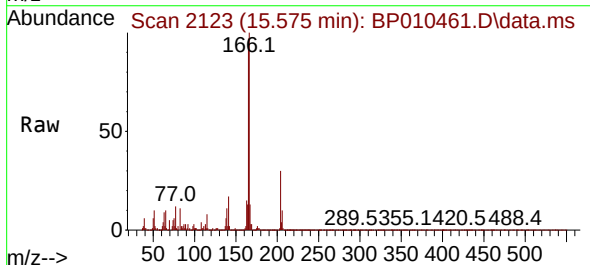
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

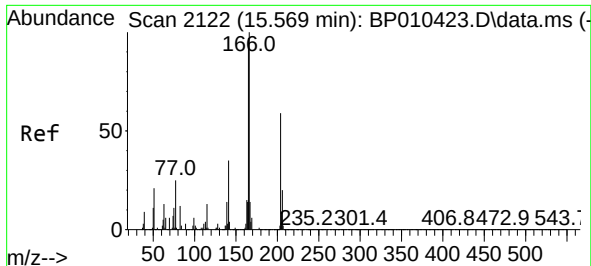
Tgt Ion:149 Resp: 1190968
Ion Ratio Lower Upper
149 100
177 22.6 22.0 33.0
150 12.6 10.2 15.2



#61
Fluorene
Concen: 29.563 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:166 Resp: 1139498
Ion Ratio Lower Upper
166 100
165 97.2 70.3 105.5
167 13.1 9.5 14.3

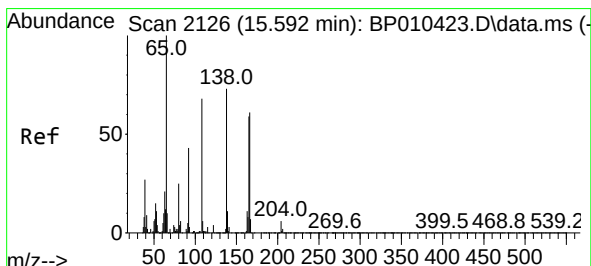
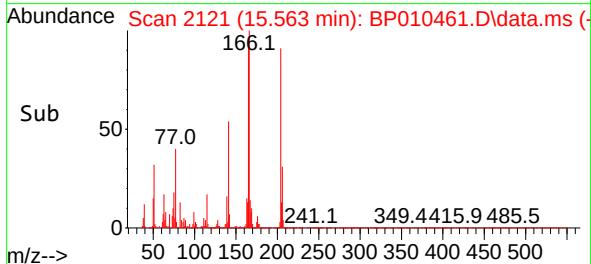
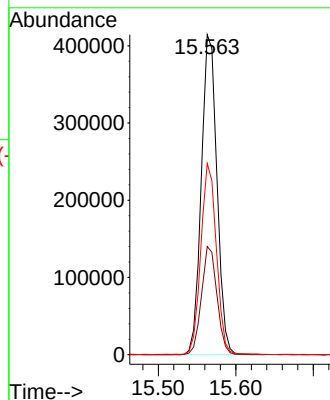
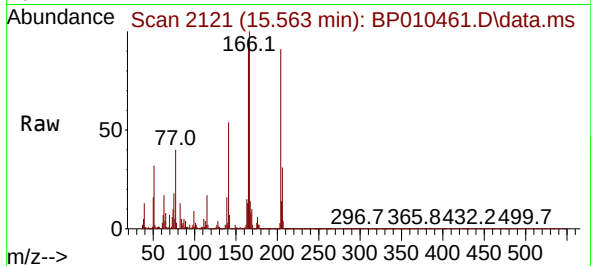




#62
4-Chlorophenyl-phenylether
Concen: 28.871 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

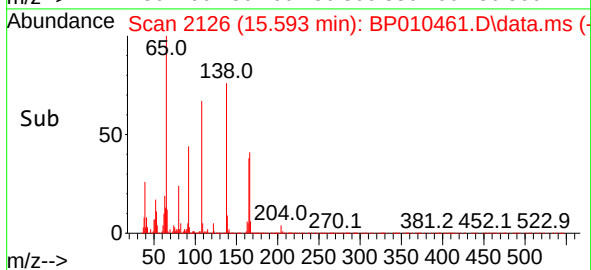
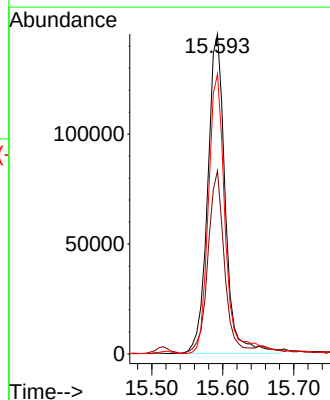
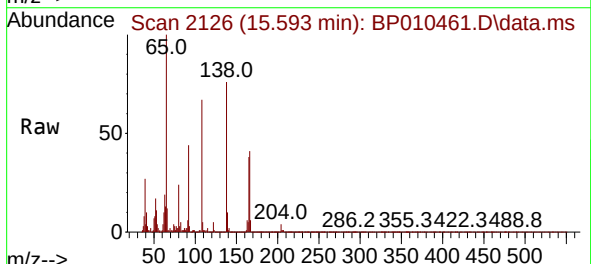
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

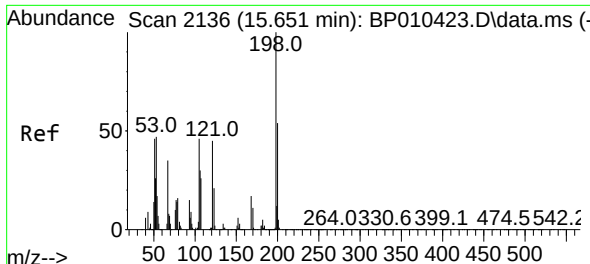
Tgt Ion:204 Resp: 578861
Ion Ratio Lower Upper
204 100
206 33.8 27.6 41.4
141 59.7 46.6 69.8



#63
4-Nitroaniline
Concen: 33.746 ng/ul
RT: 15.593 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:138 Resp: 249841
Ion Ratio Lower Upper
138 100
92 57.3 41.6 62.4
108 87.5 97.6 146.4#

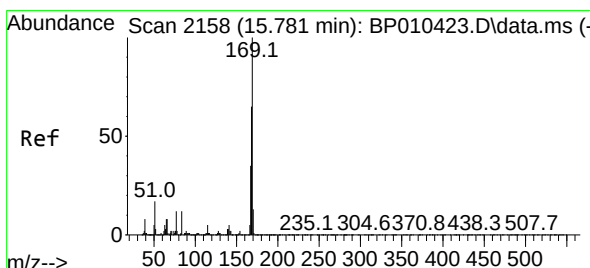
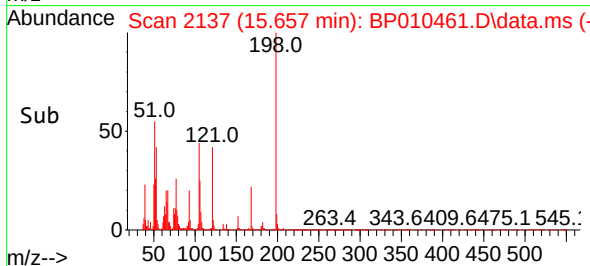
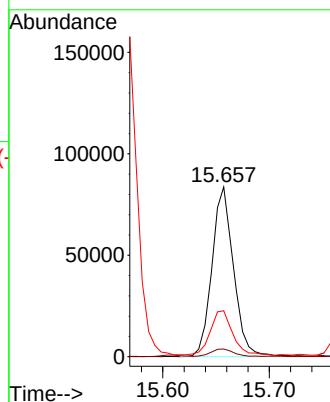
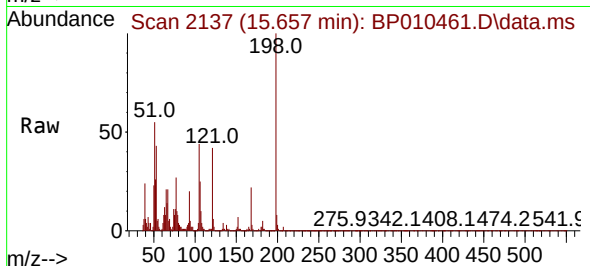




