

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010406.D
 Acq On : 19 May 2022 16:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 20 00:45:24 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	103127	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	464340	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.528	164	331223	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	762923	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	854716	20.000	ng/u1	# 0.00
88) Perylene-d12	23.792	264	849703	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	19479	8.051	ng/uL	0.00
4) Pyridine-d5	3.758	84	133869	19.487	ng/u1	0.00
7) Phenol-d5	7.058	99	173146	20.004	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	7962	1.369	ng/u1	-0.14
11) 2-Chlorophenol-d4	7.428	132	139585	21.075	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	150236	20.424	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	74625	20.766	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	78312	20.563	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	148511	20.623	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	901	0.084	ng/u1	0.09
46) Dimethylphthalate-d6	13.934	166	502580	20.595	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	585258	20.792	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	83193	19.153	ng/u1	0.00
60) Fluorene-d10	15.522	176	447421	21.074	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	84595	18.960	ng/u1	0.00
73) Anthracene-d10	17.381	188	728419	21.085	ng/u1	0.00
81) Pyrene-d10	19.610	212	908472	20.014	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	900253	21.100	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	20931	8.351	ng/uL#	8
5) Pyridine	3.781	79	137188	19.216	ng/u1#	25
6) Benzaldehyde	7.034	77	114589	25.043	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.316	93	148664	20.249	ng/u1#	69
12) 2-Chlorophenol	7.458	128	143621	20.771	ng/u1	95
13) 2-Methylphenol	8.340	108	144979	20.798	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	262326	21.923	ng/u1#	82
16) Acetophenone	8.716	105	241976	20.937	ng/u1#	75
17) N-Nitroso-di-n-propyla...	8.704	70	129626	20.957	ng/u1#	68
18) 4-Methylphenol	8.663	108	157879	20.492	ng/u1	95
19) Hexachloroethane	8.975	117	62508	20.786	ng/u1#	81
22) Nitrobenzene	9.093	77	196584	20.816	ng/u1#	84
23) Isophorone	9.622	82	357899	20.503	ng/u1#	97
25) 2-Nitrophenol	9.810	139	86225	20.619	ng/u1#	87
26) 2,4-Dimethylphenol	9.869	107	189102	20.841	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.104	93	213237	20.517	ng/u1#	96
29) 2,4-Dichlorophenol	10.346	162	153818	20.892	ng/u1#	83
30) Naphthalene	10.746	128	504505	20.802	ng/u1	97
32) 4-Chloroaniline	10.857	127	214338	20.171	ng/u1	97
33) Hexachlorobutadiene	11.040	225	111042	21.284	ng/u1	94
34) Caprolactam	11.628	113	50956	19.831	ng/u1#	3
35) 4-Chloro-3-methylphenol	11.981	107	183401	21.294	ng/u1#	74
36) 2-Methylnaphthalene	12.351	142	356552	20.766	ng/u1	92
37) 1-Methylnaphthalene	12.575	142	365351	21.075	ng/u1#	96

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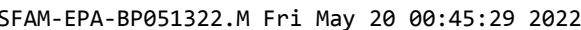
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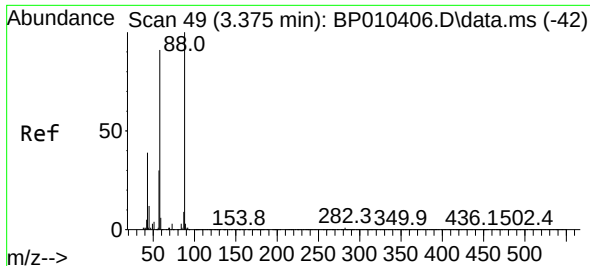
Quant Time: May 20 00:45:24 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.722	216	206964	20.476	ng/ul#	95
40) Hexachlorocyclopentadiene	12.704	237	104968	19.102	ng/ul	91
41) 2,4,6-Trichlorophenol	12.963	196	131770	20.914	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.034	196	141692	20.141	ng/ul#	87
43) 1,1'-Biphenyl	13.363	154	501083	20.611	ng/ul	92
44) 2-Chloronaphthalene	13.404	162	390480	20.795	ng/ul	93
45) 2-Nitroaniline	13.604	65	134364	21.742	ng/ul#	75
47) Dimethylphthalate	13.981	163	500913	20.693	ng/ul#	93
48) 2,6-Dinitrotoluene	14.098	165	102429	20.758	ng/ul	99
50) Acenaphthylene	14.245	152	637159	20.924	ng/ul	95
51) 3-Nitroaniline	14.428	138	95631	20.649	ng/ul#	84
52) Acenaphthene	14.592	153	417064	20.995	ng/ul	96
53) 2,4-Dinitrophenol	14.639	184	42063	15.268	ng/ul#	72
55) 4-Nitrophenol	14.739	109	80590	20.866	ng/ul#	52
56) Dibenzofuran	14.928	168	616569	21.179	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	153444	21.601	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.157	232	126211	20.863	ng/ul#	85
59) Diethylphthalate	15.345	149	522973	21.173	ng/ul#	92
61) Fluorene	15.575	166	511313	21.477	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	262387	21.187	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.657	198	85057	19.115	ng/ul#	92
67) N-Nitrosodiphenylamine	15.781	169	440905	20.607	ng/ul	93
68) 4-Bromophenyl-phenylether	16.469	248	160028	20.367	ng/ul	92
69) Hexachlorobenzene	16.586	284	183881	20.346	ng/ul#	89
70) Atrazine	16.739	200	170005	19.834	ng/ul#	90
71) Pentachlorophenol	16.933	266	105004	18.517	ng/ul	87
72) Phenanthrene	17.322	178	854849	20.996	ng/ul	99
74) Anthracene	17.416	178	862334	21.112	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	221741	19.125	ng/ul#	86
76) Pentachlorobenzene	14.851	250	214328	20.374	ng/ul	91
77) Carbazole	17.680	167	769219	21.429	ng/ul#	97
78) Di-n-butylphthalate	18.233	149	922357	21.097	ng/ul#	94
80) Fluoranthene	19.286	202	1061691	20.127	ng/ul	97
82) Pyrene	19.639	202	1109871	20.162	ng/ul#	95
83) Butylbenzylphthalate	20.510	149	453152	20.587	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.280	252	352655	20.529	ng/ul#	97
85) Benzo(a)anthracene	21.345	228	1131070	21.162	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.274	149	681811	21.108	ng/ul#	82
87) Chrysene	21.398	228	1112909	21.169	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	1180799	18.524	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1161177	20.503	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	1102289	20.478	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	1112549	21.143	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	1102909	22.280	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.333	278	936246	21.797	ng/ul#	94
96) Benzo(g,h,i)perylene	27.098	276	937744	22.687	ng/ul#	92

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

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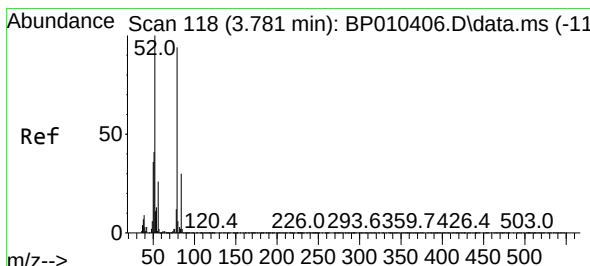
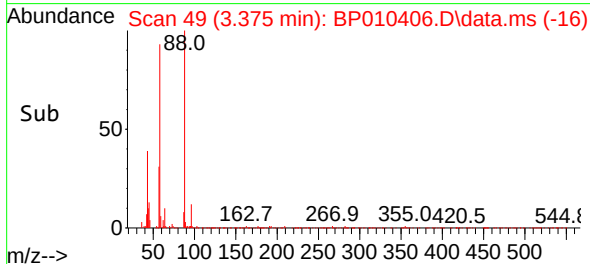
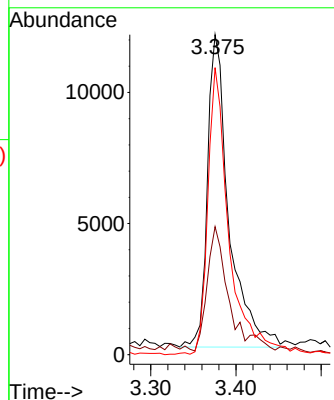
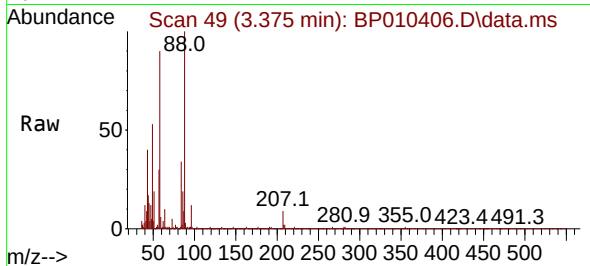




#2
1,4-Dioxane
Concen: 8.351 ng/uL
RT: 3.375 min Scan# 49
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

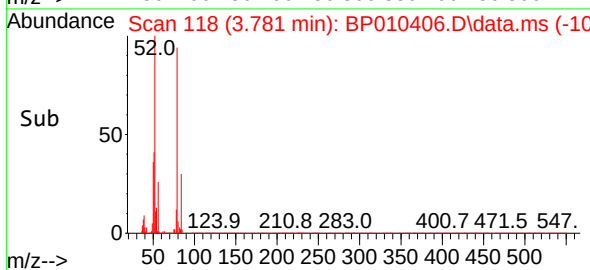
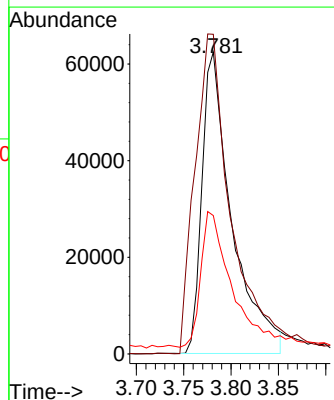
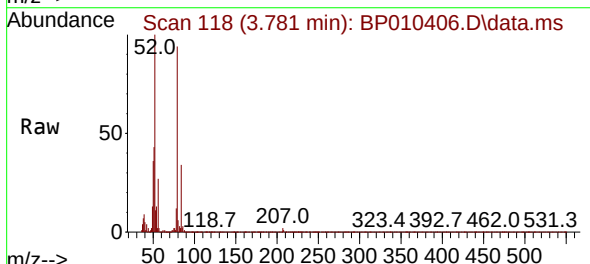
Instrument :
BNA_P
ClientSampleId :

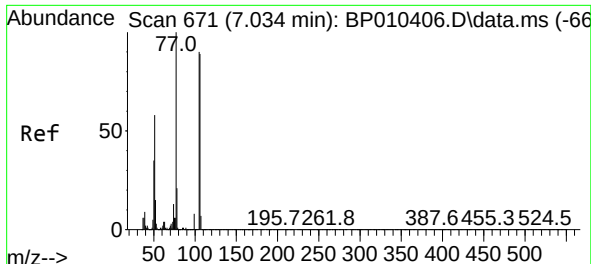
Tgt Ion: 88 Resp: 20931
Ion Ratio Lower Upper
88 100
43 40.0 6.8 10.2#
58 89.7 28.4 42.6#



#5
Pyridine
Concen: 19.216 ng/uL
RT: 3.781 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion: 79 Resp: 137188
Ion Ratio Lower Upper
79 100
52 105.9 35.5 53.3#
51 45.8 20.2 30.4#

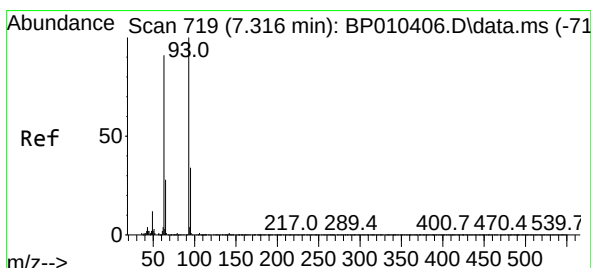
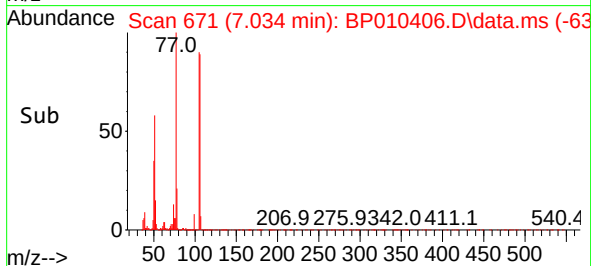
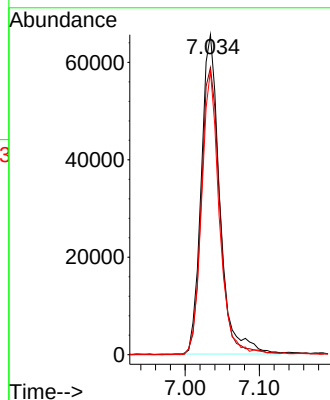
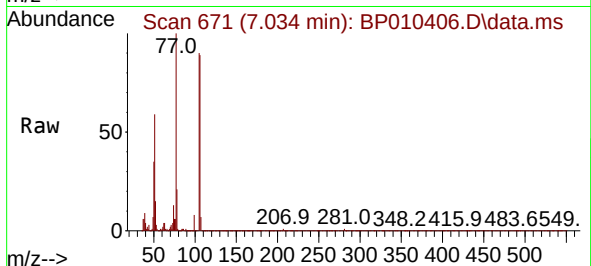




#6
Benzaldehyde
Concen: 25.043 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

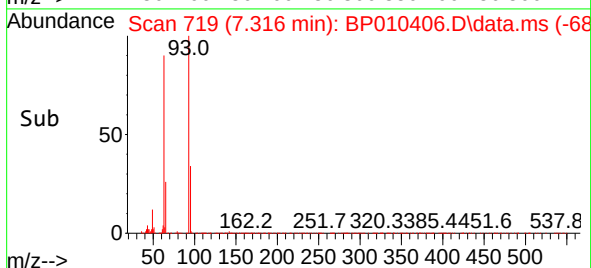
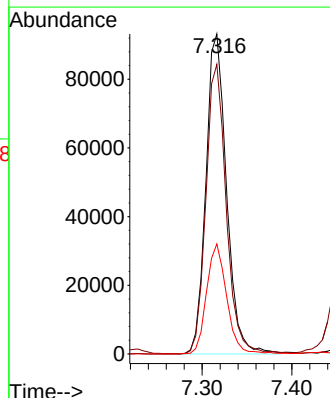
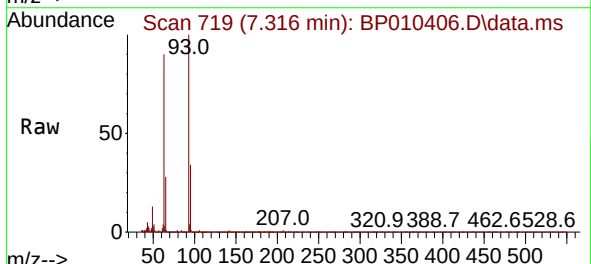
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ClientSampleId :

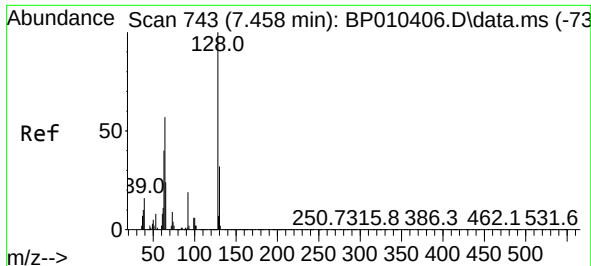
Tgt Ion: 77 Resp: 114589
Ion Ratio Lower Upper
77 100
105 89.7 77.0 115.4
106 88.8 77.0 115.4



#10
Bis(2-Chloroethyl)ether
Concen: 20.249 ng/ul
RT: 7.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion: 93 Resp: 148664
Ion Ratio Lower Upper
93 100
63 90.5 45.0 67.4#
95 34.4 26.3 39.5

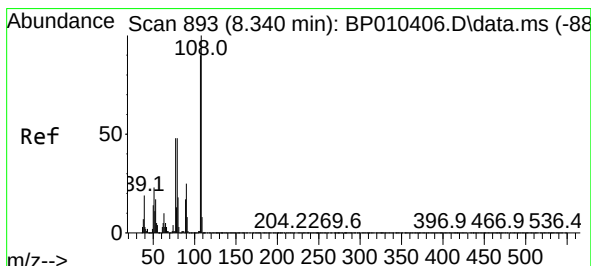
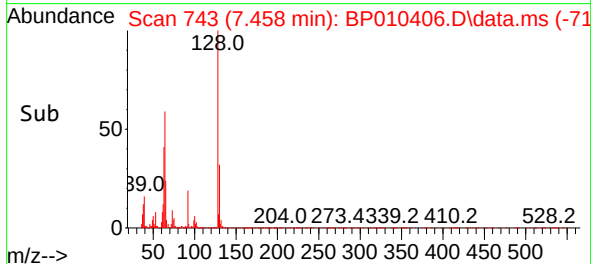
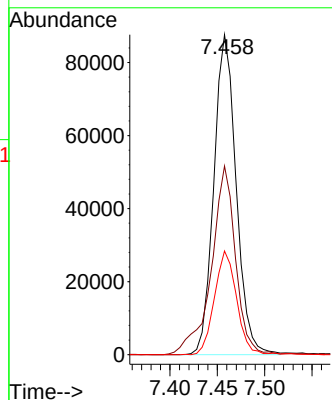
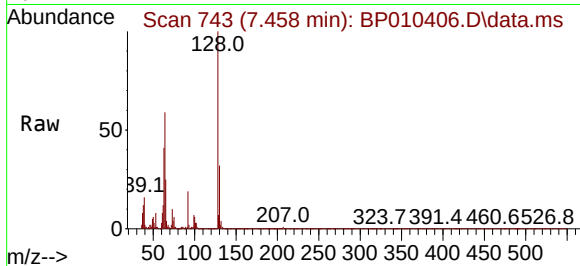




#12
2-Chlorophenol
Concen: 20.771 ng/ul
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

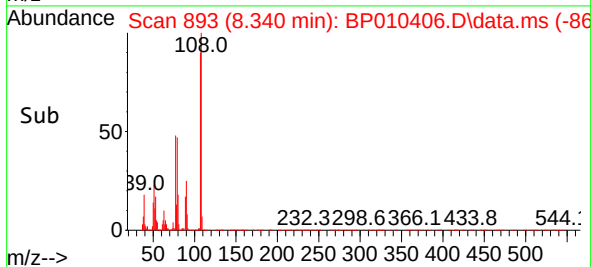
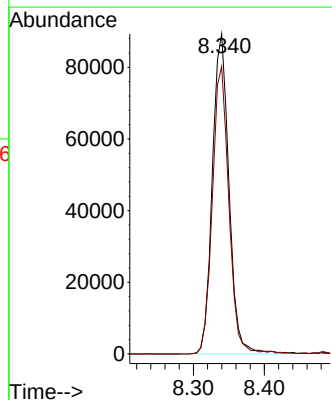
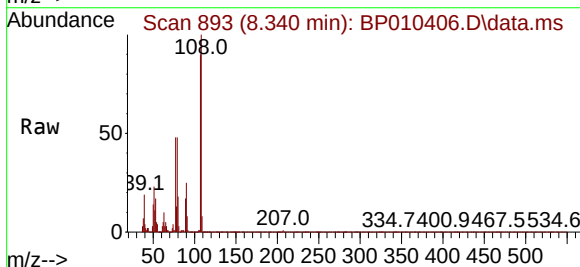
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ClientSampleId :

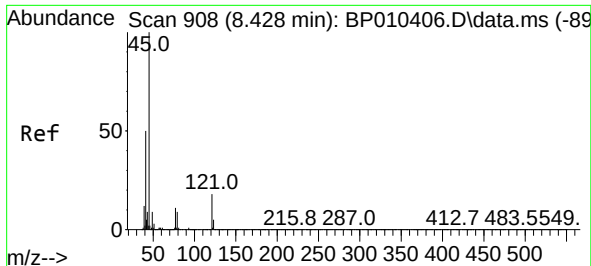
Tgt Ion:128 Resp: 143621
Ion Ratio Lower Upper
128 100
64 58.9 45.3 67.9
130 32.4 29.0 43.6



#13
2-Methylphenol
Concen: 20.798 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:108 Resp: 144979
Ion Ratio Lower Upper
108 100
107 89.8 70.8 106.2

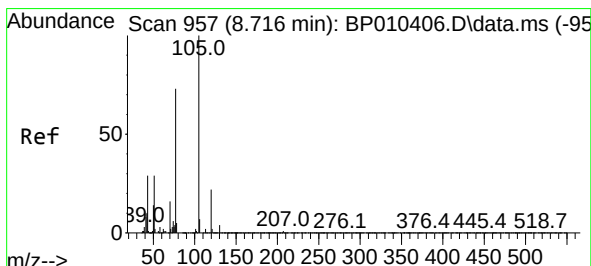
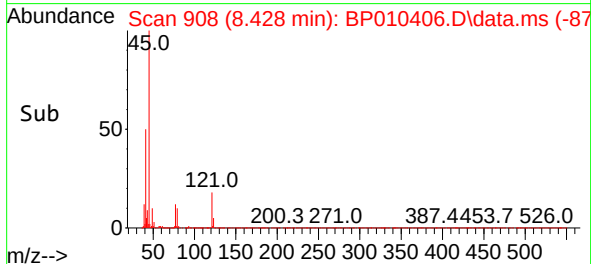
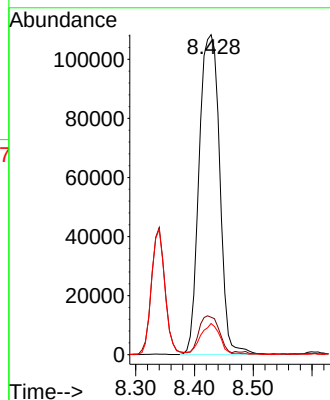
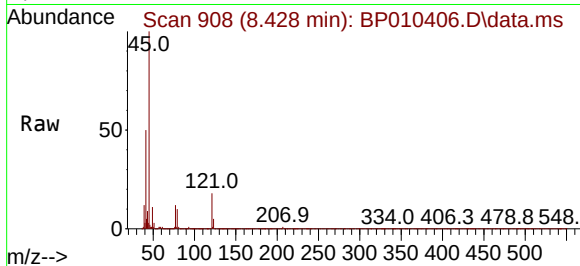




#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.923 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

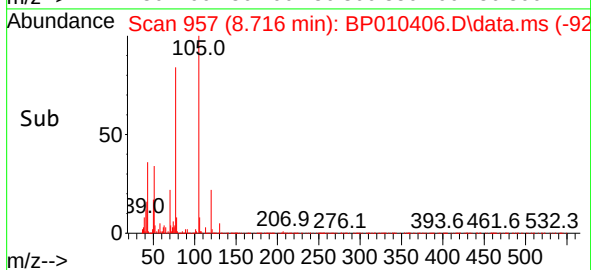
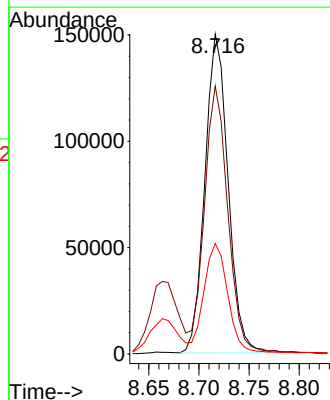
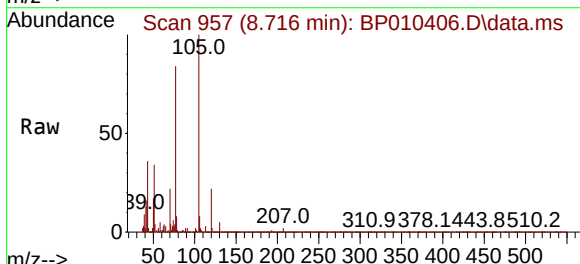
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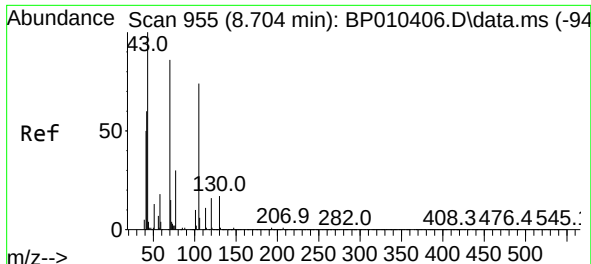
Tgt Ion: 45 Resp: 262326
Ion Ratio Lower Upper
45 100
77 11.7 17.1 25.7#
79 9.8 13.2 19.8#



#16
Acetophenone
Concen: 20.937 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion: 105 Resp: 241976
Ion Ratio Lower Upper
105 100
77 83.8 53.4 80.2#
51 34.5 13.8 20.8#

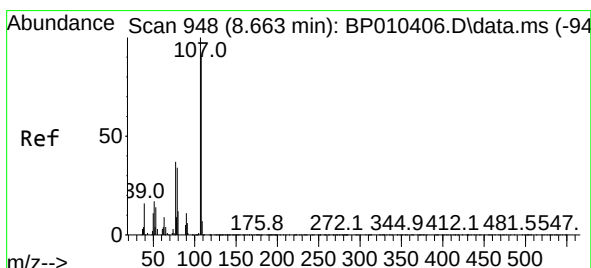
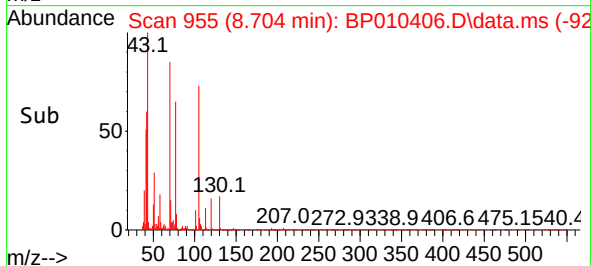
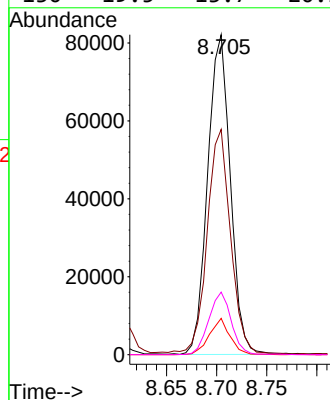
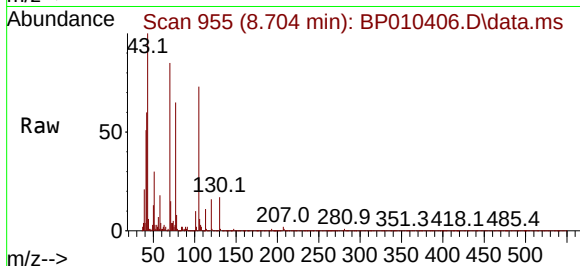




#17
N-Nitroso-di-n-propylamine
Concen: 20.957 ng/ul
RT: 8.704 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

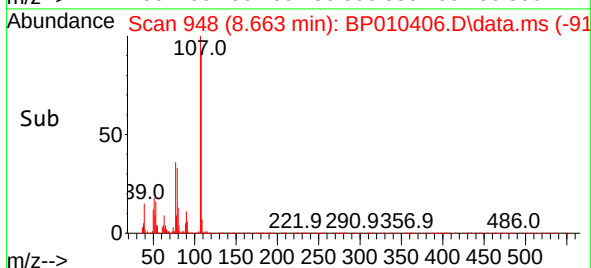
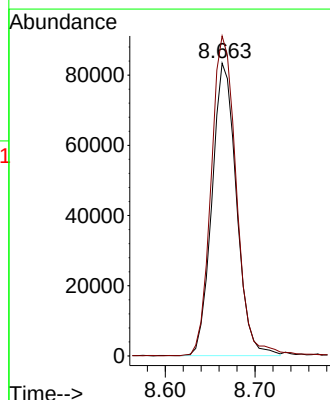
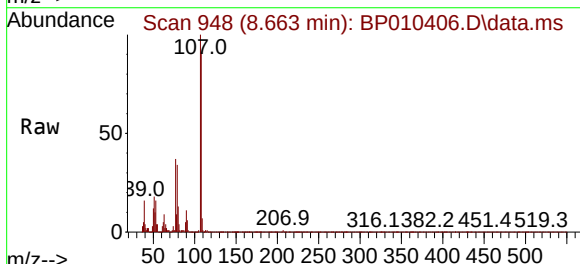
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BNA_P
ClientSampleId :

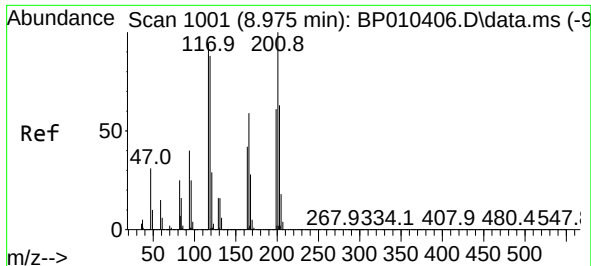
Tgt Ion: 70 Resp: 129626
Ion Ratio Lower Upper
70 100
42 70.4 31.8 47.8#
101 11.3 15.6 23.4#
130 19.5 13.7 20.5



#18
4-Methylphenol
Concen: 20.492 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion: 108 Resp: 157879
Ion Ratio Lower Upper
108 100
107 109.3 83.6 125.4

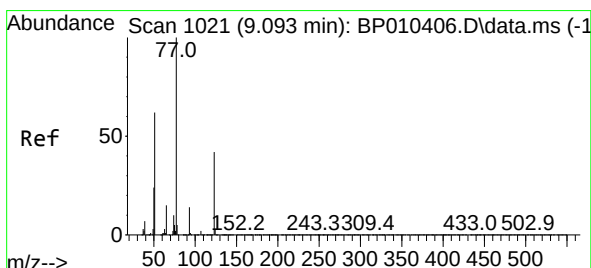
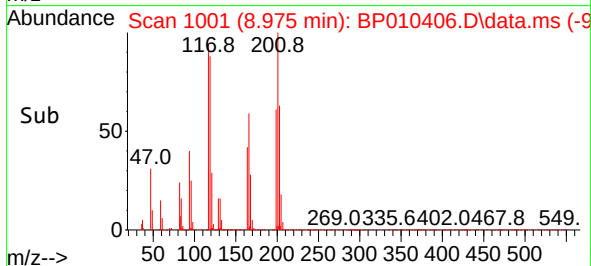
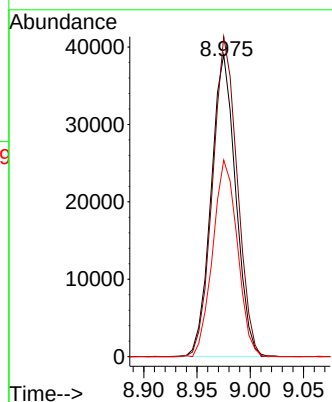
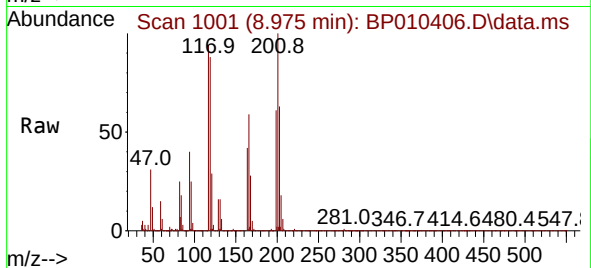




#19
Hexachloroethane
Concen: 20.786 ng/ul
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

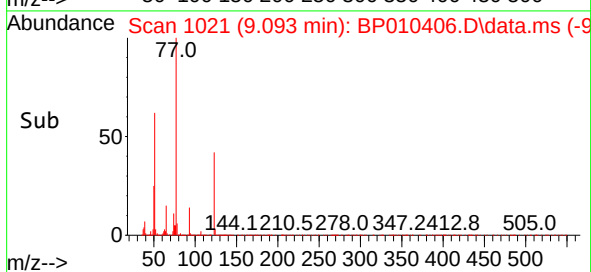
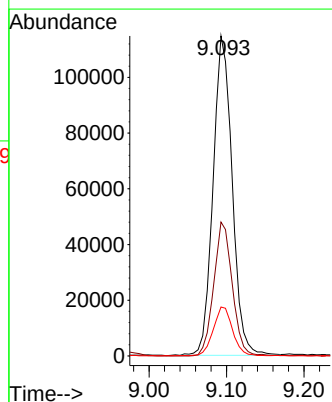
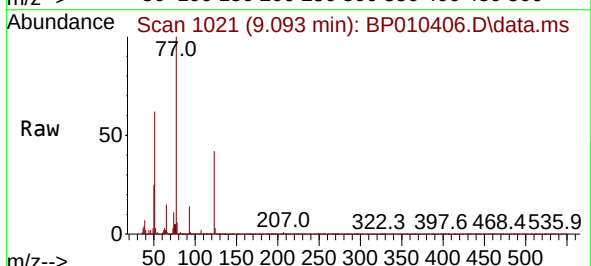
Instrument :
BNA_P
ClientSampleId :

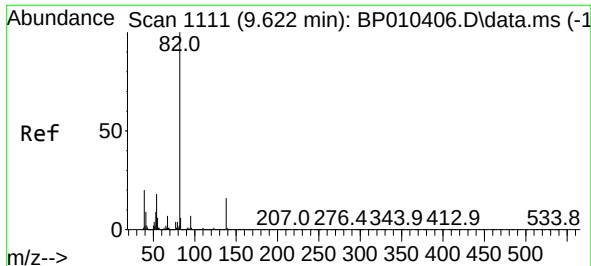
Tgt Ion:117 Resp: 62508
Ion Ratio Lower Upper
117 100
201 105.9 106.5 159.7#
199 65.0 59.0 88.6



#22
Nitrobenzene
Concen: 20.816 ng/ul
RT: 9.093 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion: 77 Resp: 196584
Ion Ratio Lower Upper
77 100
123 41.9 42.3 63.5#
65 15.3 5.8 8.8#

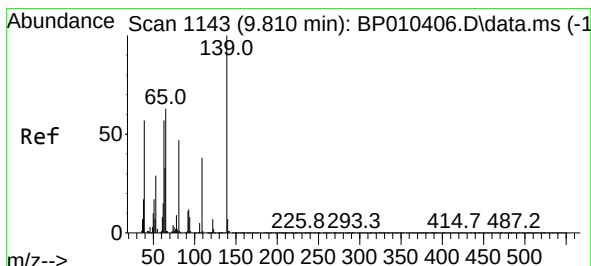
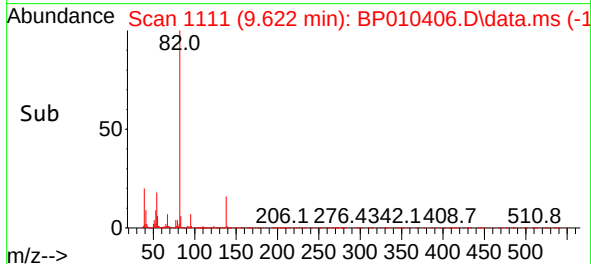
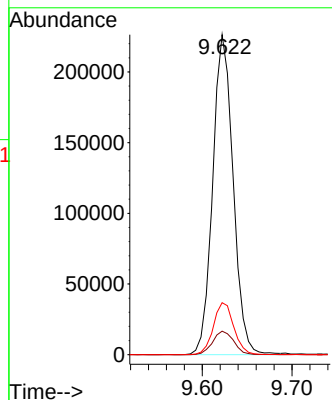
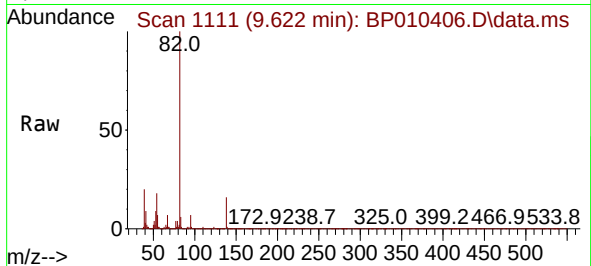




#23
Isophorone
Concen: 20.503 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

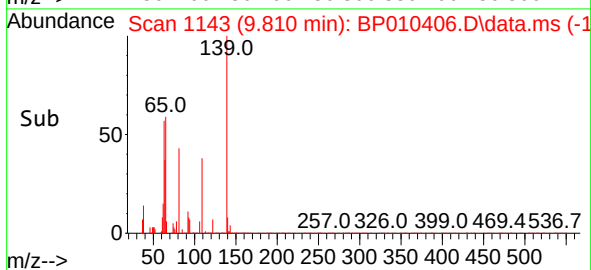
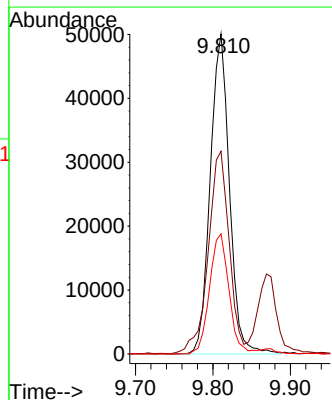
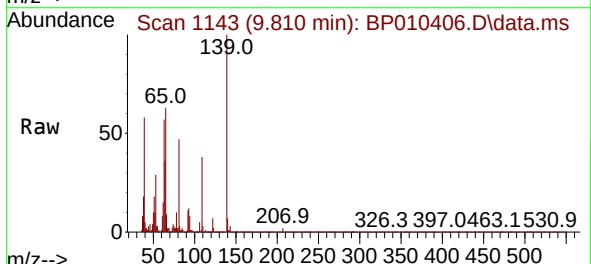
Instrument :
BNA_P
ClientSampleId :

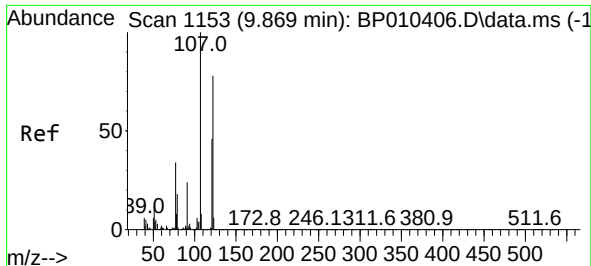
Tgt Ion: 82 Resp: 357899
Ion Ratio Lower Upper
82 100
95 7.4 7.8 11.8#
138 16.3 12.9 19.3



#25
2-Nitrophenol
Concen: 20.619 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion: 139 Resp: 86225
Ion Ratio Lower Upper
139 100
65 63.3 49.4 74.2
109 37.6 44.7 67.1#