#66
4,6-Dinitro-2-methylphenol
Concen: 17.962 ng/ul
RT: 15.657 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

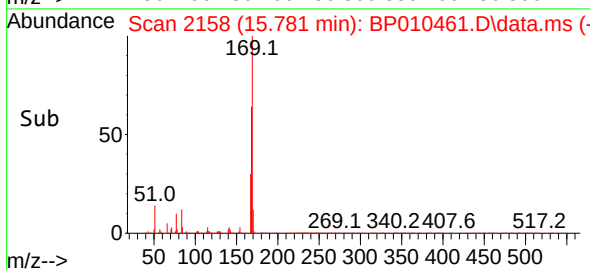
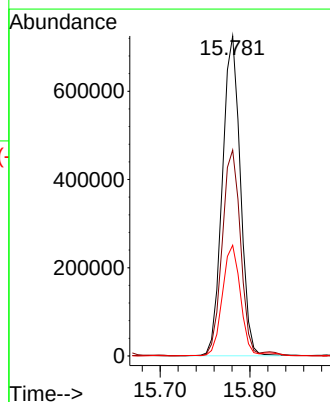
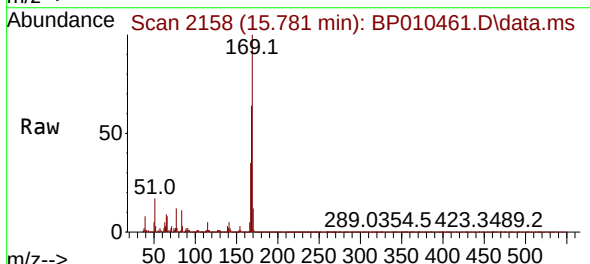
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

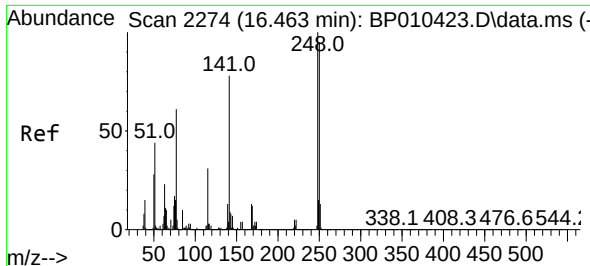
Tgt Ion:198 Resp: 117403
Ion Ratio Lower Upper
198 100
182 4.6 6.0 9.0#
77 27.0 17.7 26.5#



#67
N-Nitrosodiphenylamine
Concen: 32.073 ng/ul
RT: 15.781 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:169 Resp: 1007994
Ion Ratio Lower Upper
169 100
168 64.3 48.3 72.5
167 34.6 29.6 44.4

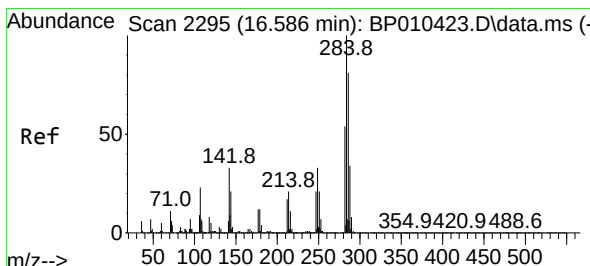
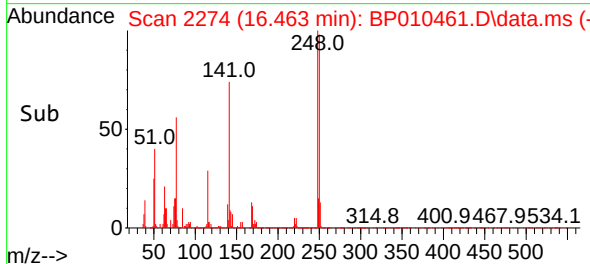
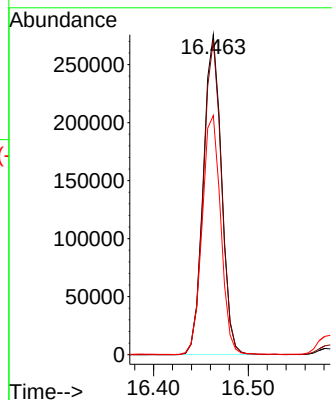
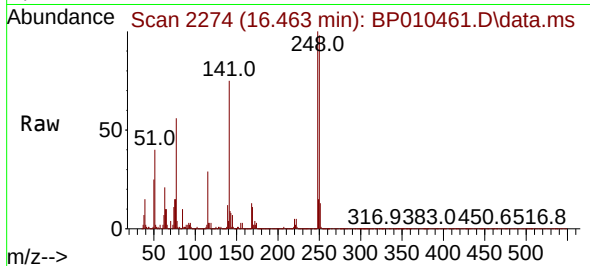




#68
4-Bromophenyl-phenylether
Concen: 31.785 ng/ul
RT: 16.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

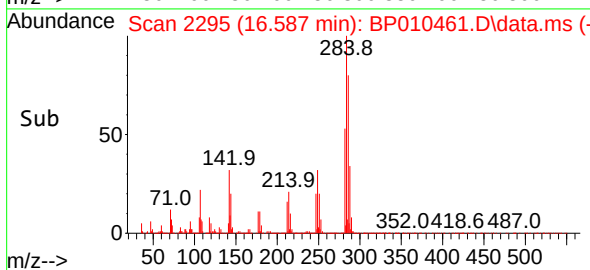
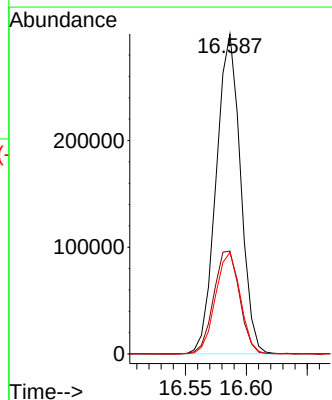
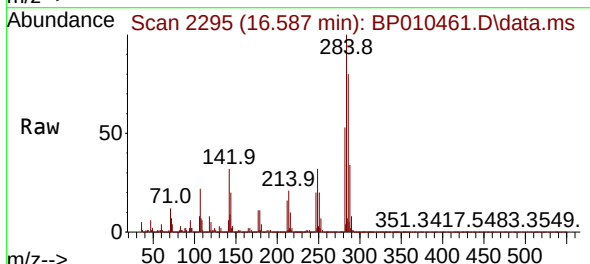
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

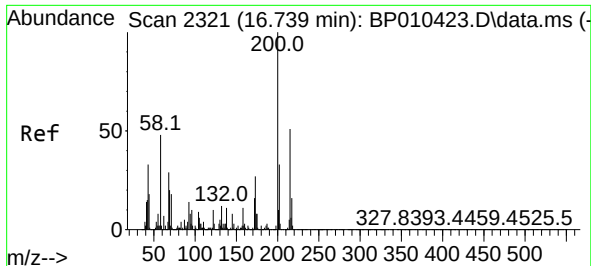
Tgt Ion:248 Resp: 366847
Ion Ratio Lower Upper
248 100
250 98.3 79.4 119.0
141 74.7 67.2 100.8



#69
Hexachlorobenzene
Concen: 31.385 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:284 Resp: 416659
Ion Ratio Lower Upper
284 100
142 32.1 19.2 28.8#
249 31.7 27.4 41.2