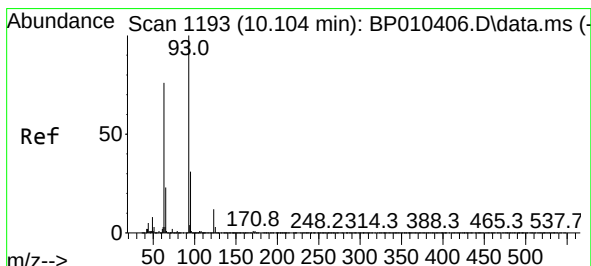
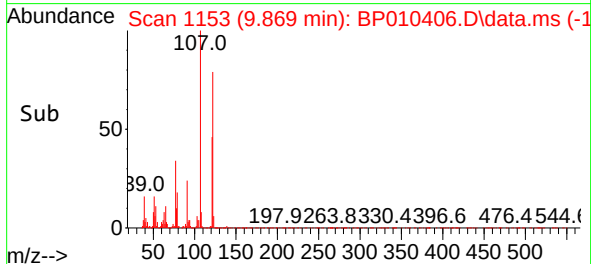
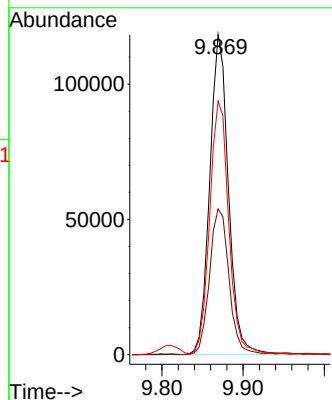
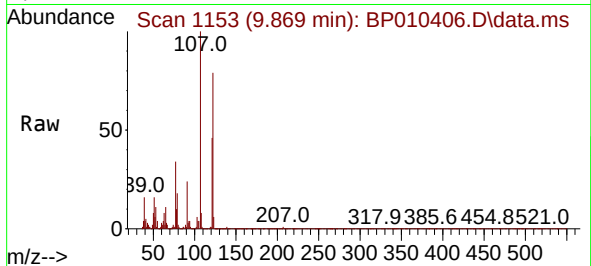




#26
2,4-Dimethylphenol
Concen: 20.841 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

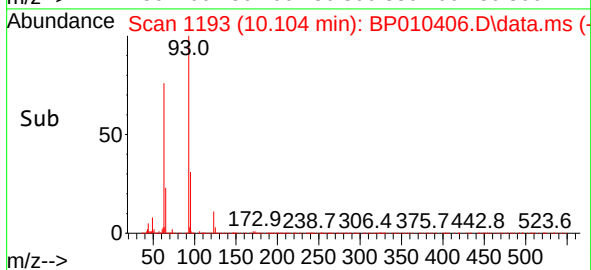
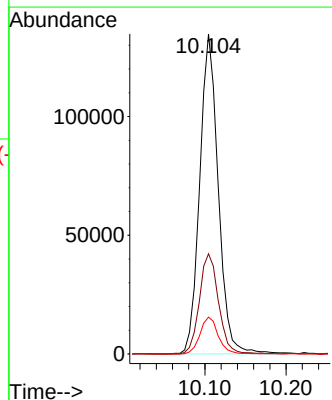
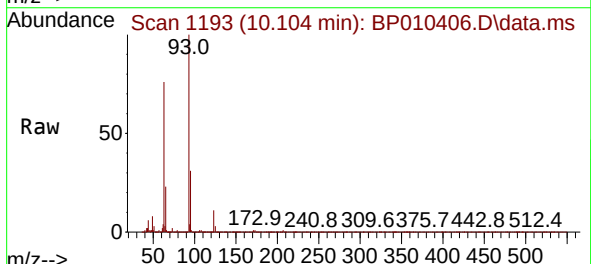
Instrument :
BNA_P
ClientSampleId :

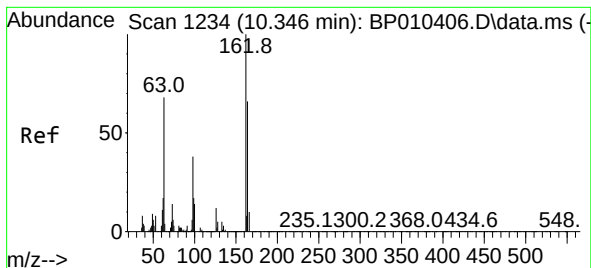
Tgt Ion:107 Resp: 189102
Ion Ratio Lower Upper
107 100
121 45.5 34.1 51.1
122 79.3 46.3 69.5#



#27
Bis(2-Chloroethoxy)methane
Concen: 20.517 ng/ul
RT: 10.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion: 93 Resp: 213237
Ion Ratio Lower Upper
93 100
95 31.3 26.2 39.4
123 11.5 6.2 9.4#





#29

2,4-Dichlorophenol

Concen: 20.892 ng/ul

RT: 10.346 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

Instrument :

BNA_P

ClientSampleId :

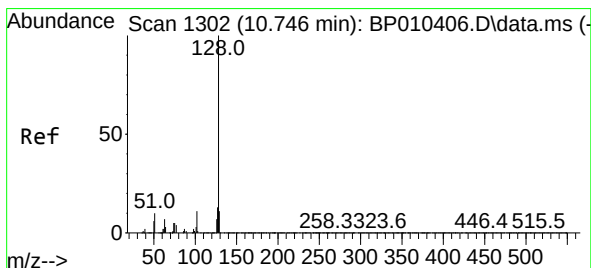
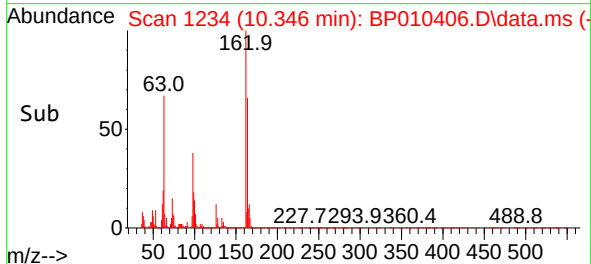
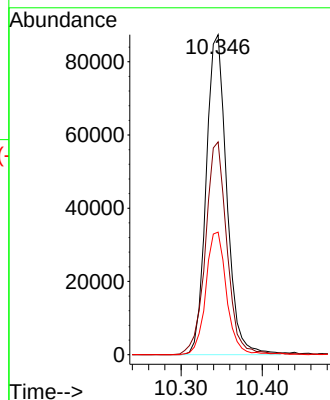
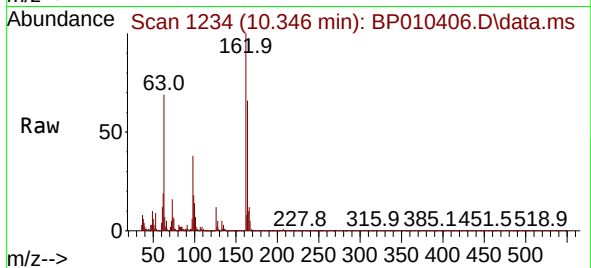
Tgt Ion:162 Resp: 153818

Ion Ratio Lower Upper

162 100

164 66.5 37.0 55.6#

98 38.3 31.0 46.6



#30

Naphthalene

Concen: 20.802 ng/ul

RT: 10.746 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

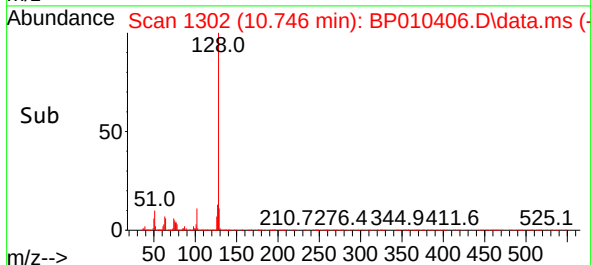
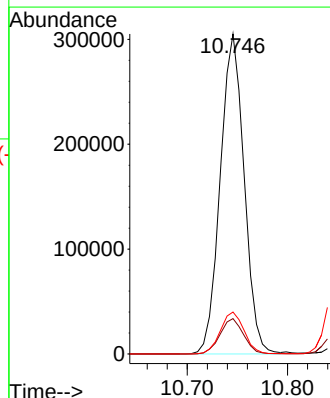
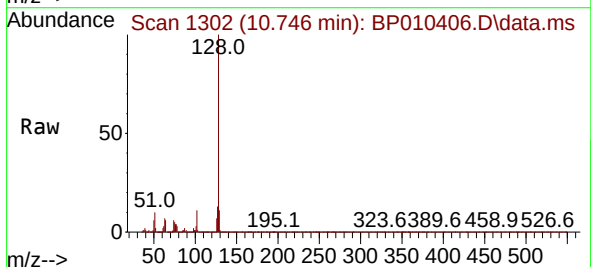
Tgt Ion:128 Resp: 504505

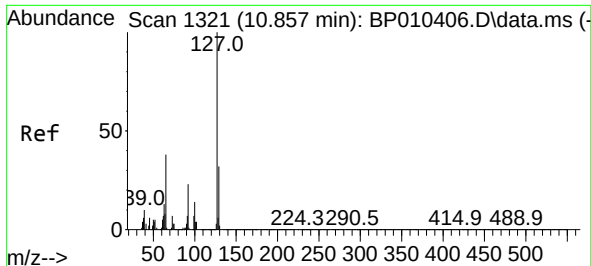
Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.1 12.2 18.4

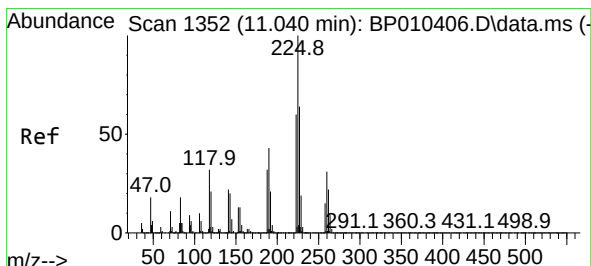
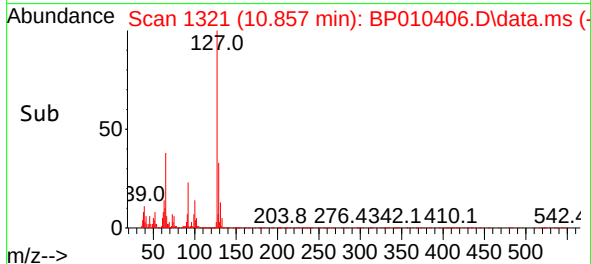
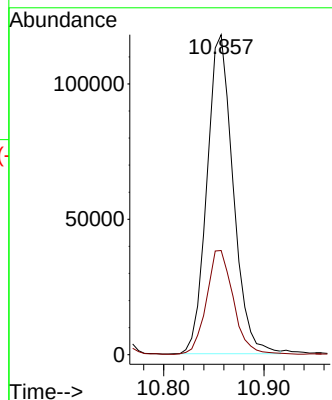
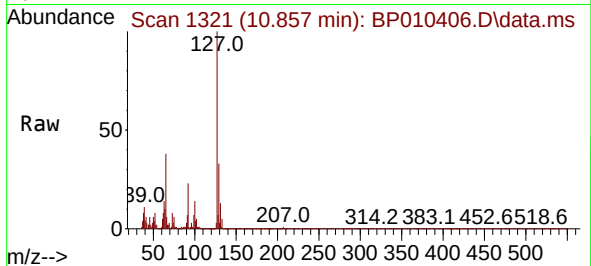




#32
4-Chloroaniline
Concen: 20.171 ng/ul
RT: 10.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

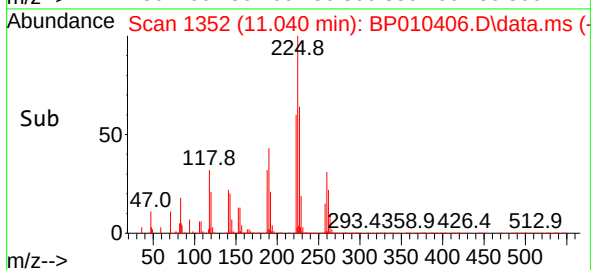
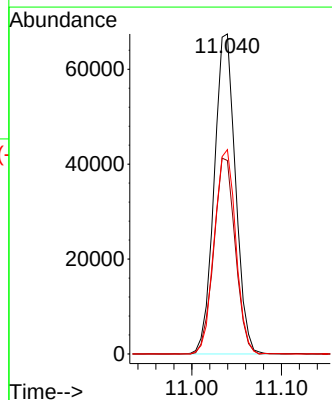
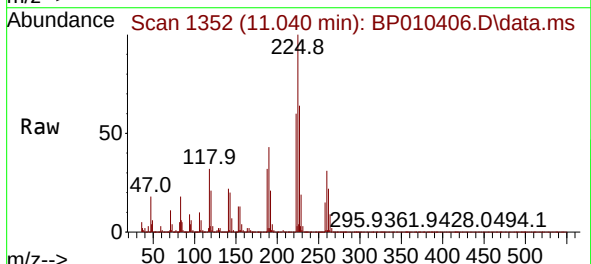
Instrument :
BNA_P
ClientSampleId :

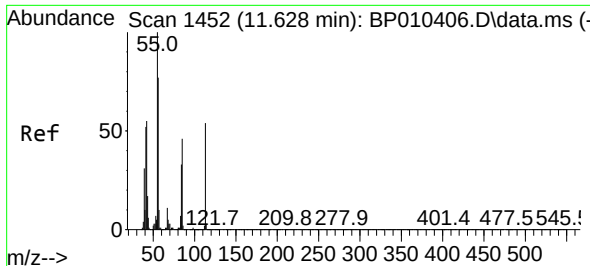
Tgt Ion:127 Resp: 214338
Ion Ratio Lower Upper
127 100
129 32.6 24.6 37.0



#33
Hexachlorobutadiene
Concen: 21.284 ng/ul
RT: 11.040 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:225 Resp: 111042
Ion Ratio Lower Upper
225 100
223 60.4 53.4 80.0
227 63.8 53.8 80.8

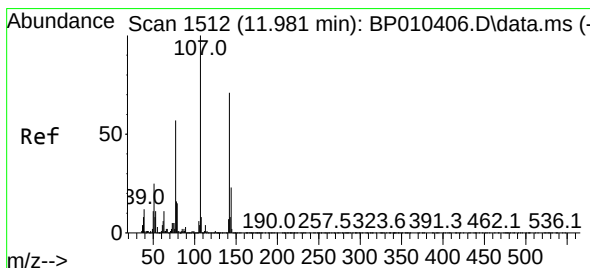
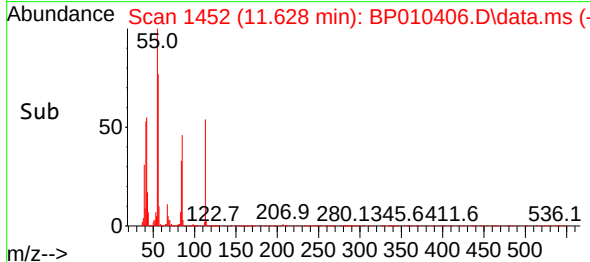
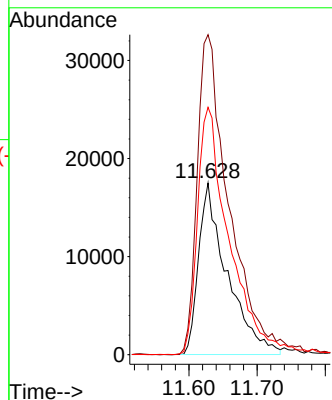
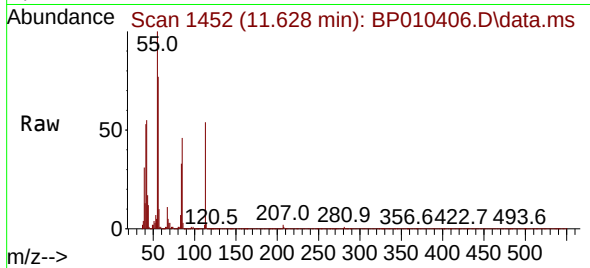




#34
Caprolactam
Concen: 19.831 ng/ul
RT: 11.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

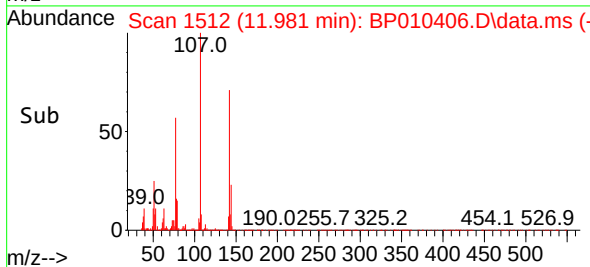
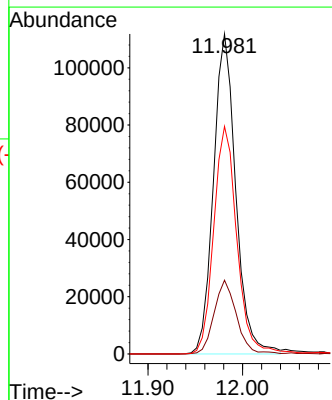
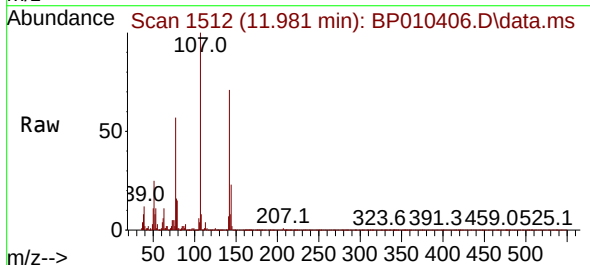
Instrument :
BNA_P
ClientSampleId :

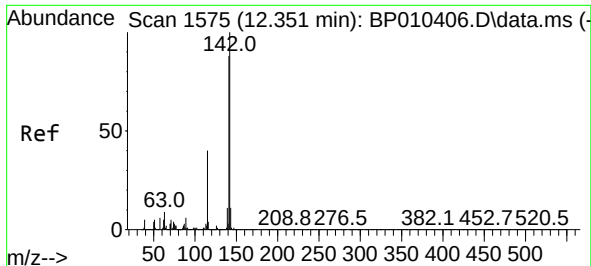
Tgt Ion:113 Resp: 50956
Ion Ratio Lower Upper
113 100
55 186.4 58.2 87.2#
56 144.1 68.6 103.0#



#35
4-Chloro-3-methylphenol
Concen: 21.294 ng/ul
RT: 11.981 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:107 Resp: 183401
Ion Ratio Lower Upper
107 100
144 23.0 15.8 23.8
142 71.1 38.9 58.3#

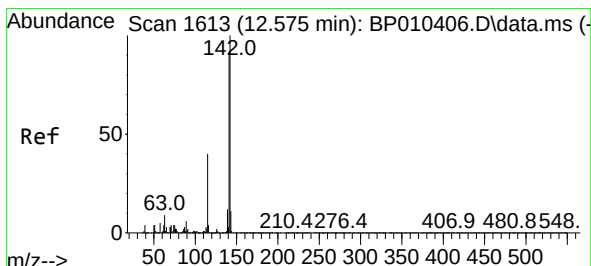
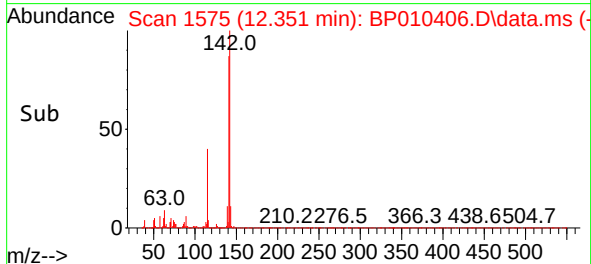
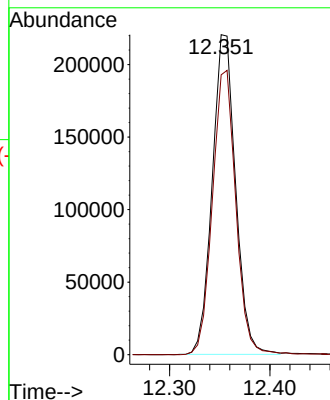
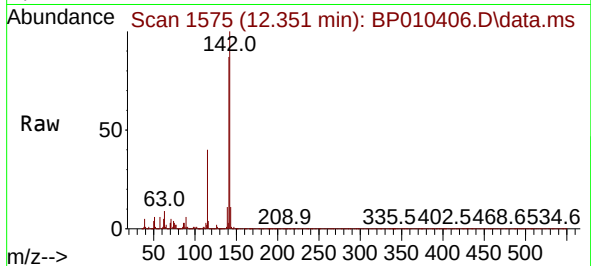




#36
2-Methylnaphthalene
Concen: 20.766 ng/ul
RT: 12.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

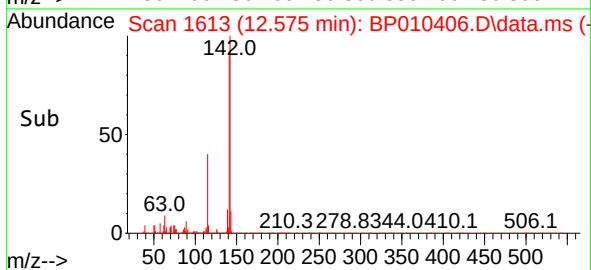
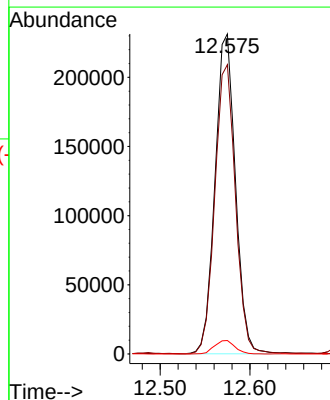
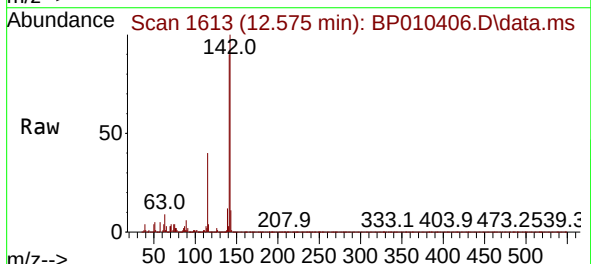
Instrument :
BNA_P
ClientSampleId :

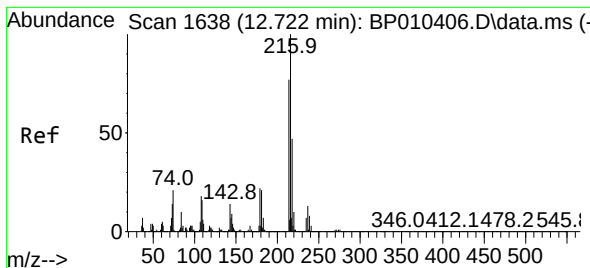
Tgt Ion:142 Resp: 356552
Ion Ratio Lower Upper
142 100
141 87.4 64.3 96.5



#37
1-Methylnaphthalene
Concen: 21.075 ng/ul
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

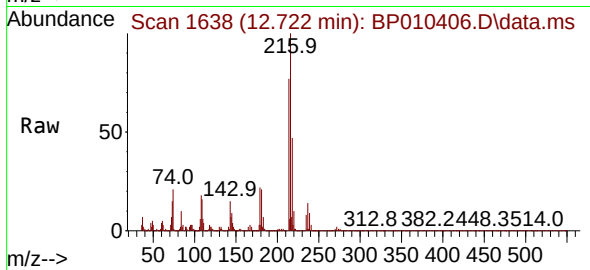
Tgt Ion:142 Resp: 365351
Ion Ratio Lower Upper
142 100
141 90.4 69.8 104.8
116 4.2 5.6 8.4#



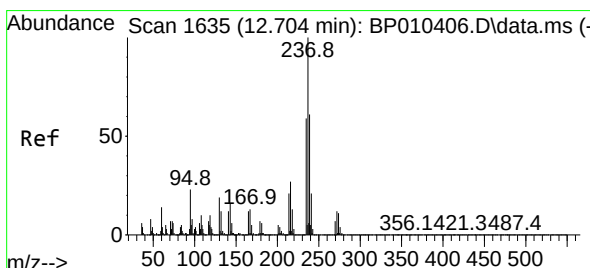
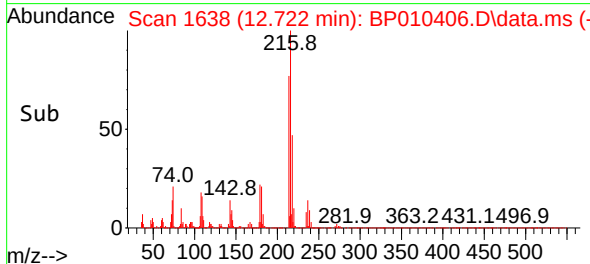
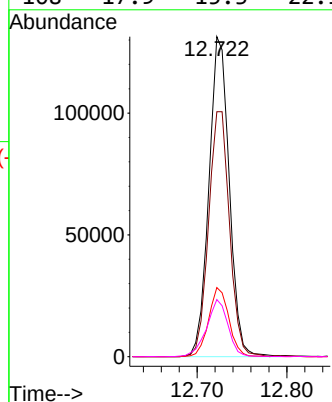


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.476 ng/ul
 RT: 12.722 min Scan# 1638
 Delta R.T. -0.012 min
 Lab File: BP010406.D
 Acq: 19 May 2022 16:33

Instrument :
 BNA_P
 ClientSampleId :

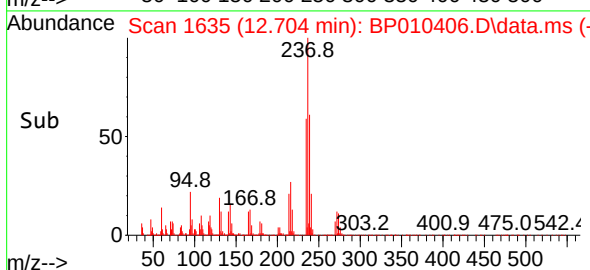
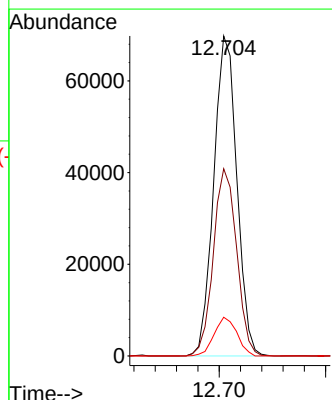
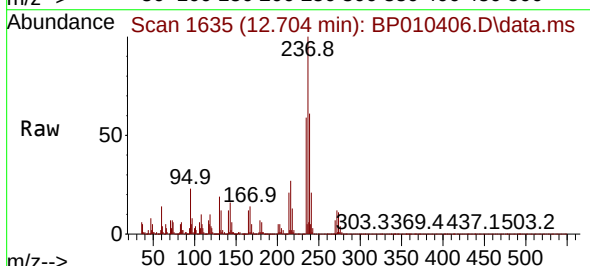


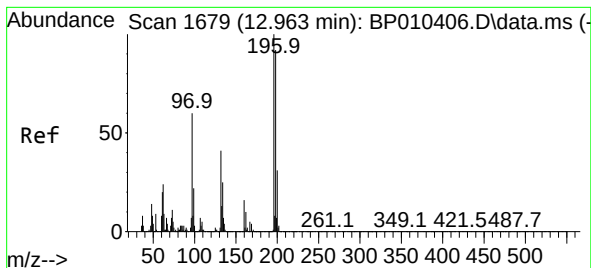
Tgt Ion:	216	Resp:	206964
Ion Ratio	Lower	Upper	
216	100		
214	76.5	58.2	87.2
179	21.6	14.2	21.2#
108	17.9	15.3	22.9



#40
 Hexachlorocyclopentadiene
 Concen: 19.102 ng/ul
 RT: 12.704 min Scan# 1635
 Delta R.T. -0.006 min
 Lab File: BP010406.D
 Acq: 19 May 2022 16:33

Tgt Ion:	237	Resp:	104968
Ion Ratio	Lower	Upper	
237	100		
235	58.5	53.2	79.8
272	12.8	10.8	16.2





#41

2,4,6-Trichlorophenol

Concen: 20.914 ng/ul

RT: 12.963 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

Instrument :

BNA_P

ClientSampleId :

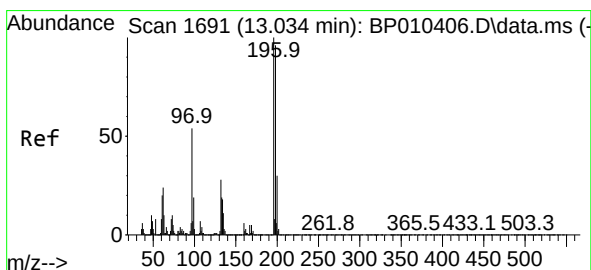
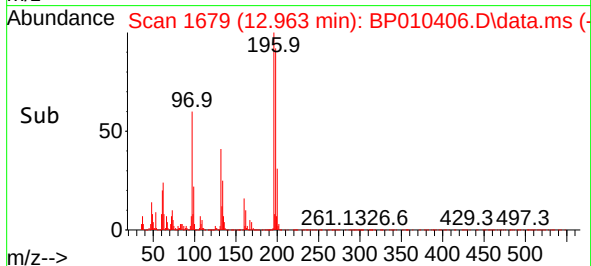
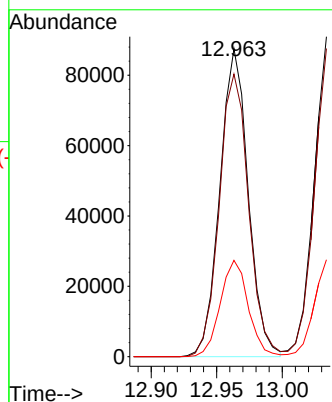
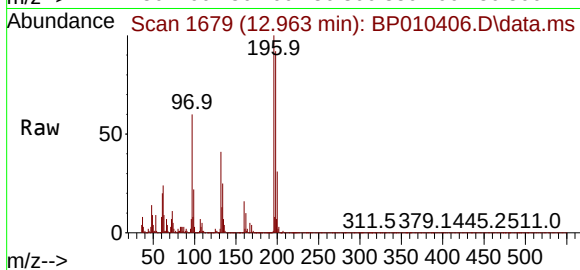
Tgt Ion:196 Resp: 131770

Ion Ratio Lower Upper

196 100

198 91.8 64.1 96.1

200 31.3 19.9 29.9#



#42

2,4,5-Trichlorophenol

Concen: 20.141 ng/ul

RT: 13.034 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

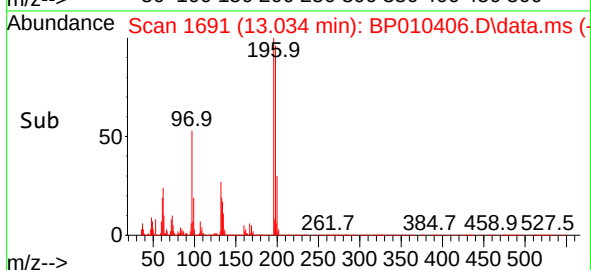
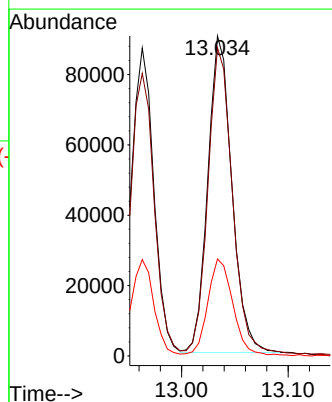
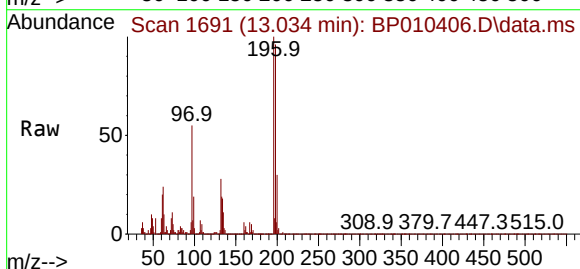
Tgt Ion:196 Resp: 141692

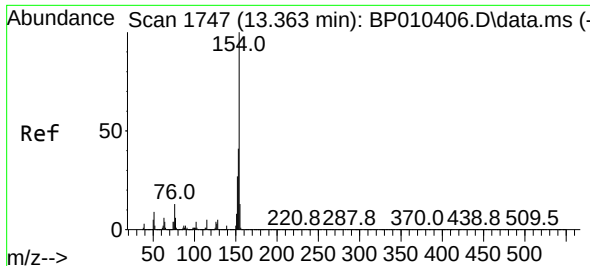
Ion Ratio Lower Upper

196 100

198 96.3 68.6 103.0

200 30.3 32.8 49.2#

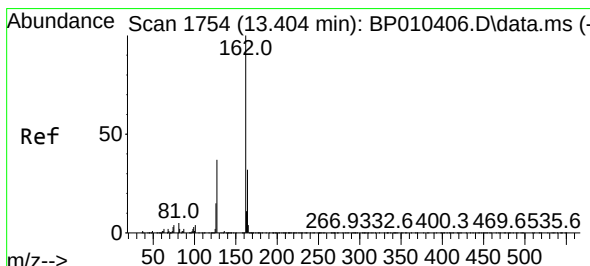
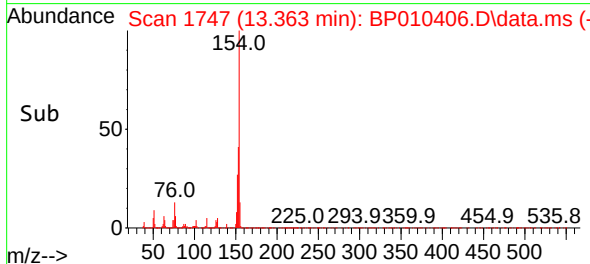
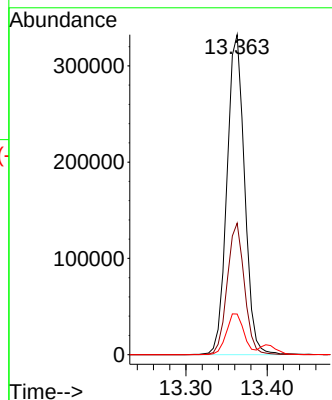
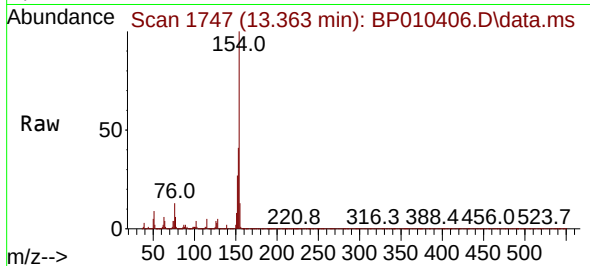




#43
1,1'-Biphenyl
Concen: 20.611 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

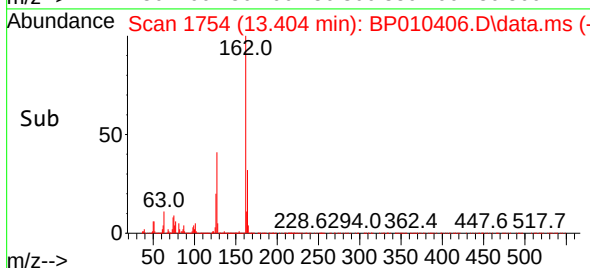
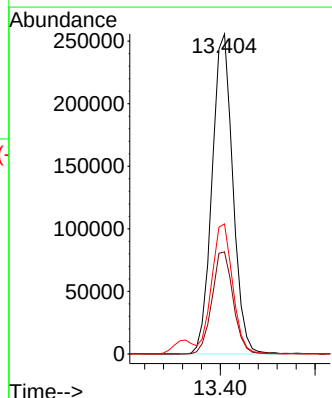
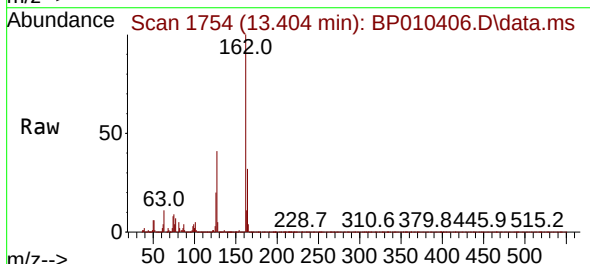
Instrument :
BNA_P
ClientSampleId :

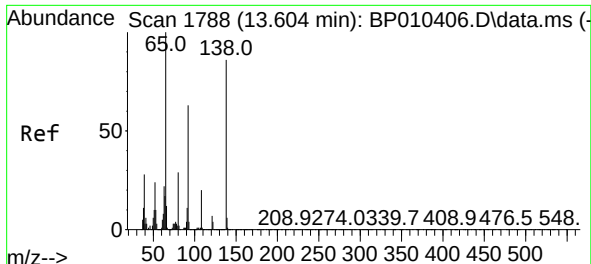
Tgt Ion:154 Resp: 501083
Ion Ratio Lower Upper
154 100
153 41.1 28.6 43.0
76 12.7 8.5 12.7



#44
2-Chloronaphthalene
Concen: 20.795 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:162 Resp: 390480
Ion Ratio Lower Upper
162 100
164 31.9 27.5 41.3
127 40.6 37.1 55.7

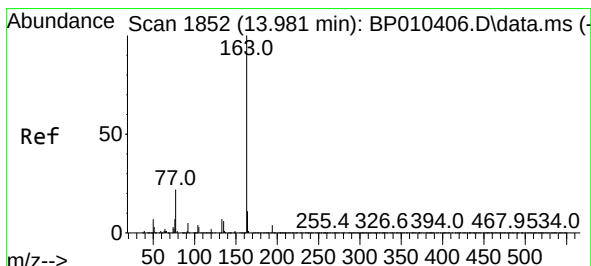
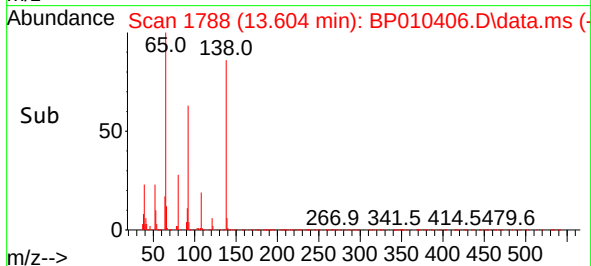
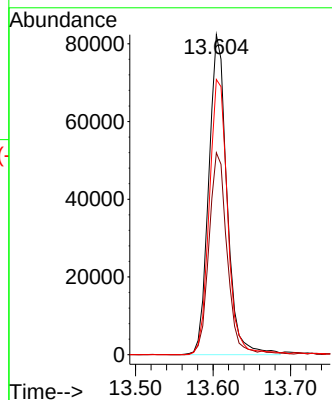
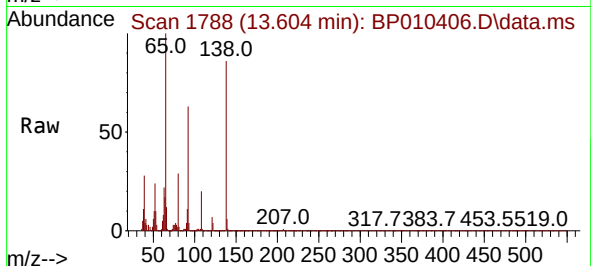




#45
2-Nitroaniline
Concen: 21.742 ng/ul
RT: 13.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