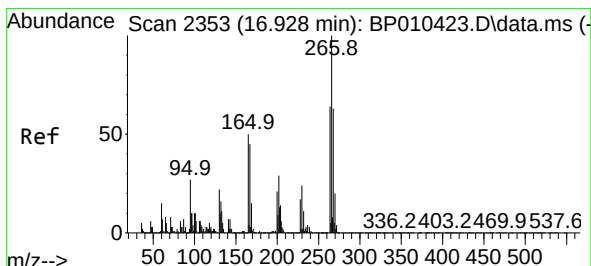
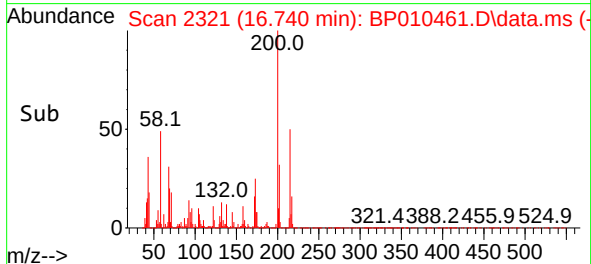
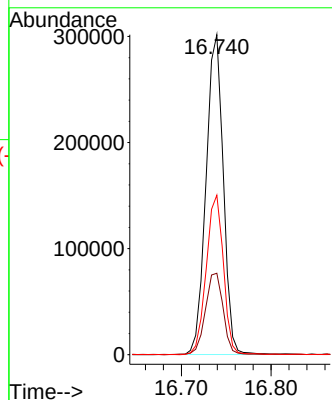
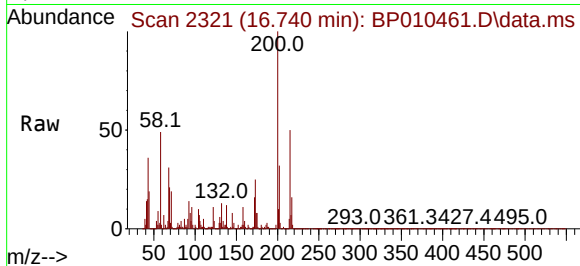




#70
Atrazine
Concen: 32.060 ng/ul
RT: 16.740 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

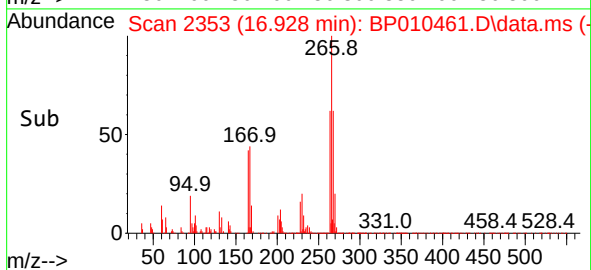
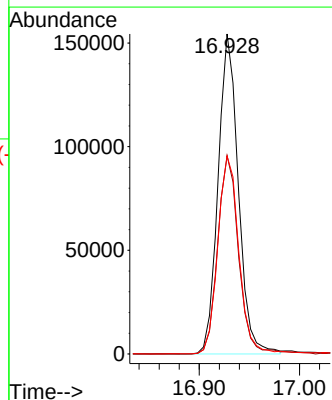
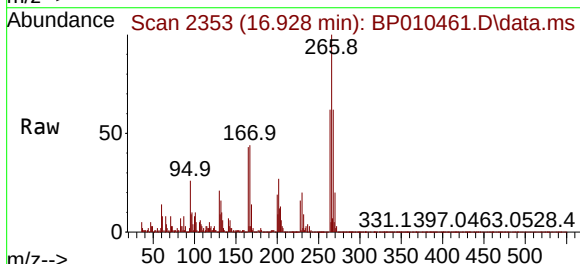
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

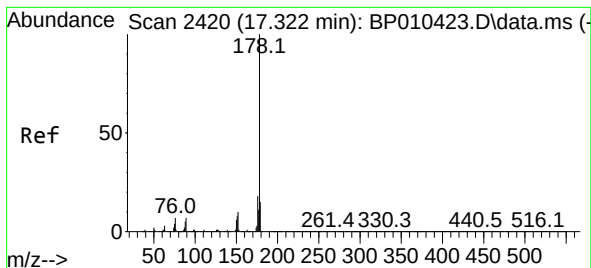
Tgt Ion:200 Resp: 403642
Ion Ratio Lower Upper
200 100
173 25.5 19.2 28.8
215 49.9 32.2 48.4#



#71
Pentachlorophenol
Concen: 25.968 ng/ul
RT: 16.928 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:266 Resp: 216313
Ion Ratio Lower Upper
266 100
264 62.0 57.3 85.9
268 61.8 65.7 98.5#





#72

Phenanthrene

Concen: 34.135 ng/ul

RT: 17.316 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP010461.D

Acq: 21 May 2022 06:26

Instrument :

BNA_P

ClientSampleId :

EW4H4MS

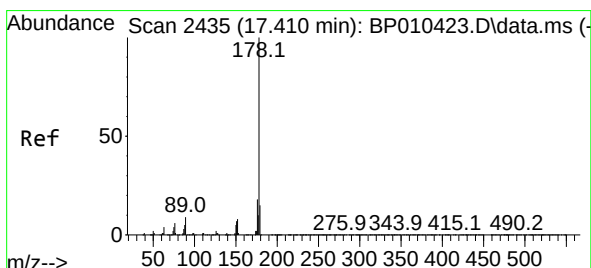
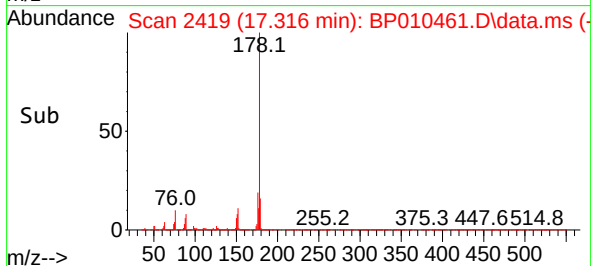
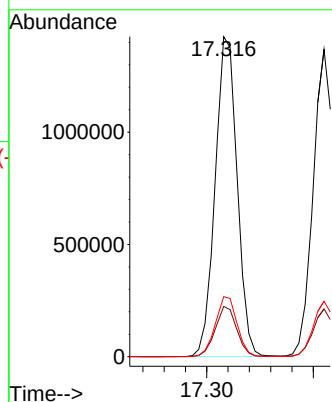
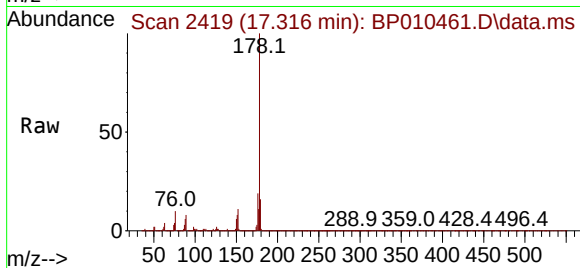
Tgt Ion:178 Resp: 2041523

Ion Ratio Lower Upper

178 100

179 15.7 11.7 17.5

176 18.8 14.5 21.7



#74

Anthracene

Concen: 31.408 ng/ul

RT: 17.410 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP010461.D

Acq: 21 May 2022 06:26

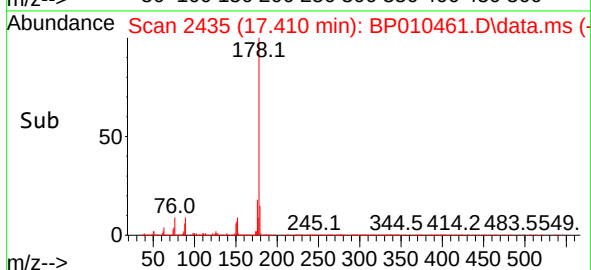
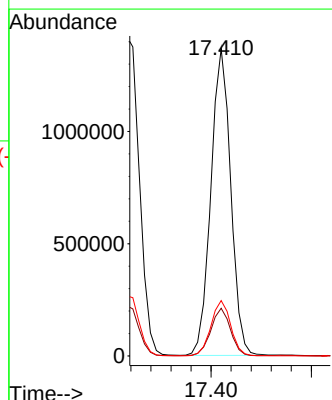
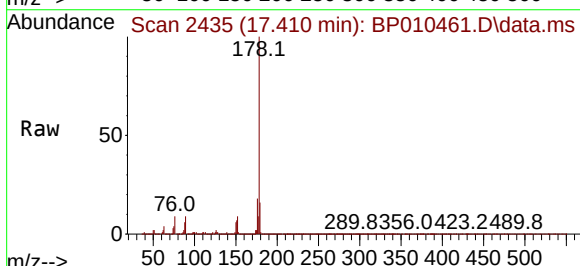
Tgt Ion:178 Resp: 1884421