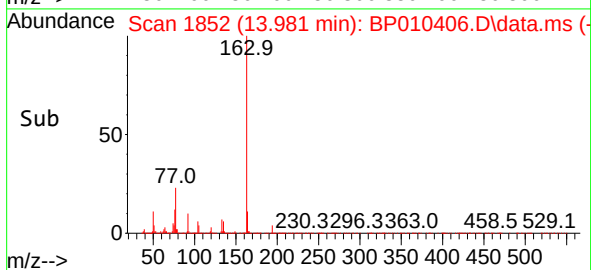
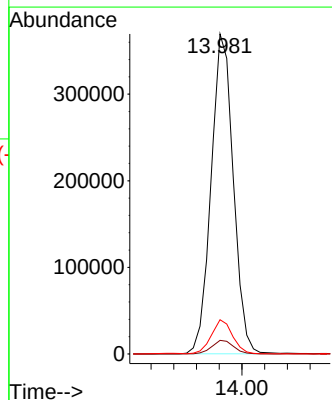
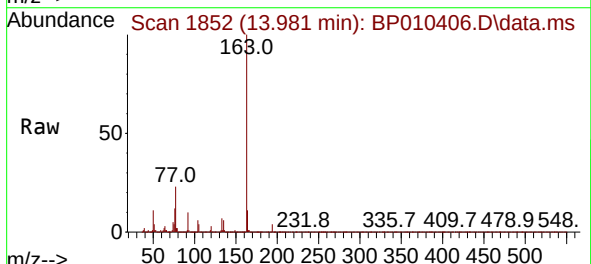
Instrument :
BNA_P
ClientSampleId :

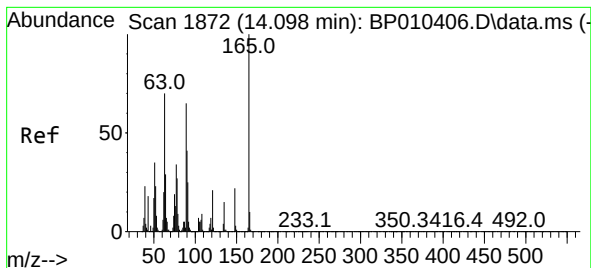
Tgt Ion: 65 Resp: 134364
Ion Ratio Lower Upper
65 100
92 63.1 77.9 116.9#
138 86.0 81.5 122.3



#47
Dimethylphthalate
Concen: 20.693 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:163 Resp: 500913
Ion Ratio Lower Upper
163 100
194 4.2 4.1 6.1
164 10.7 11.3 16.9#





#48

2,6-Dinitrotoluene

Concen: 20.758 ng/ul

RT: 14.098 min Scan# 1872

Delta R.T. -0.006 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

Instrument :

BNA_P

ClientSampleId :

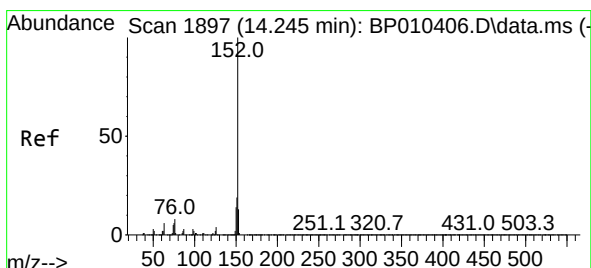
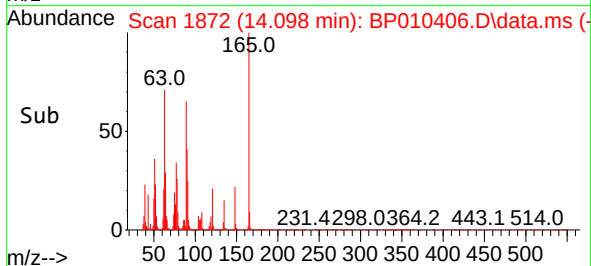
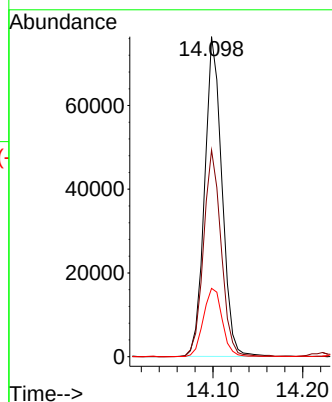
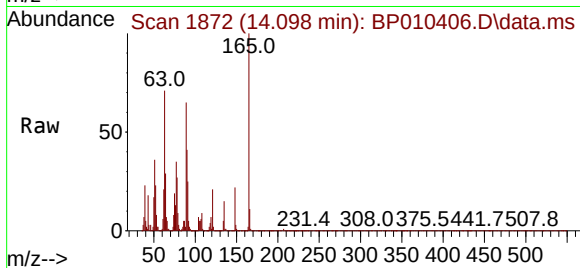
Tgt Ion:165 Resp: 102429

Ion Ratio Lower Upper

165 100

89 64.6 51.7 77.5

121 21.4 18.3 27.5



#50

Acenaphthylene

Concen: 20.924 ng/ul

RT: 14.245 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

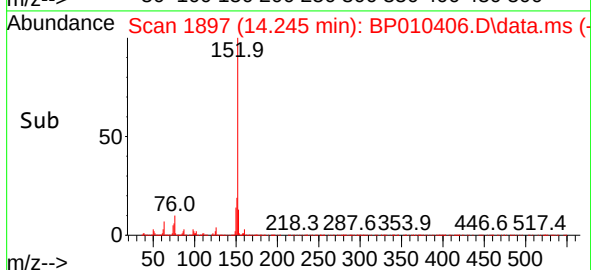
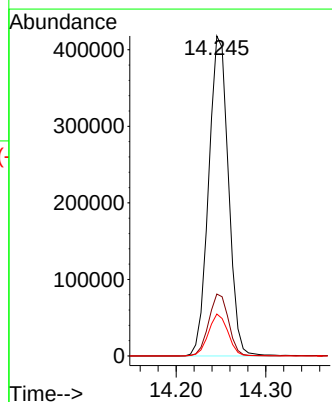
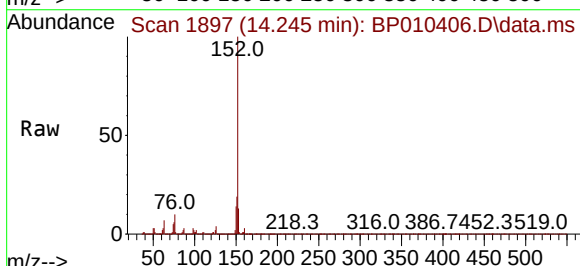
Tgt Ion:152 Resp: 637159

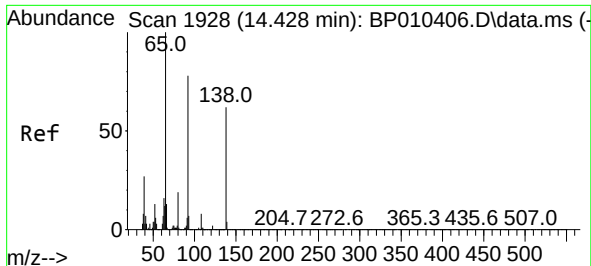
Ion Ratio Lower Upper

152 100

151 19.3 18.3 27.5

153 13.1 11.0 16.6

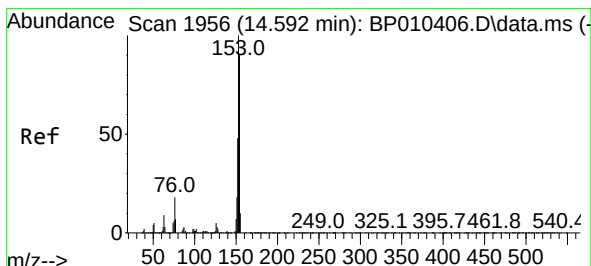
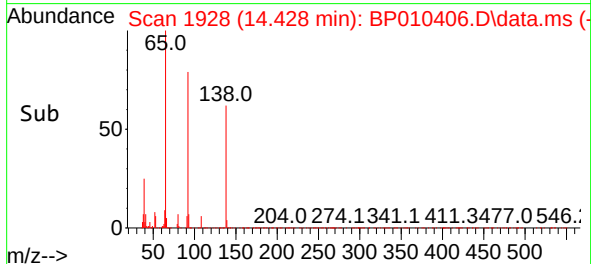
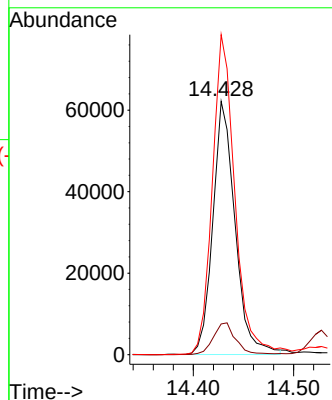
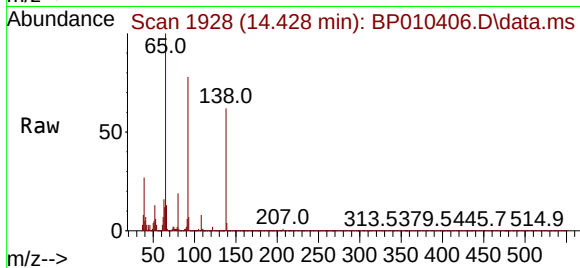




#51
3-Nitroaniline
Concen: 20.649 ng/ul
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

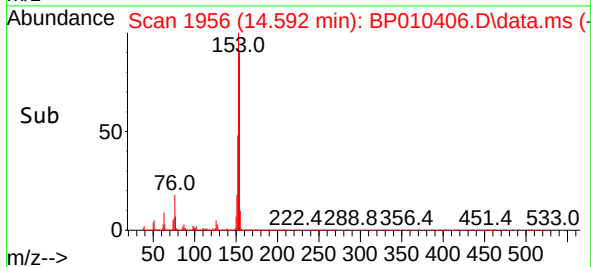
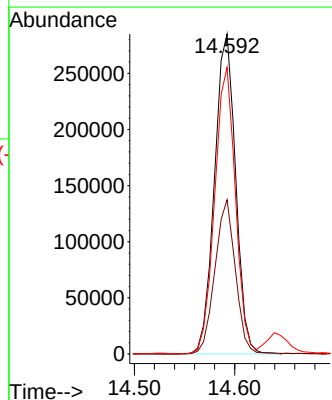
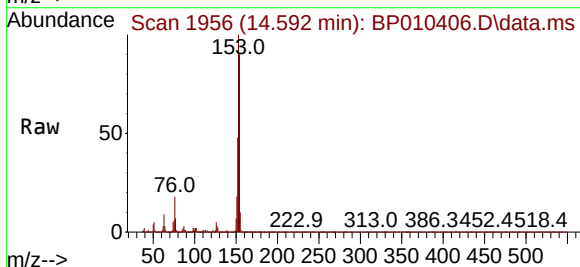
Instrument :
BNA_P
ClientSampleId :

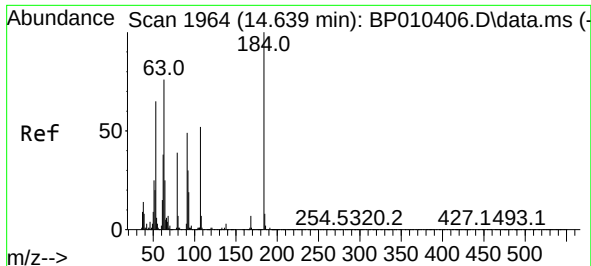
Tgt Ion:138 Resp: 95631
Ion Ratio Lower Upper
138 100
108 12.1 15.8 23.8#
92 126.3 117.1 175.7



#52
Acenaphthene
Concen: 20.995 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:153 Resp: 417064
Ion Ratio Lower Upper
153 100
152 48.2 34.3 51.5
154 89.5 70.0 105.0

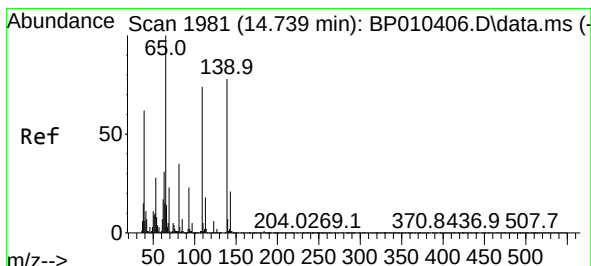
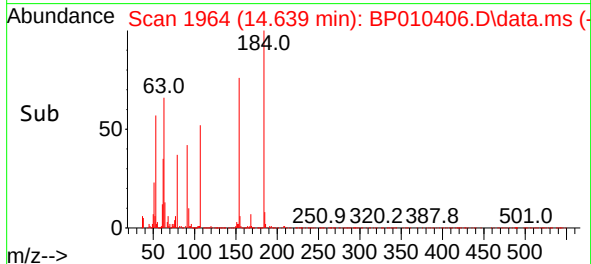
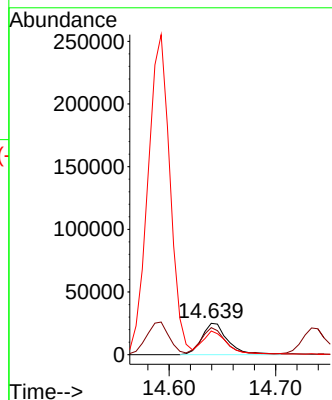
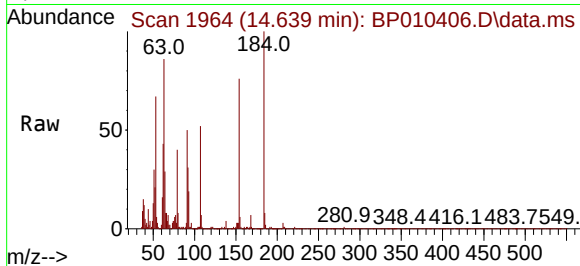




#53
2,4-Dinitrophenol
Concen: 15.268 ng/ul
RT: 14.639 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

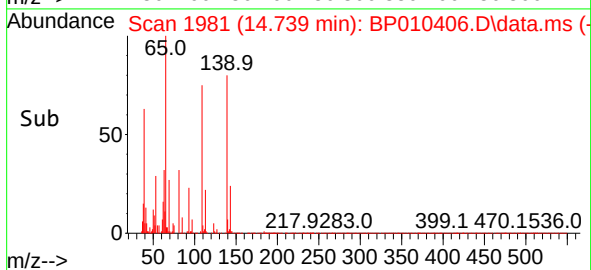
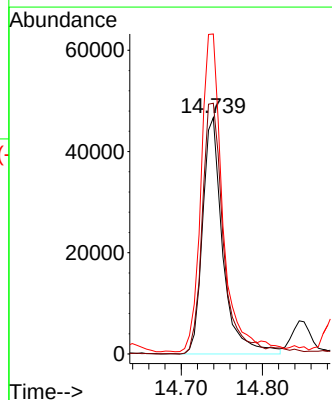
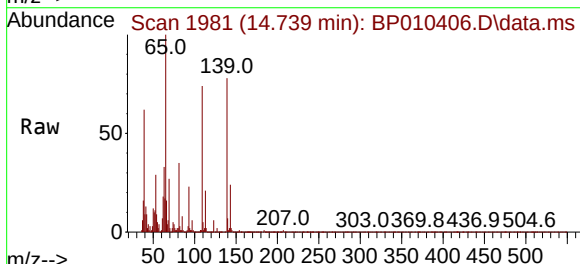
Instrument :
BNA_P
ClientSampleId :

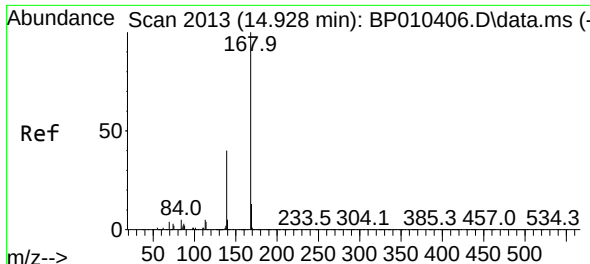
Tgt Ion:184 Resp: 42063
Ion Ratio Lower Upper
184 100
63 86.5 34.6 52.0#
154 75.7 57.7 86.5



#55
4-Nitrophenol
Concen: 20.866 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:109 Resp: 80590
Ion Ratio Lower Upper
109 100
139 106.1 61.4 92.2#
65 135.4 65.3 97.9#

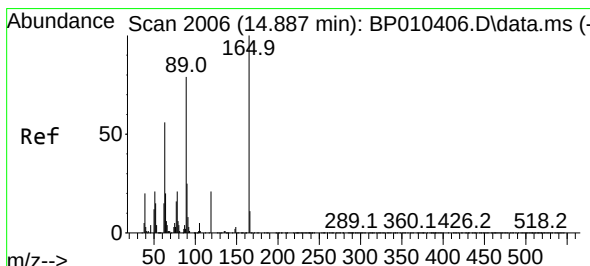
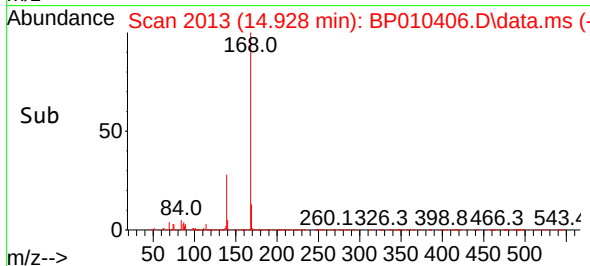
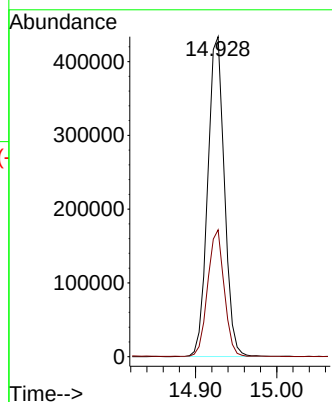
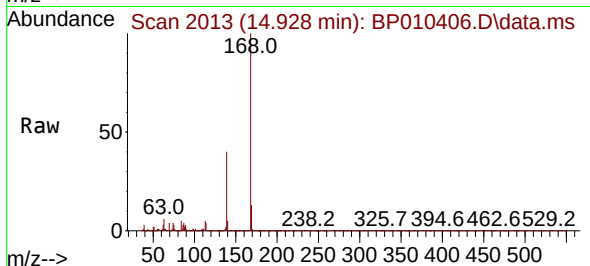




#56
Dibenzofuran
Concen: 21.179 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

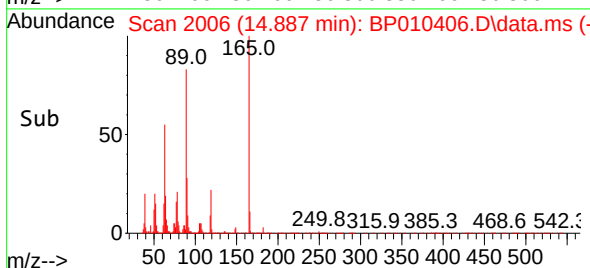
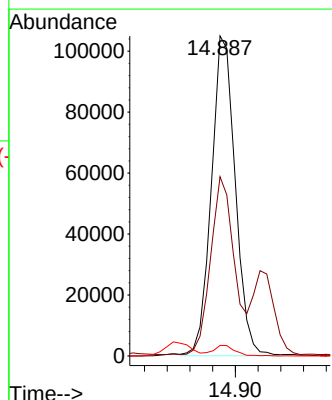
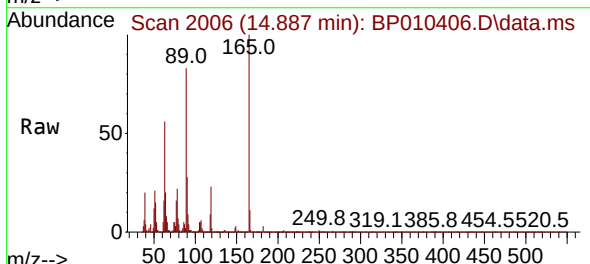
Instrument :
BNA_P
ClientSampleId :

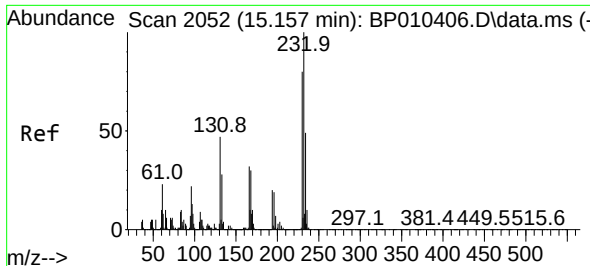
Tgt Ion:168 Resp: 616569
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1



#57
2,4-Dinitrotoluene
Concen: 21.601 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:165 Resp: 153444
Ion Ratio Lower Upper
165 100
63 56.0 29.5 44.3#
182 3.3 2.8 4.2

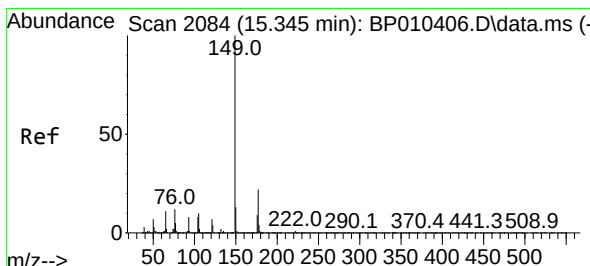
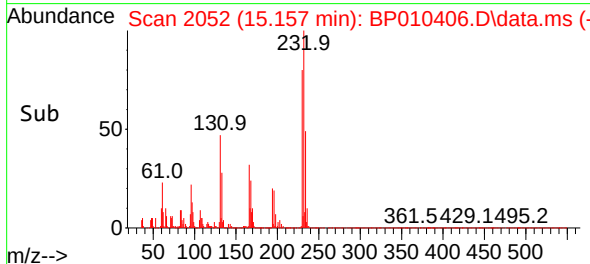
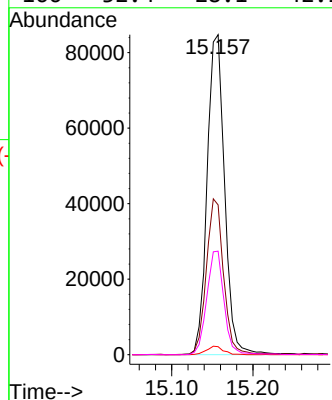
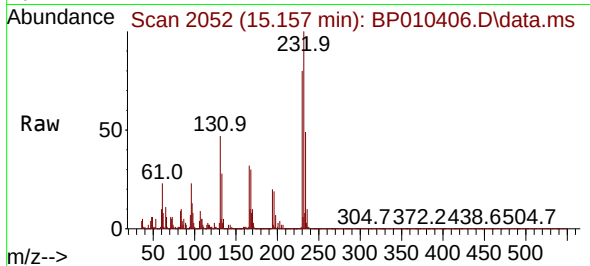




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.863 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

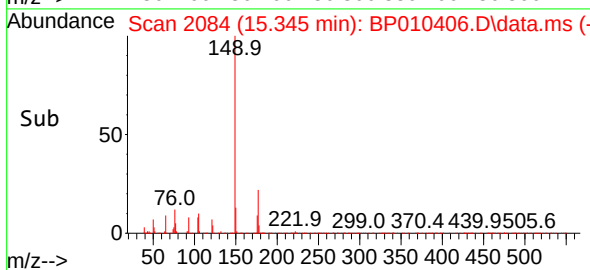
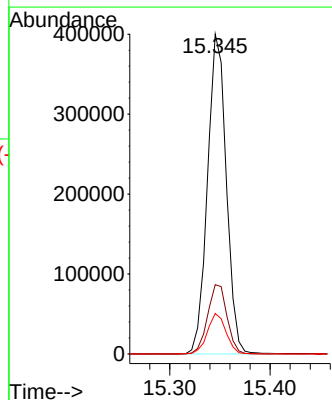
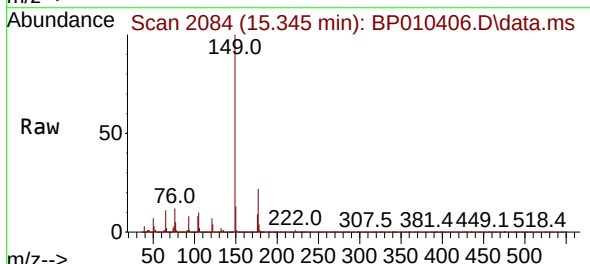
Instrument :
BNA_P
ClientSampleId :

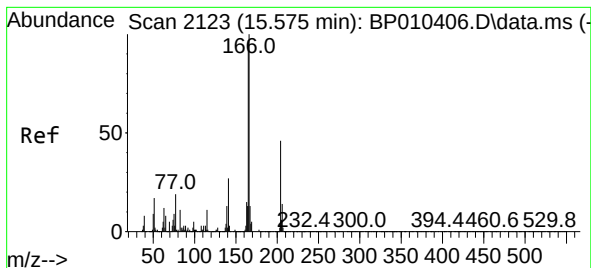
Tgt Ion:	232	Resp:	126211
Ion Ratio	Lower	Upper	
232	100		
131	46.8	25.4	38.2#
130	2.5	4.2	6.2#
166	32.4	28.1	42.1



#59
Diethylphthalate
Concen: 21.173 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:	149	Resp:	522973
Ion Ratio	Lower	Upper	
149	100		
177	21.6	22.0	33.0#
150	12.7	10.2	15.2

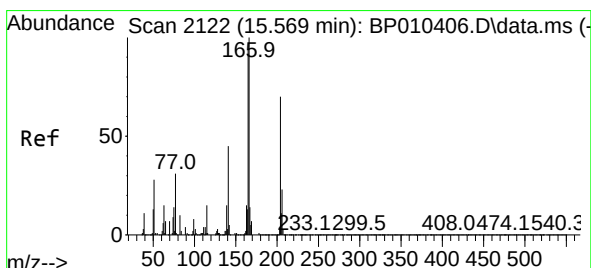
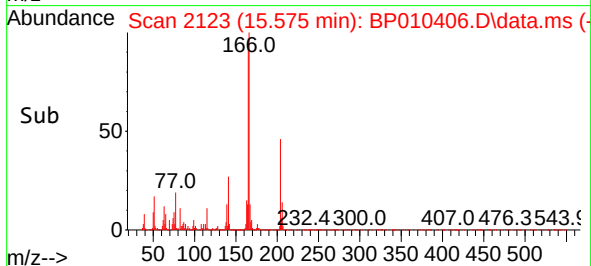
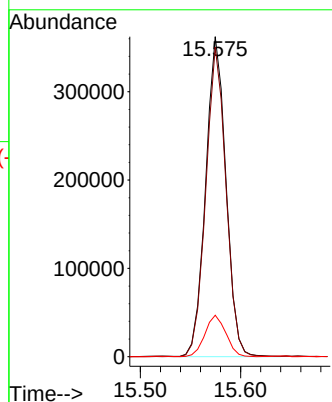
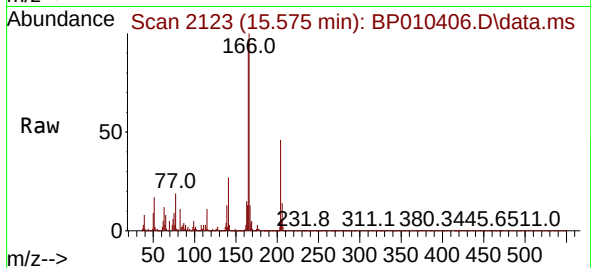




#61
Fluorene
Concen: 21.477 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

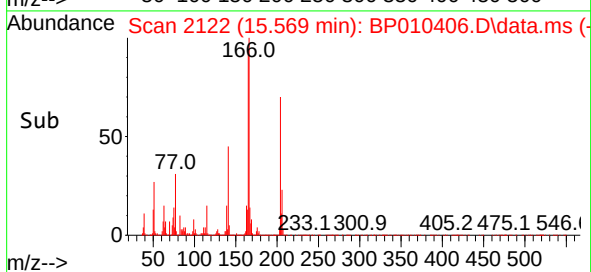
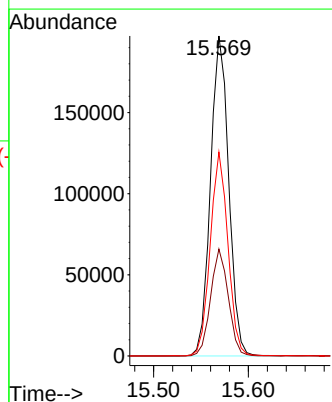
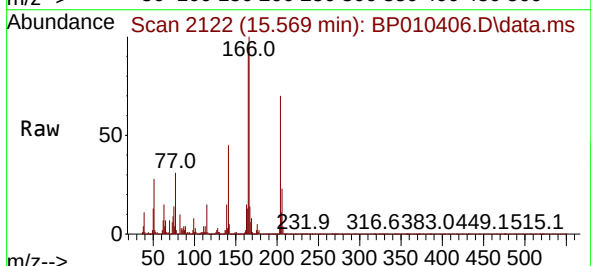
Instrument :
BNA_P
ClientSampleId :

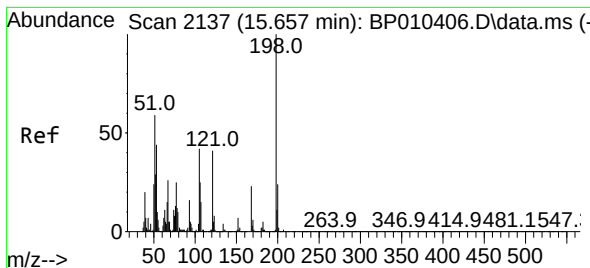
Tgt Ion:166 Resp: 511313
Ion Ratio Lower Upper
166 100
165 96.8 70.3 105.5
167 13.0 9.5 14.3



#62
4-Chlorophenyl-phenylether
Concen: 21.187 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:204 Resp: 262387
Ion Ratio Lower Upper
204 100
206 33.4 27.6 41.4
141 63.7 46.6 69.8

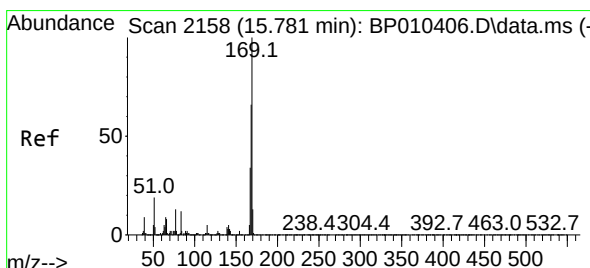
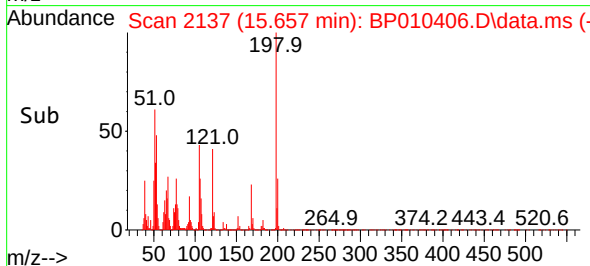
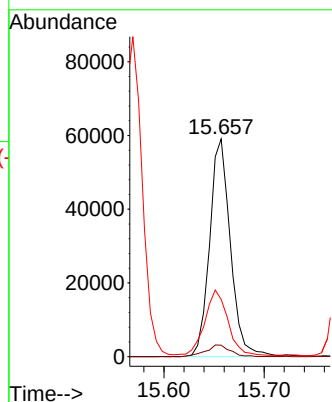
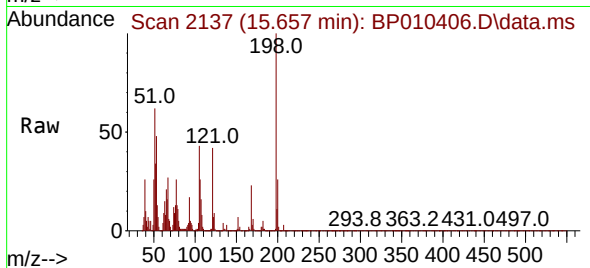




#66
4,6-Dinitro-2-methylphenol
Concen: 19.115 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

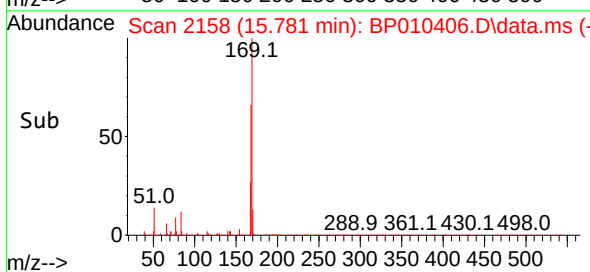
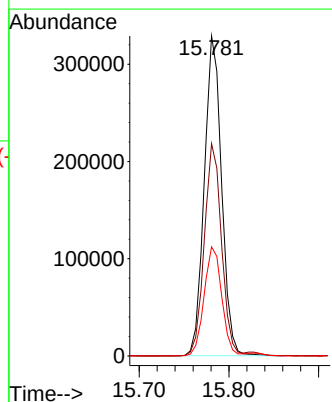
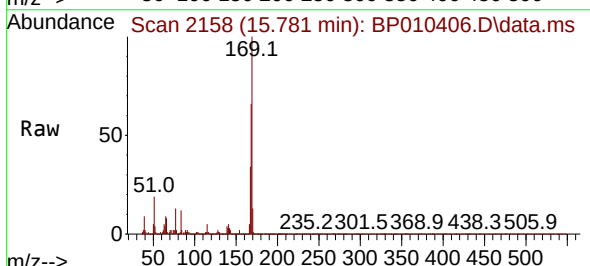
Instrument :
BNA_P
ClientSampleId :

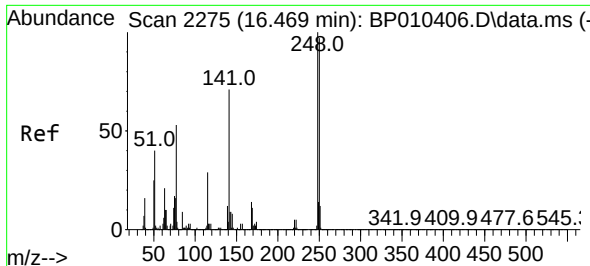
Tgt Ion:198 Resp: 85057
Ion Ratio Lower Upper
198 100
182 5.3 6.0 9.0#
77 26.3 17.7 26.5



#67
N-Nitrosodiphenylamine
Concen: 20.607 ng/ul
RT: 15.781 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:169 Resp: 440905
Ion Ratio Lower Upper
169 100
168 66.4 48.3 72.5
167 34.1 29.6 44.4

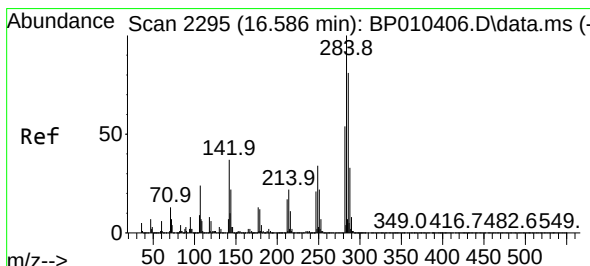
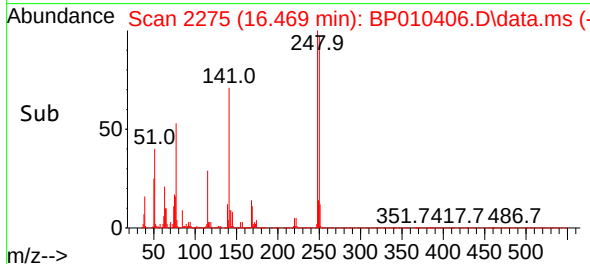
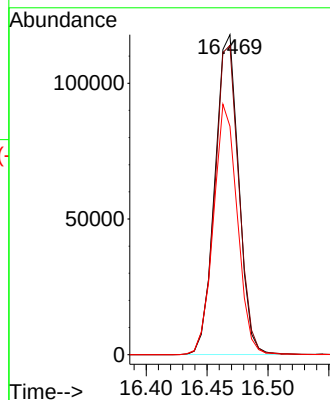
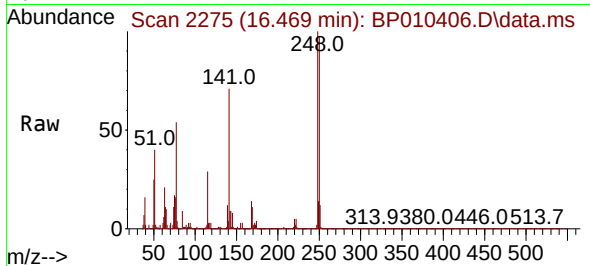




#68
4-Bromophenyl-phenylether
Concen: 20.367 ng/ul
RT: 16.469 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

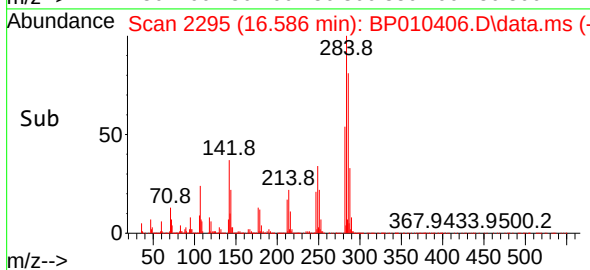
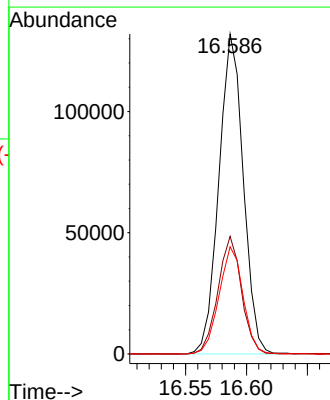
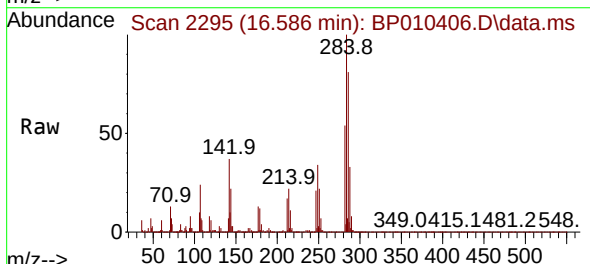
Instrument :
BNA_P
ClientSampleId :

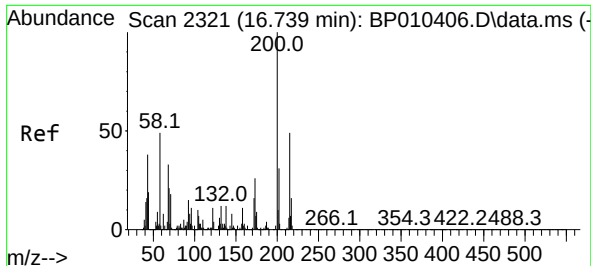
Tgt Ion:248 Resp: 160028
Ion Ratio Lower Upper
248 100
250 96.6 79.4 119.0
141 71.4 67.2 100.8



#69
Hexachlorobenzene
Concen: 20.346 ng/ul
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:284 Resp: 183881
Ion Ratio Lower Upper
284 100
142 36.8 19.2 28.8#
249 33.5 27.4 41.2