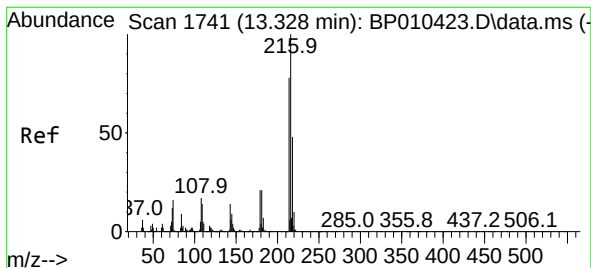
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.0 13.4 20.2

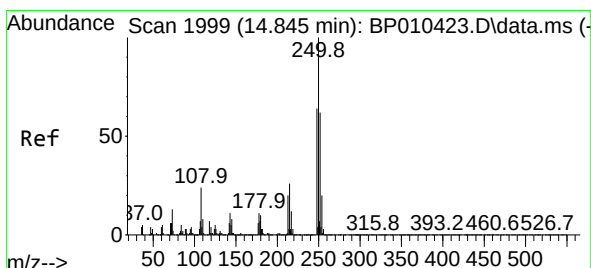
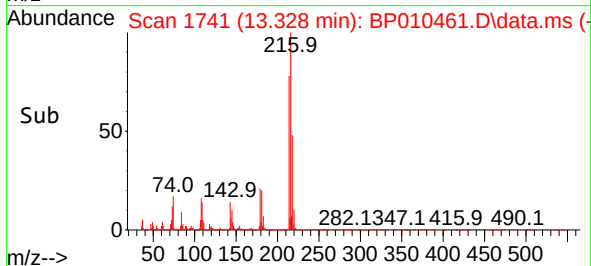
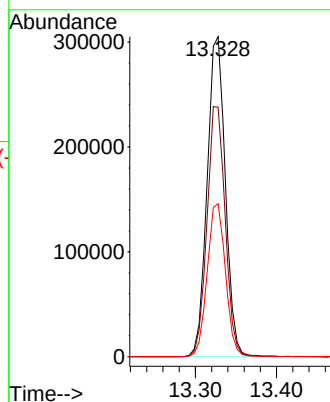
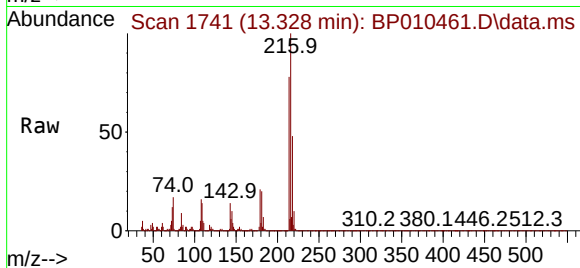




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.839 ng/uL
RT: 13.328 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

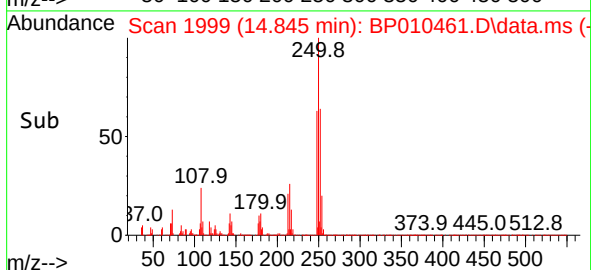
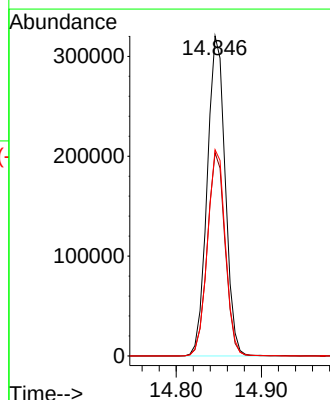
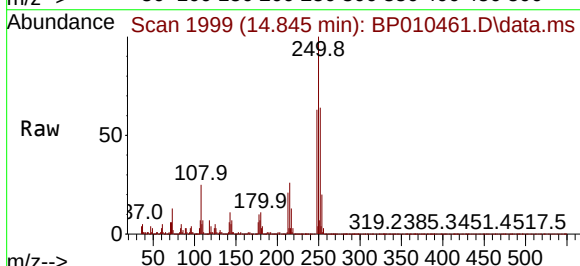
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

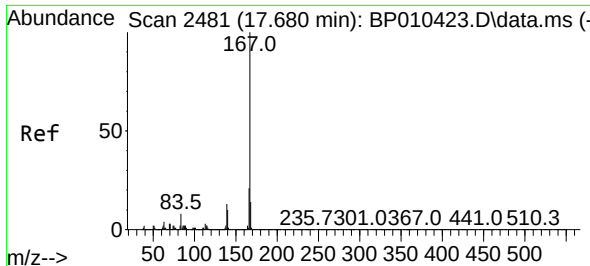
Tgt Ion:216 Resp: 474125
Ion Ratio Lower Upper
216 100
214 78.0 50.4 75.6#
218 47.8 35.2 52.8



#76
Pentachlorobenzene
Concen: 30.373 ng/uL
RT: 14.845 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:250 Resp: 469353
Ion Ratio Lower Upper
250 100
248 63.5 43.5 65.3
252 64.5 46.5 69.7

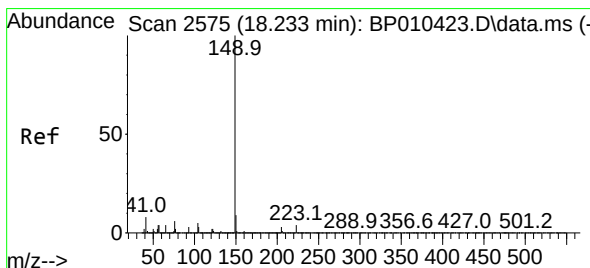
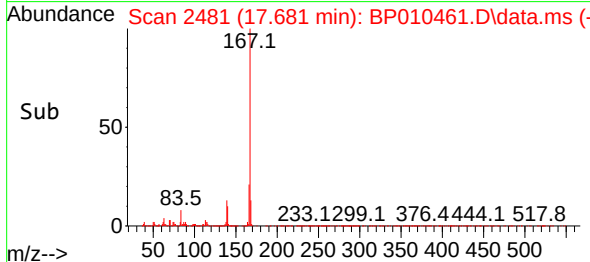
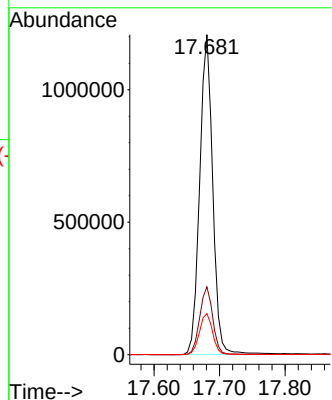
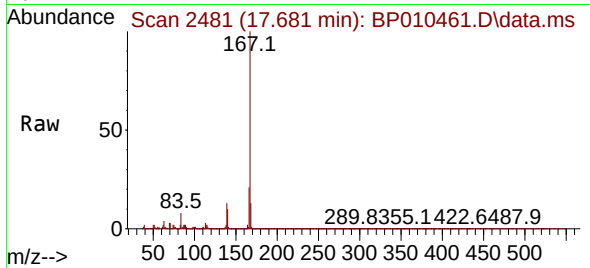




#77
 Carbazole
 Concen: 31.778 ng/ul
 RT: 17.681 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BP010461.D
 Acq: 21 May 2022 06:26