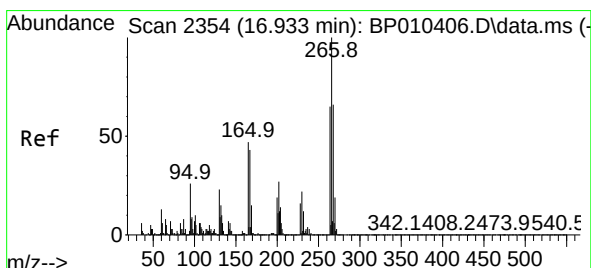
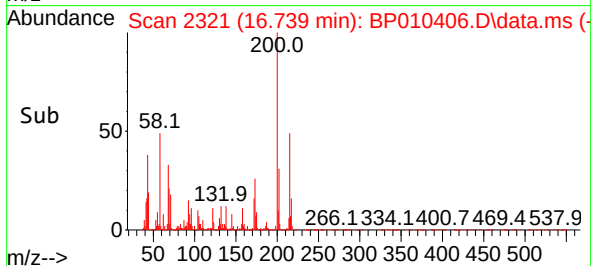
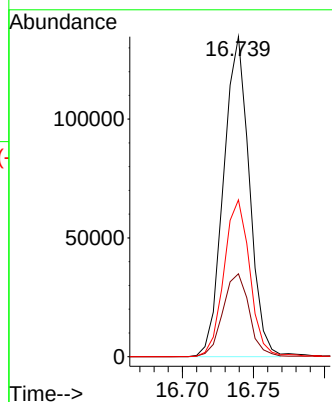
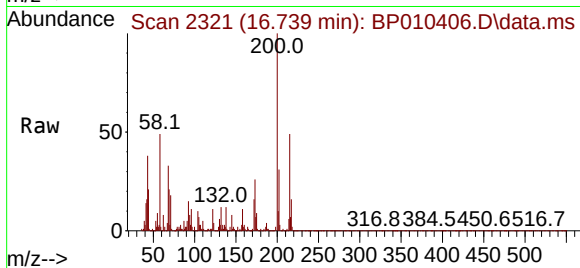




#70
Atrazine
Concen: 19.834 ng/ul
RT: 16.739 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

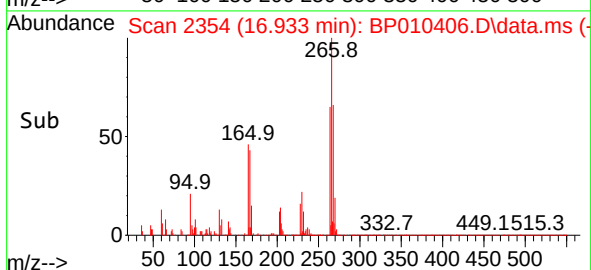
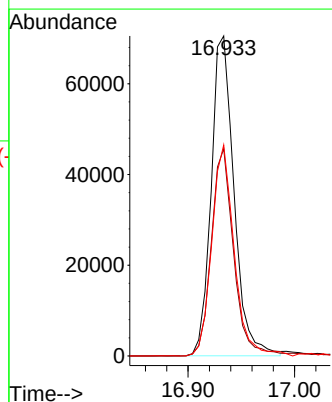
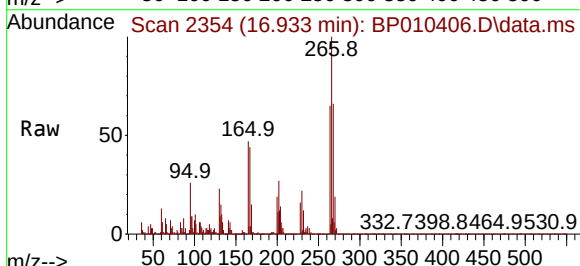
Instrument :
BNA_P
ClientSampleId :

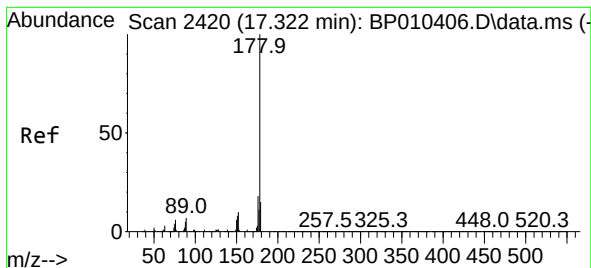
Tgt Ion:200 Resp: 170005
Ion Ratio Lower Upper
200 100
173 25.9 19.2 28.8
215 49.0 32.2 48.4#



#71
Pentachlorophenol
Concen: 18.517 ng/ul
RT: 16.933 min Scan# 2354
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:266 Resp: 105004
Ion Ratio Lower Upper
266 100
264 64.7 57.3 85.9
268 66.0 65.7 98.5





#72

Phenanthrene

Concen: 20.996 ng/u1

RT: 17.322 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

Instrument :

BNA_P

ClientSampleId :

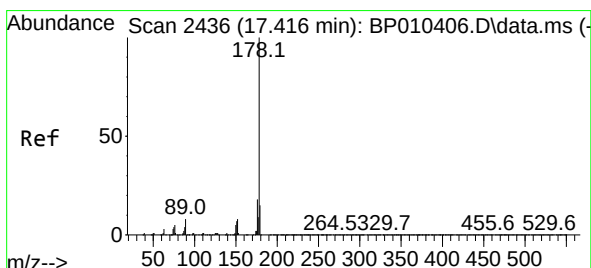
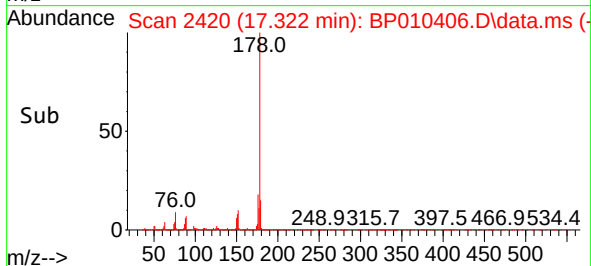
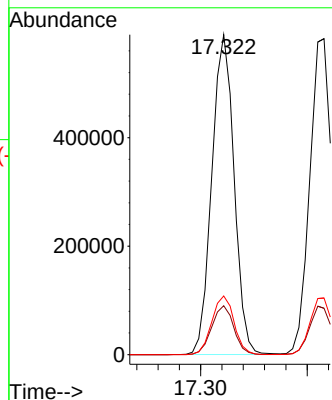
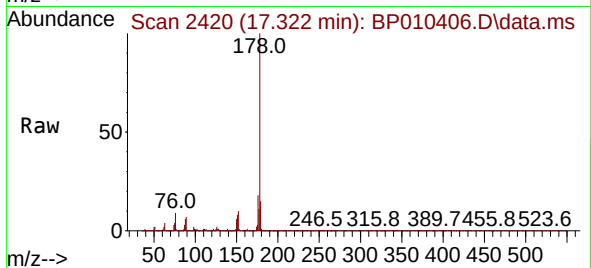
Tgt Ion:178 Resp: 854849

Ion Ratio Lower Upper

178 100

179 15.3 11.7 17.5

176 18.3 14.5 21.7



#74

Anthracene

Concen: 21.112 ng/u1

RT: 17.416 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

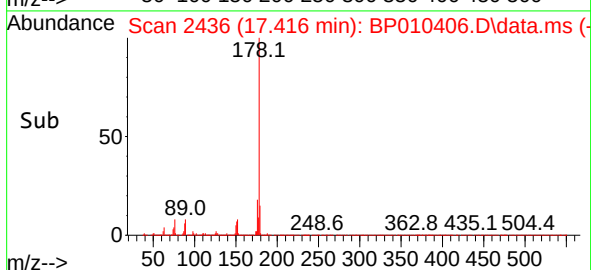
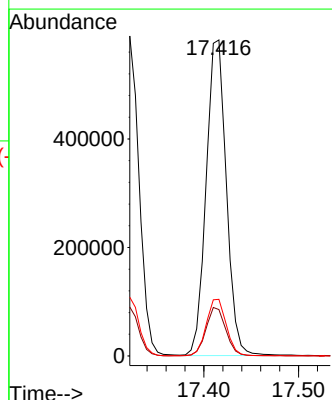
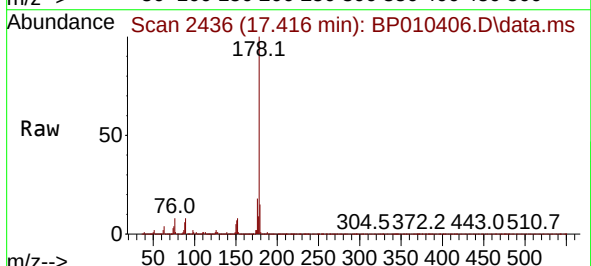
Tgt Ion:178 Resp: 862334

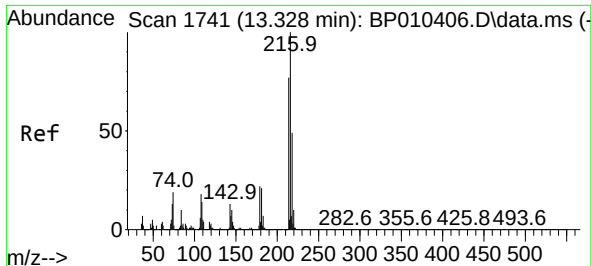
Ion Ratio Lower Upper

178 100

179 14.7 12.3 18.5

176 17.9 13.4 20.2

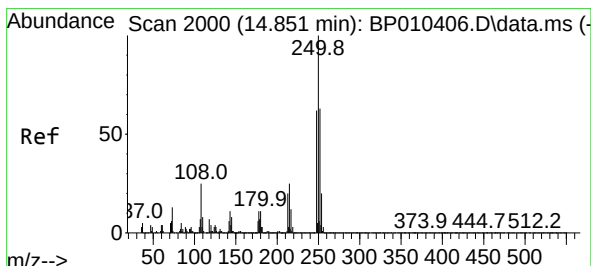
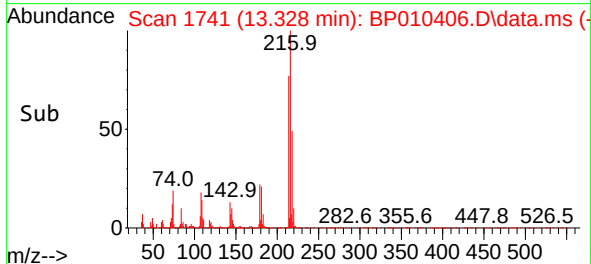
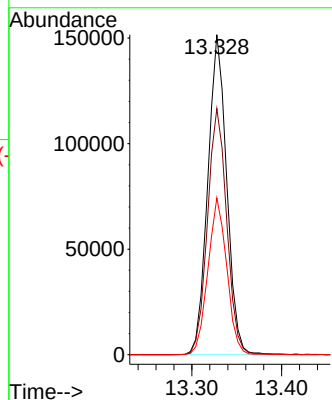
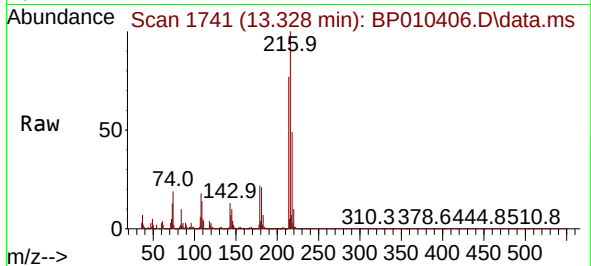




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.125 ng/uL
RT: 13.328 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

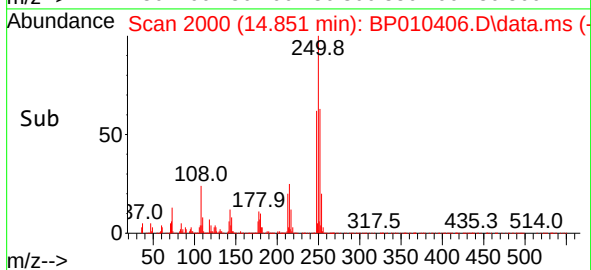
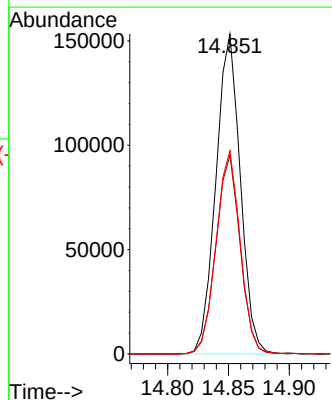
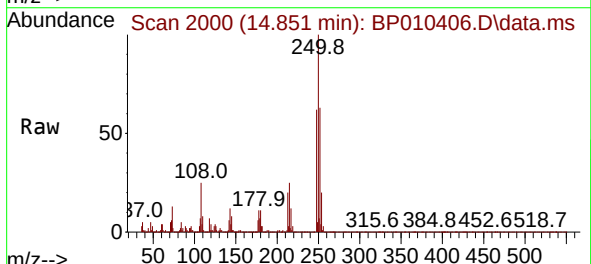
Instrument :
BNA_P
ClientSampleId :

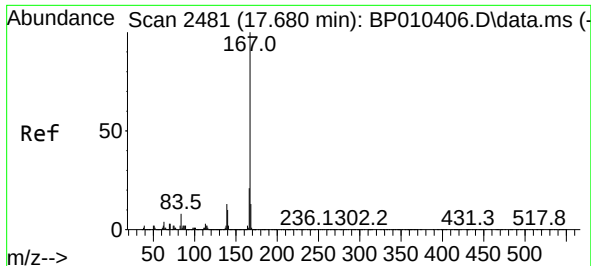
Tgt Ion:216 Resp: 221741
Ion Ratio Lower Upper
216 100
214 76.9 50.4 75.6#
218 49.0 35.2 52.8



#76
Pentachlorobenzene
Concen: 20.374 ng/uL
RT: 14.851 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

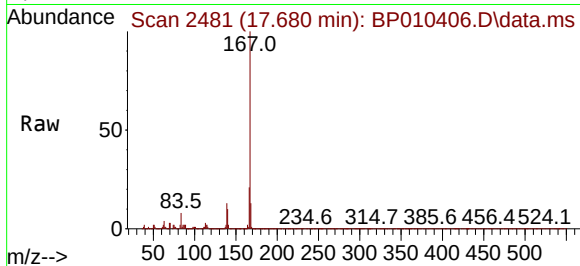
Tgt Ion:250 Resp: 214328
Ion Ratio Lower Upper
250 100
248 62.2 43.5 65.3
252 63.5 46.5 69.7



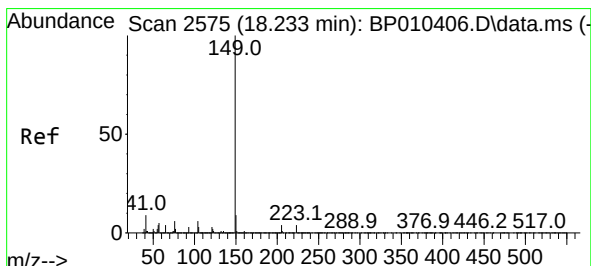
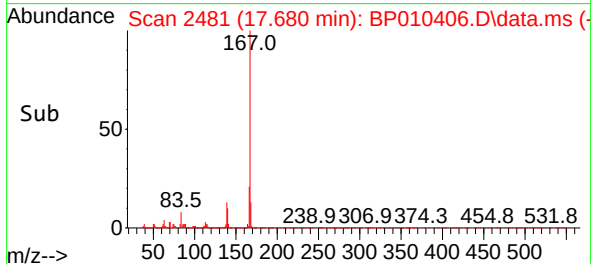
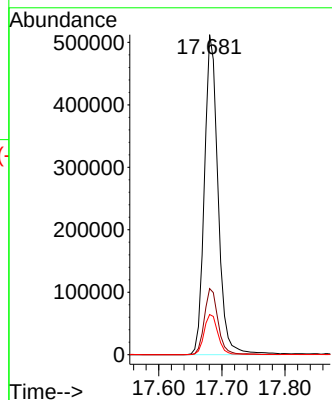


#77
 Carbazole
 Concen: 21.429 ng/ul
 RT: 17.680 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BP010406.D
 Acq: 19 May 2022 16:33

Instrument :
 BNA_P
 ClientSampleId :

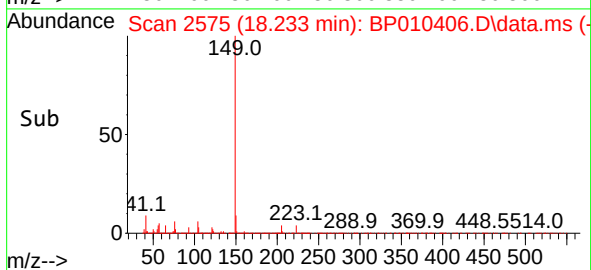
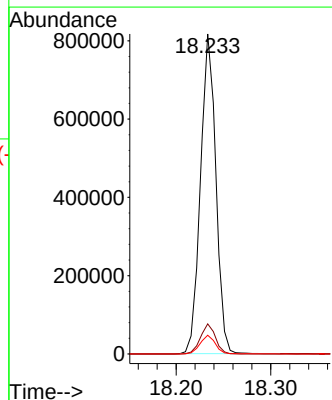
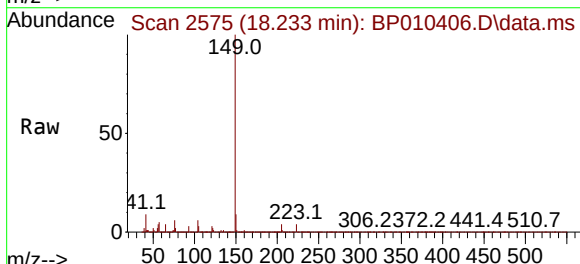


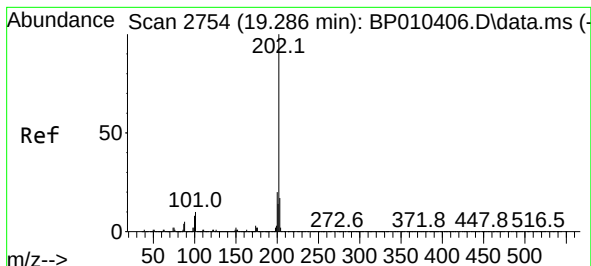
Tgt Ion:167 Resp: 769219
 Ion Ratio Lower Upper
 167 100
 166 20.7 15.8 23.8
 139 12.6 8.3 12.5#



#78
 Di-n-butylphthalate
 Concen: 21.097 ng/ul
 RT: 18.233 min Scan# 2575
 Delta R.T. -0.006 min
 Lab File: BP010406.D
 Acq: 19 May 2022 16:33

Tgt Ion:149 Resp: 922357
 Ion Ratio Lower Upper
 149 100
 150 9.4 9.6 14.4#
 104 5.8 6.2 9.4#

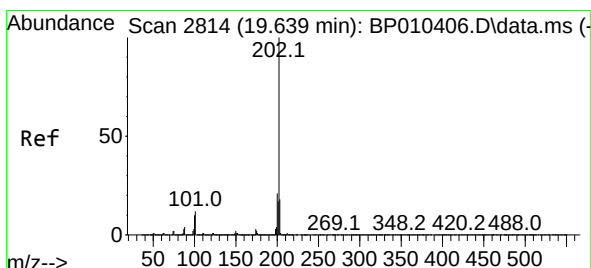
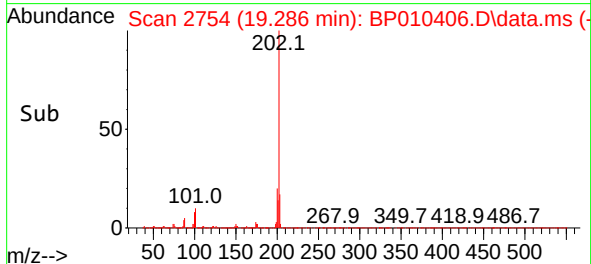
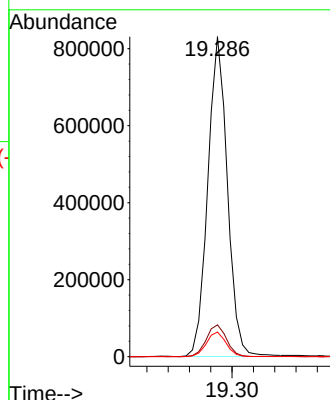
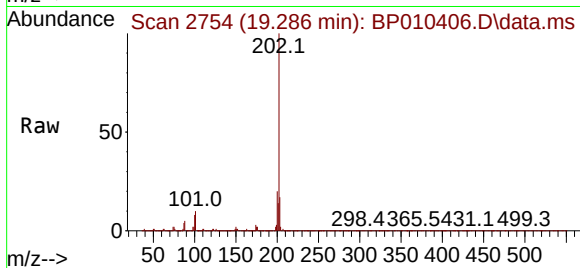