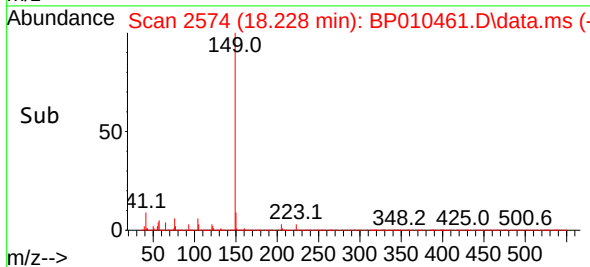
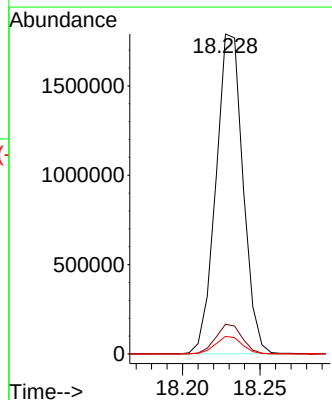
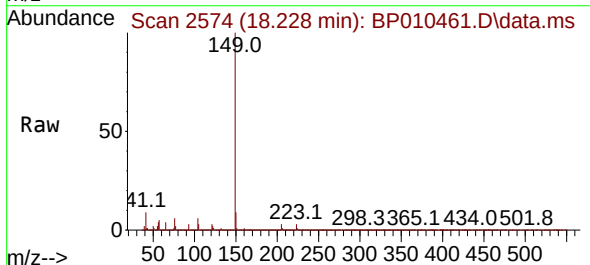
Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MS

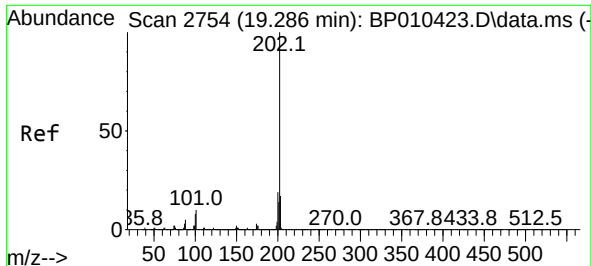
Tgt Ion:167 Resp: 1675605
 Ion Ratio Lower Upper
 167 100
 166 21.2 15.8 23.8
 139 12.9 8.3 12.5#



#78
 Di-n-butylphthalate
 Concen: 33.864 ng/ul
 RT: 18.228 min Scan# 2574
 Delta R.T. -0.012 min
 Lab File: BP010461.D
 Acq: 21 May 2022 06:26

Tgt Ion:149 Resp: 2174803
 Ion Ratio Lower Upper
 149 100
 150 9.3 9.6 14.4#
 104 5.5 6.2 9.4#

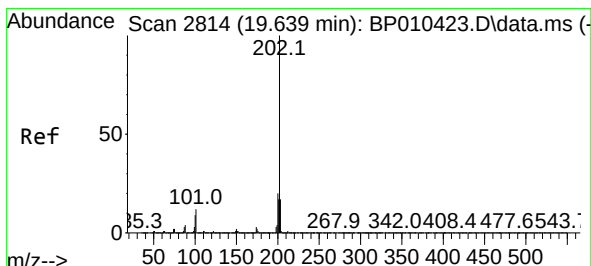
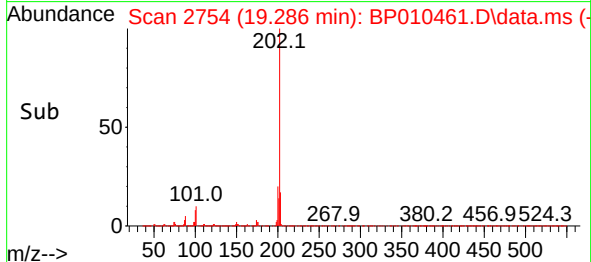
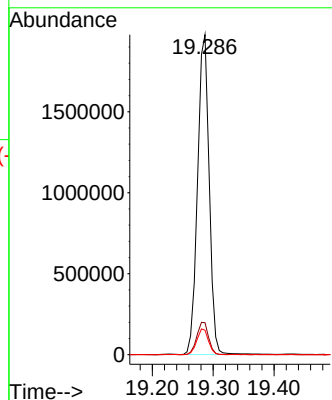
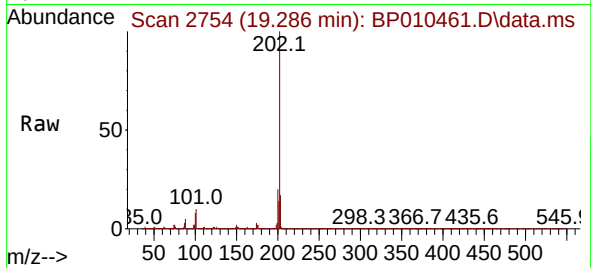




#80
Fluoranthene
Concen: 45.877 ng/u1
RT: 19.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

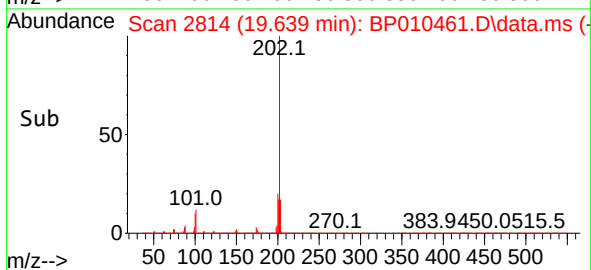
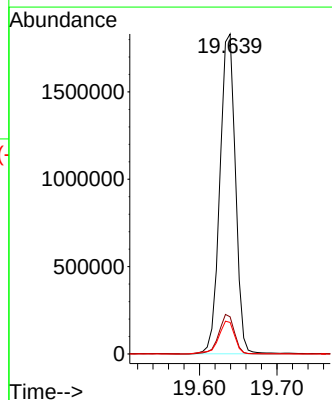
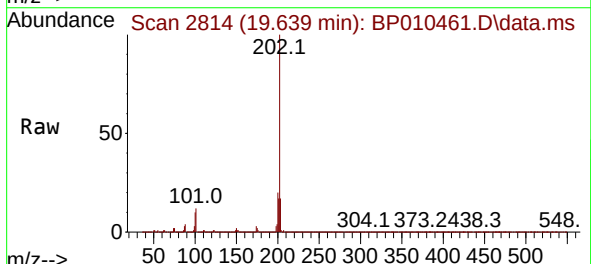
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

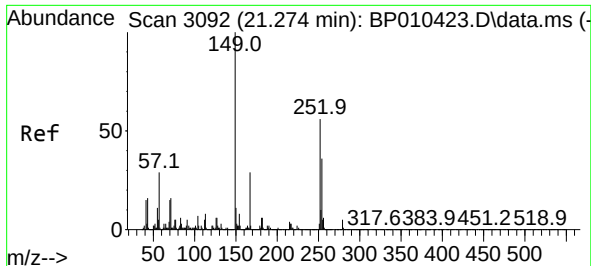
Tgt Ion:202 Resp: 2622224
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 7.6 6.3 9.5



#82
Pyrene
Concen: 42.809 ng/u1
RT: 19.639 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:202 Resp: 2553457
Ion Ratio Lower Upper
202 100
101 11.6 10.6 15.8
100 9.9 9.8 14.6

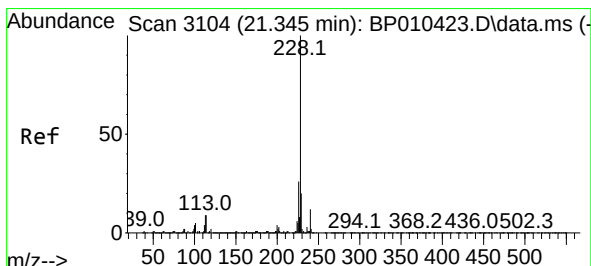
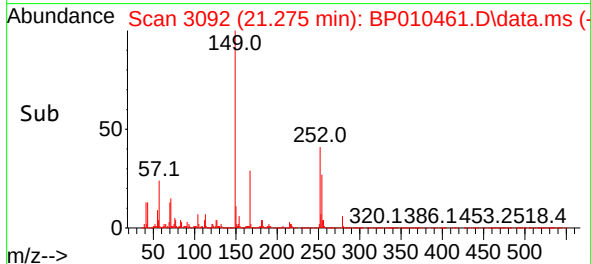
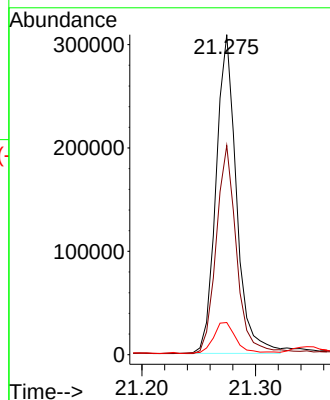
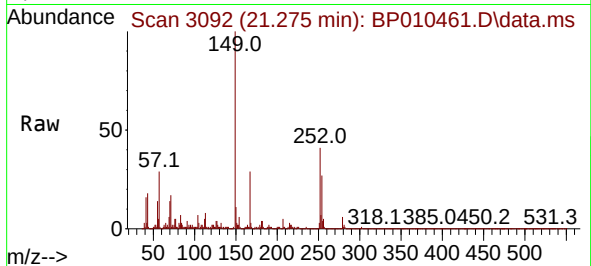




#84
3,3'-Dichlorobenzidine
Concen: 20.690 ng/ul
RT: 21.275 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

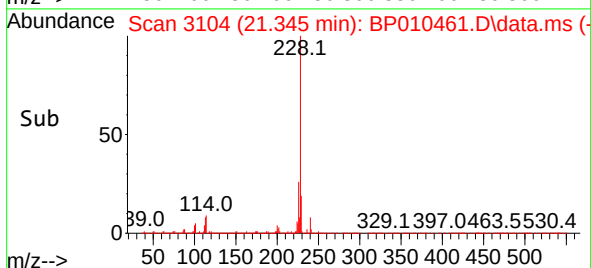
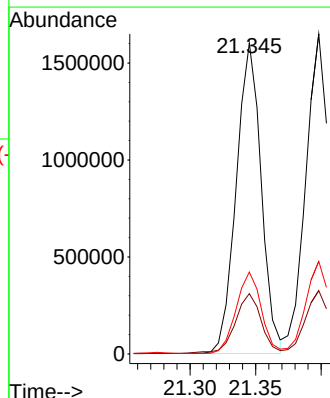
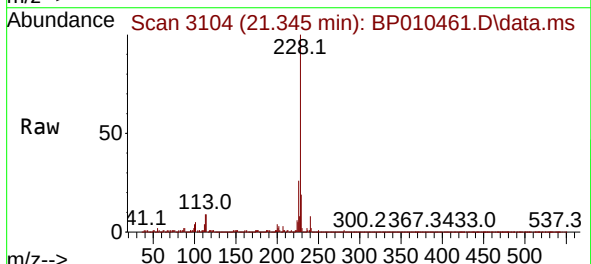
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

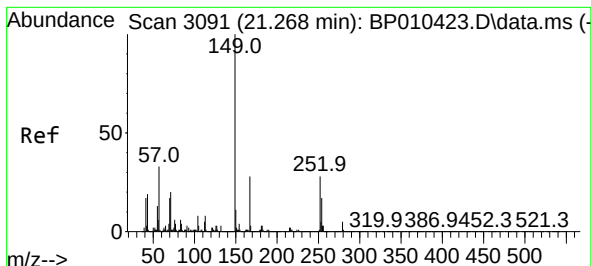
Tgt Ion:252 Resp: 385126
Ion Ratio Lower Upper
252 100
254 65.4 49.8 74.6
126 10.0 4.3 6.5#



#85
Benzo(a)anthracene
Concen: 36.547 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:228 Resp: 2116613
Ion Ratio Lower Upper
228 100
229 19.4 18.2 27.2
226 26.4 22.8 34.2

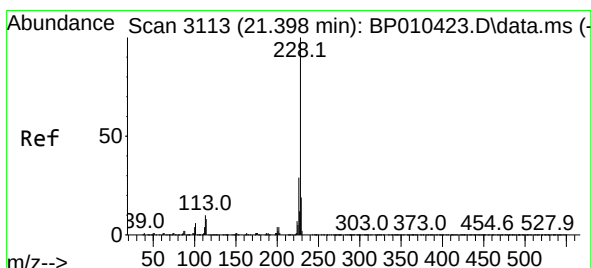
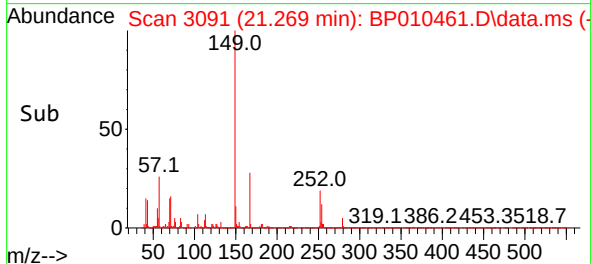
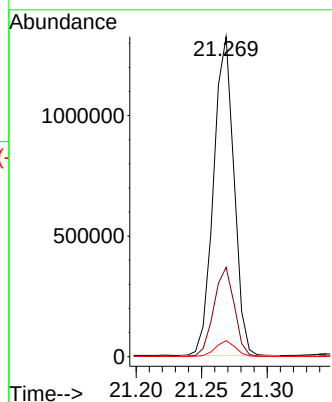
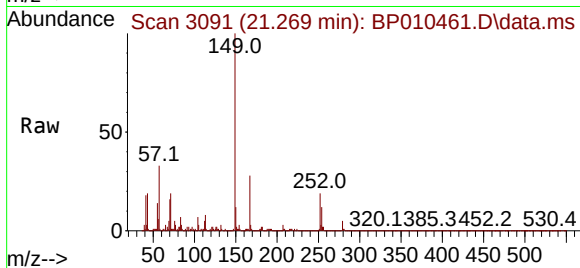




#86
Bis(2-ethylhexyl)phthalate
Concen: 40.840 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

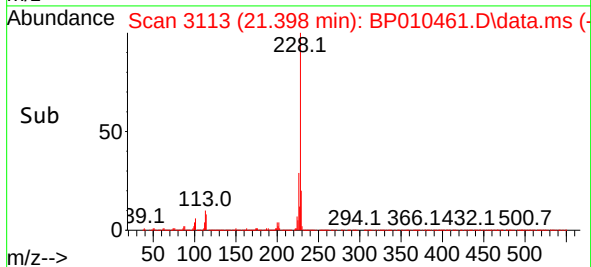
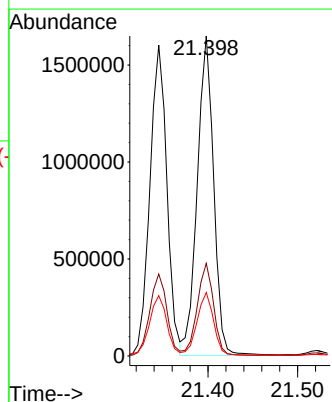
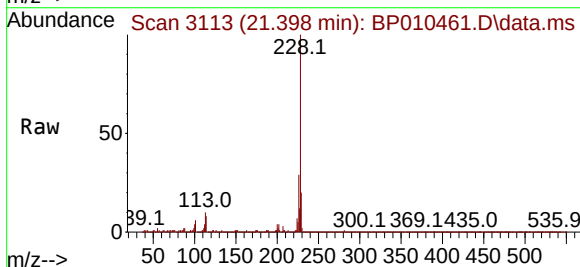
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

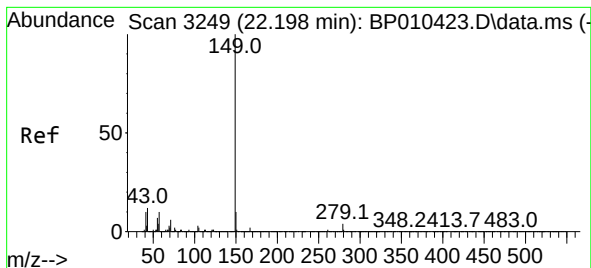
Tgt Ion:149 Resp: 1429419
Ion Ratio Lower Upper
149 100
167 27.9 32.8 49.2#
279 5.0 5.6 8.4#



#87
Chrysene
Concen: 36.820 ng/ul
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:228 Resp: 2097527
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 19.8 15.2 22.8





#89

Di-n-octyl phthalate

Concen: 39.655 ng/ul

RT: 22.198 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP010461.D

Acq: 21 May 2022 06:26

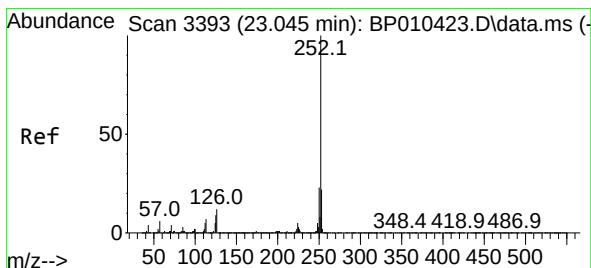
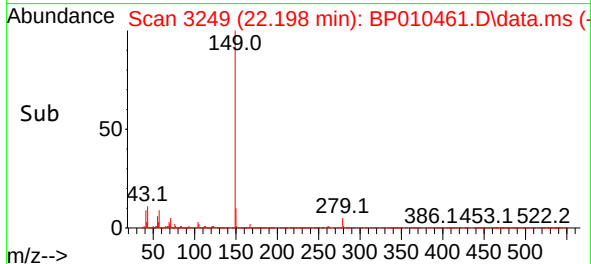
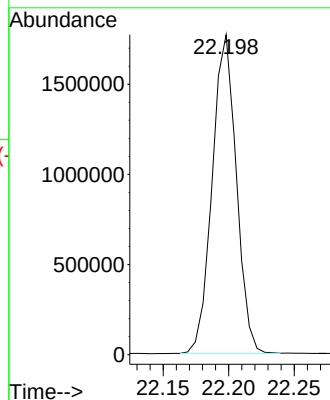
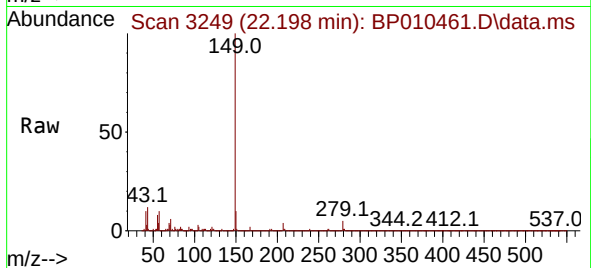
Instrument :

BNA_P

ClientSampleId :

EW4H4MS

Tgt Ion:149 Resp: 2263103



#90

Benzo(b)fluoranthene

Concen: 39.333 ng/ul

RT: 23.051 min Scan# 3394

Delta R.T. 0.000 min

Lab File: BP010461.D

Acq: 21 May 2022 06:26

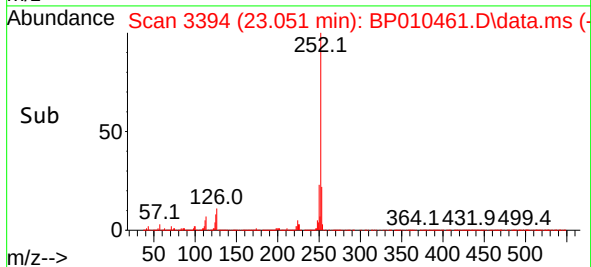
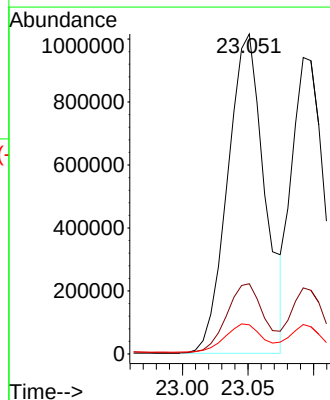
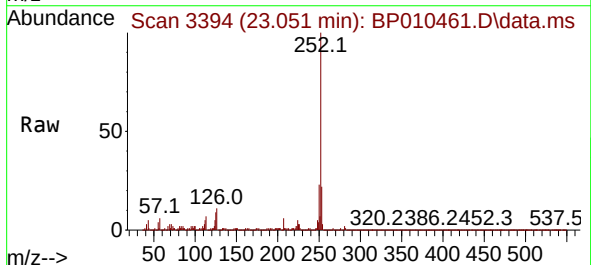
Tgt Ion:252 Resp: 1994458

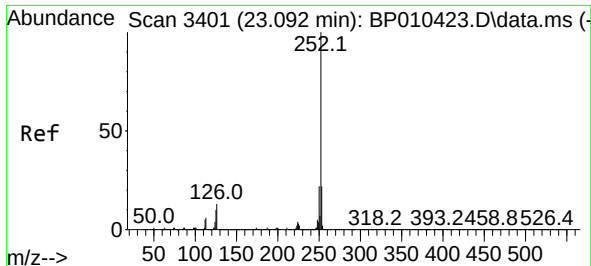
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.1 7.3 10.9

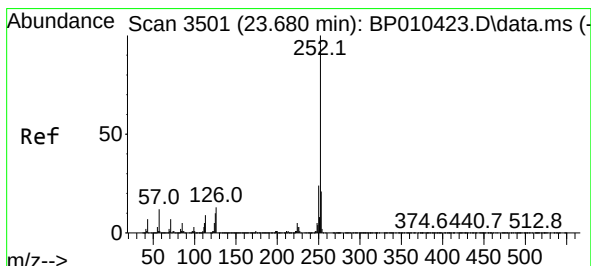
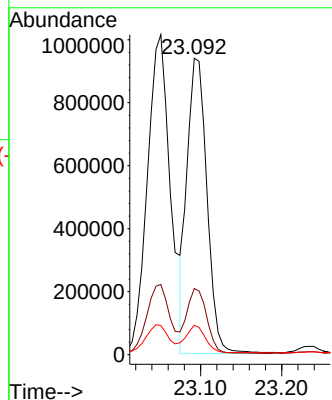
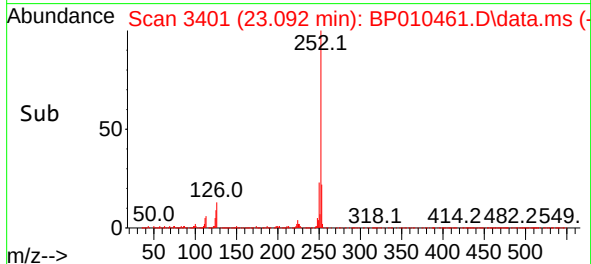
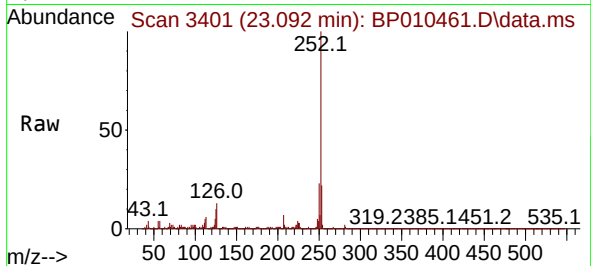




#91
Benzo(k)fluoranthene
Concen: 33.329 ng/ul
RT: 23.092 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

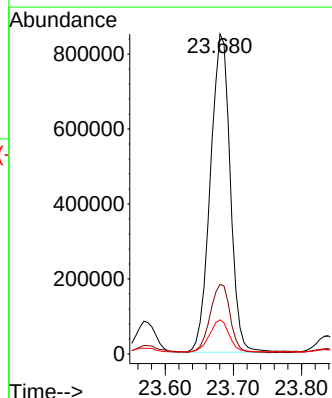
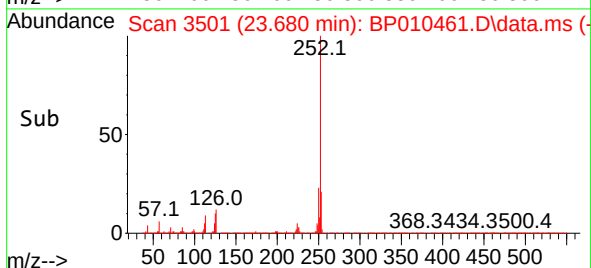
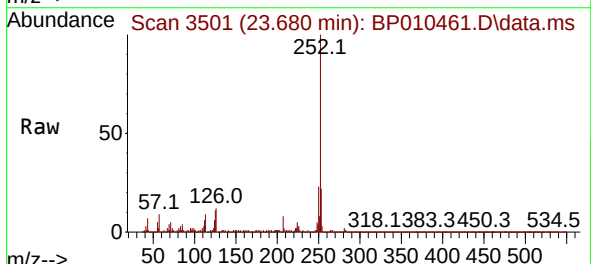
Instrument :
BNA_P
ClientSampleId :
EW4H4MS

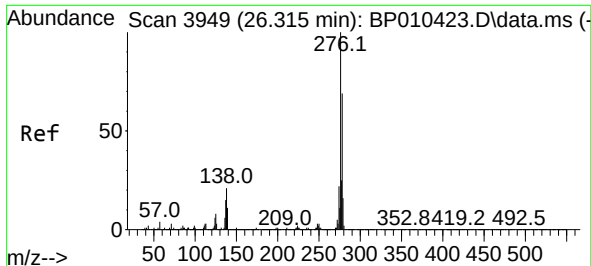
Tgt Ion:252 Resp: 1606202
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.0 5.1 7.7#



#93
Benzo(a)pyrene
Concen: 36.475 ng/ul
RT: 23.680 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BP010461.D
Acq: 21 May 2022 06:26

Tgt Ion:252 Resp: 1718375
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.7 6.4 9.6#

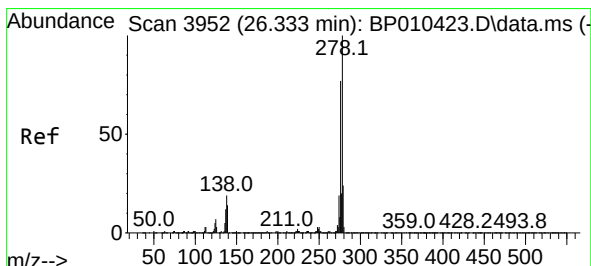
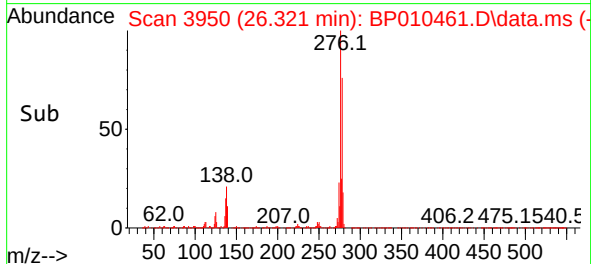
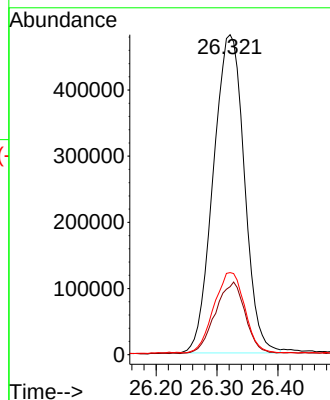
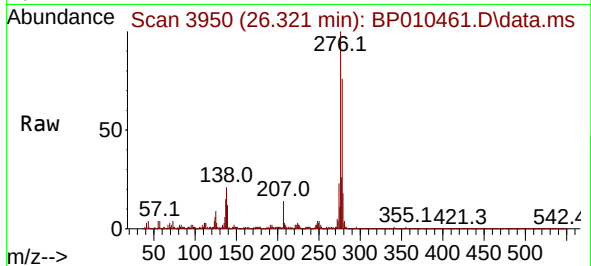




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 38.390 ng/ul
 RT: 26.321 min Scan# 3950
 Delta R.T. 0.000 min
 Lab File: BP010461.D
 Acq: 21 May 2022 06:26

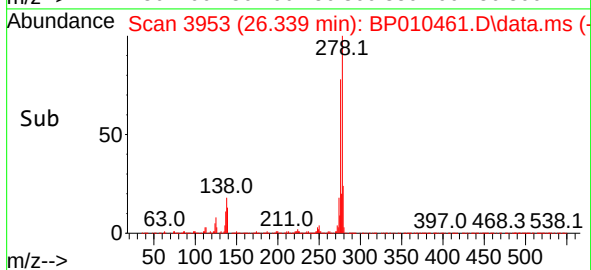
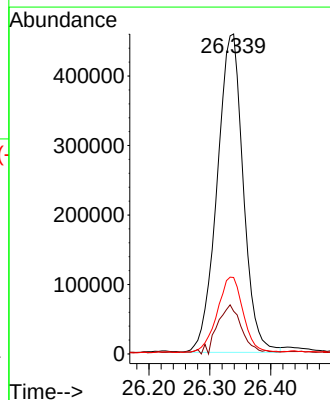
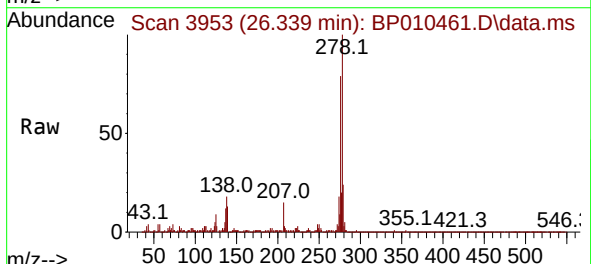
Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MS

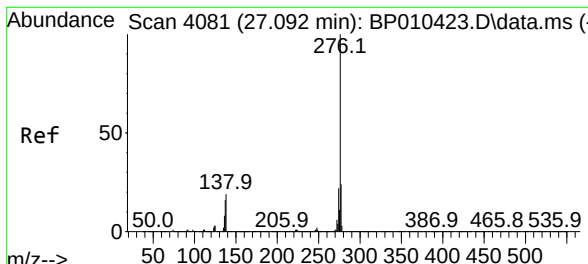
Tgt Ion:276 Resp: 1701448
 Ion Ratio Lower Upper
 276 100
 138 21.2 12.3 18.5#
 277 25.7 19.3 28.9



#95
 Dibenzo(a,h)anthracene
 Concen: 35.571 ng/ul
 RT: 26.339 min Scan# 3953
 Delta R.T. 0.006 min
 Lab File: BP010461.D
 Acq: 21 May 2022 06:26

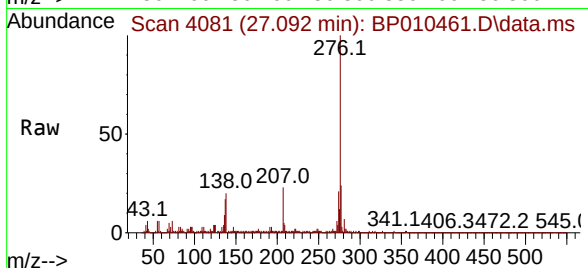
Tgt Ion:278 Resp: 1367935
 Ion Ratio Lower Upper
 278 100
 139 13.4 6.6 10.0#
 279 23.9 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 28.134 ng/ul
 RT: 27.092 min Scan# 4081
 Delta R.T. 0.000 min
 Lab File: BP010461.D
 Acq: 21 May 2022 06:26

Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MS



Tgt Ion:276 Resp: 1041161
 Ion Ratio Lower Upper
 276 100
 138 19.7 11.6 17.4#
 277 23.7 15.9 23.9