#80
Fluoranthene
Concen: 20.127 ng/ul
RT: 19.286 min Scan# 2754
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

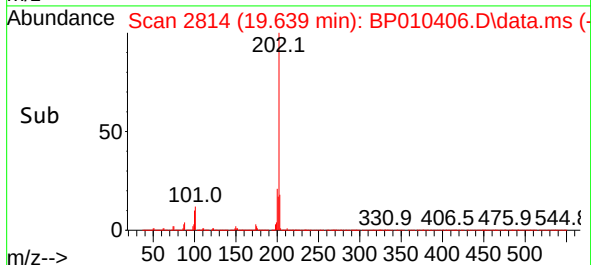
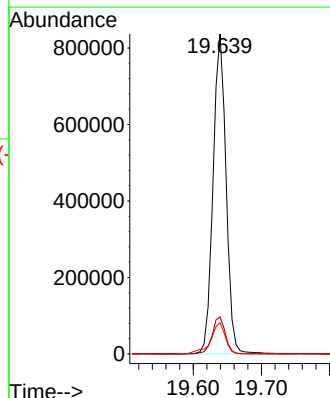
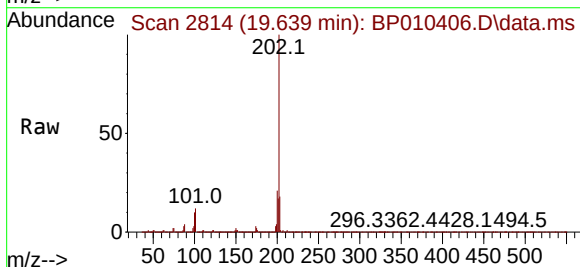
Instrument :
BNA_P
ClientSampleId :

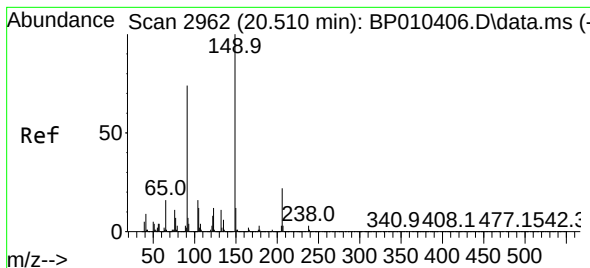
Tgt Ion:202 Resp: 1061691
Ion Ratio Lower Upper
202 100
101 9.9 9.6 14.4
100 7.7 6.3 9.5



#82
Pyrene
Concen: 20.162 ng/ul
RT: 19.639 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:202 Resp: 1109871
Ion Ratio Lower Upper
202 100
101 11.6 10.6 15.8
100 9.7 9.8 14.6#





#83

Butylbenzylphthalate

Concen: 20.587 ng/ul

RT: 20.510 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

Instrument :

BNA_P

ClientSampleId :

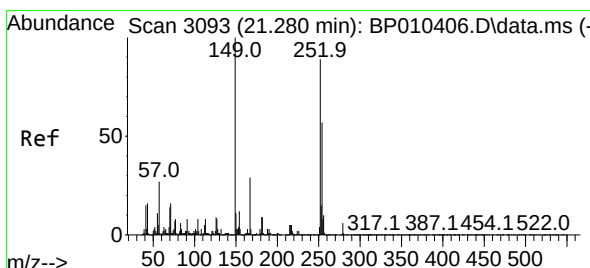
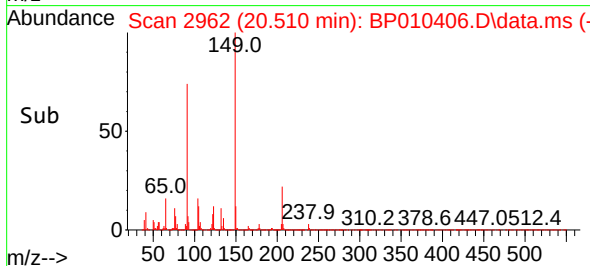
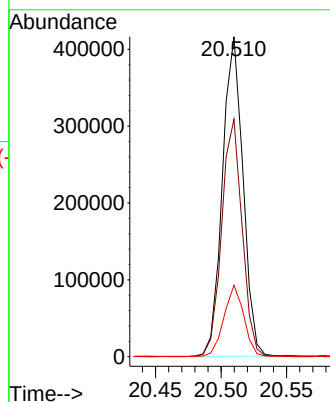
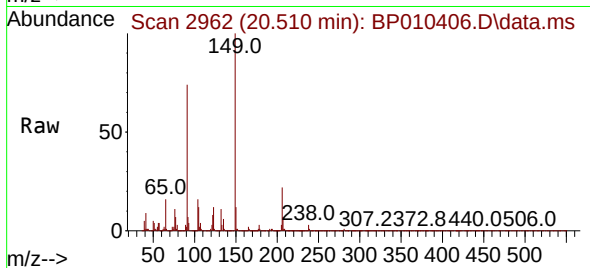
Tgt Ion:149 Resp: 453152

Ion Ratio Lower Upper

149 100

91 74.2 71.1 106.7

206 22.3 28.8 43.2#



#84

3,3'-Dichlorobenzidine

Concen: 20.529 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. 0.000 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

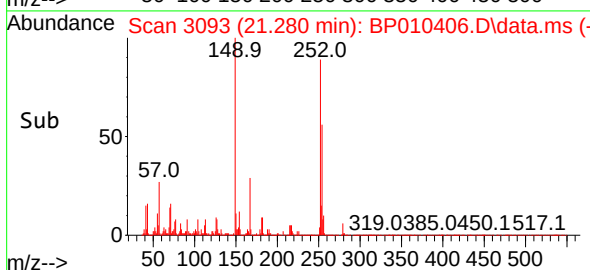
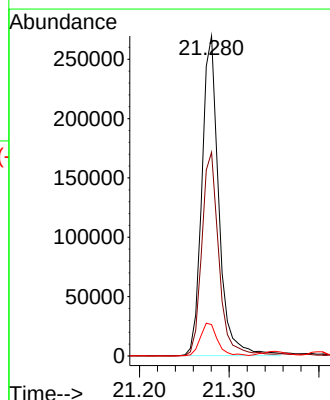
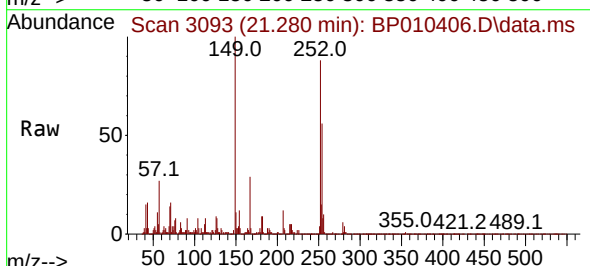
Tgt Ion:252 Resp: 352655

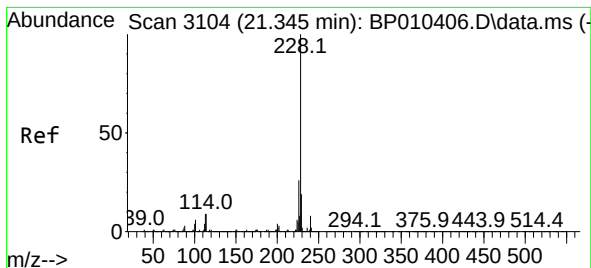
Ion Ratio Lower Upper

252 100

254 63.7 49.8 74.6

126 9.8 4.3 6.5#





#85

Benzo(a)anthracene

Concen: 21.162 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

Instrument :

BNA_P

ClientSampleId :

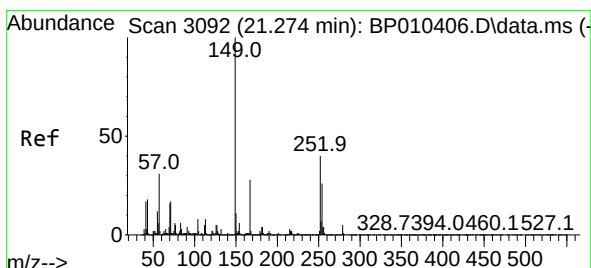
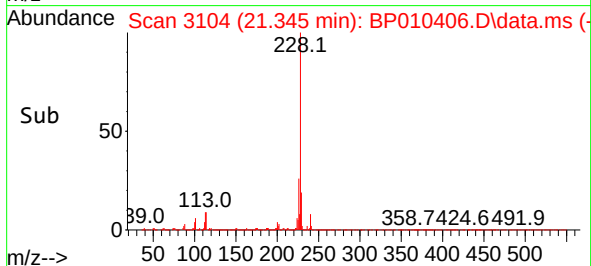
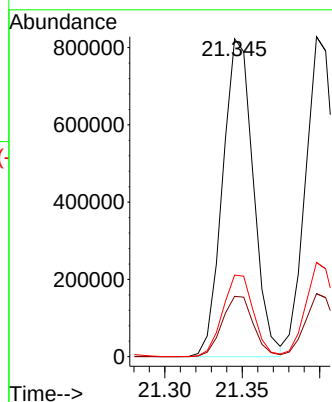
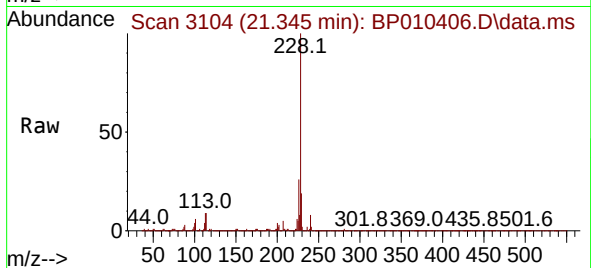
Tgt Ion:228 Resp: 1131070

Ion Ratio Lower Upper

228 100

229 19.0 18.2 27.2

226 25.6 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.108 ng/ul

RT: 21.274 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BP010406.D

Acq: 19 May 2022 16:33

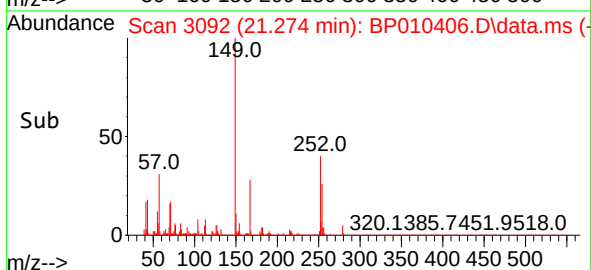
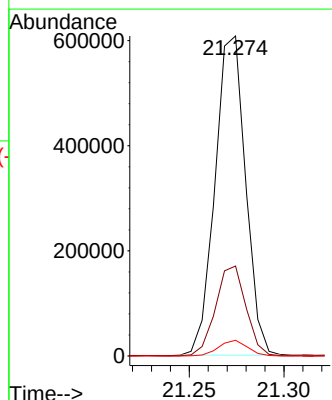
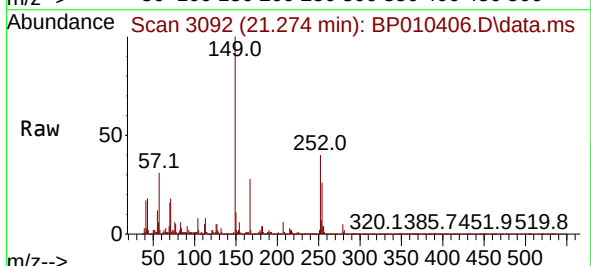
Tgt Ion:149 Resp: 681811

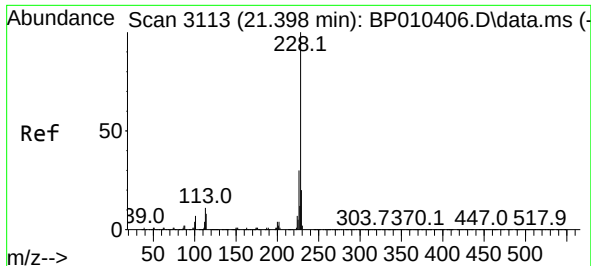
Ion Ratio Lower Upper

149 100

167 28.1 32.8 49.2#

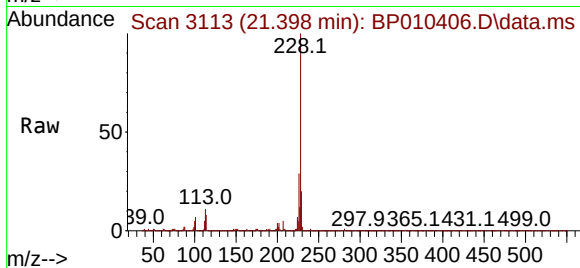
279 4.9 5.6 8.4#



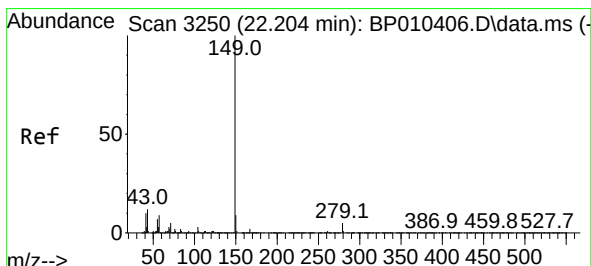
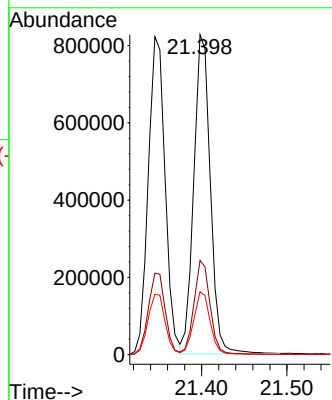
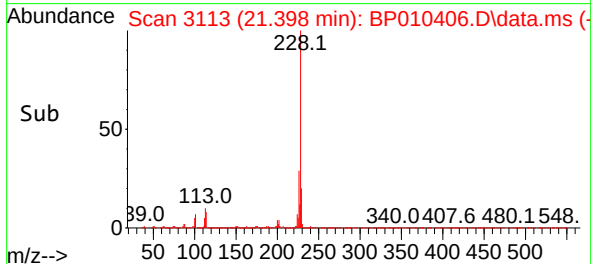


#87
Chrysene
Concen: 21.169 ng/ul
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Instrument :
BNA_P
ClientSampleId :

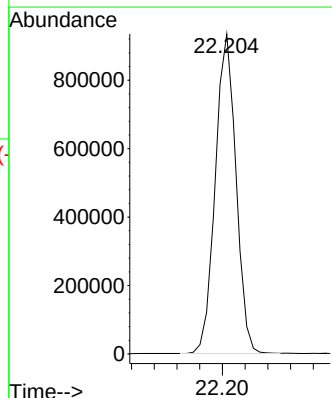
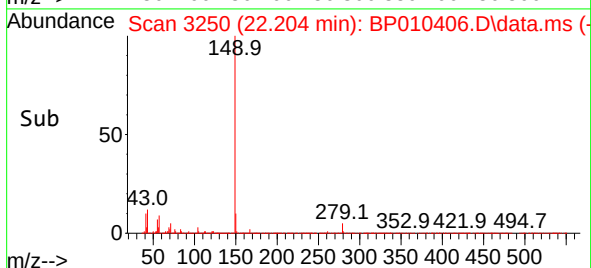
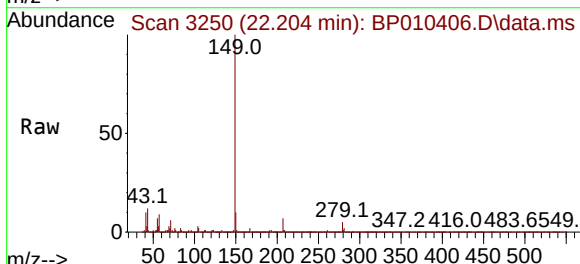


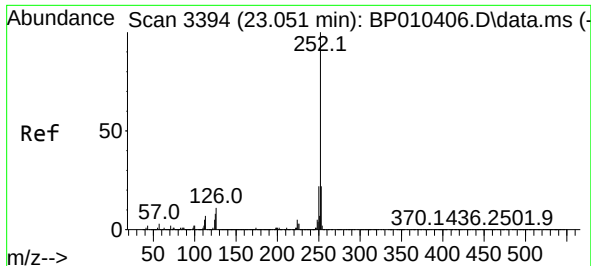
Tgt Ion:228 Resp: 1112909
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 19.7 15.2 22.8



#89
Di-n-octyl phthalate
Concen: 18.524 ng/ul
RT: 22.204 min Scan# 3250
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:149 Resp: 1180799

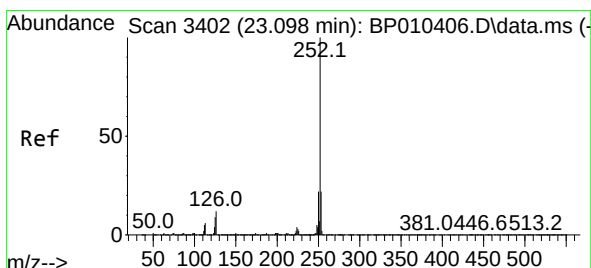
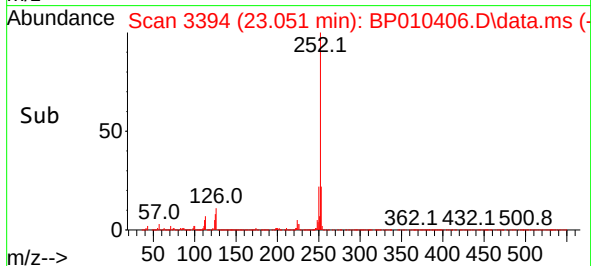
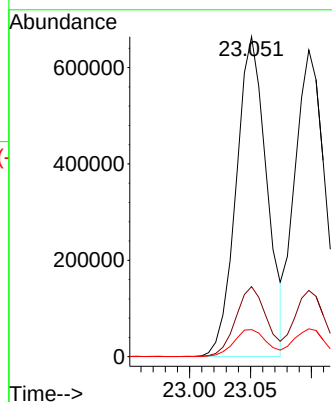
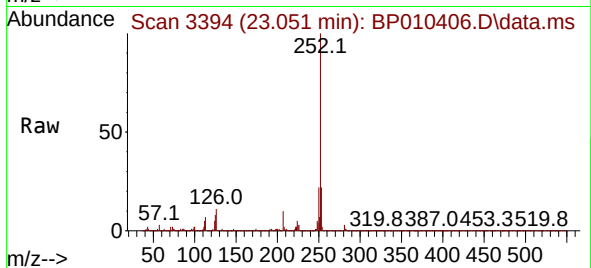




#90
Benzo(b)fluoranthene
Concen: 20.503 ng/ul
RT: 23.051 min Scan# 311
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

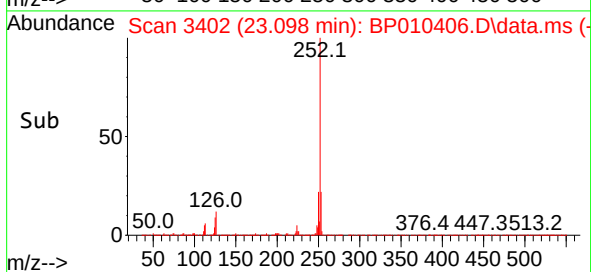
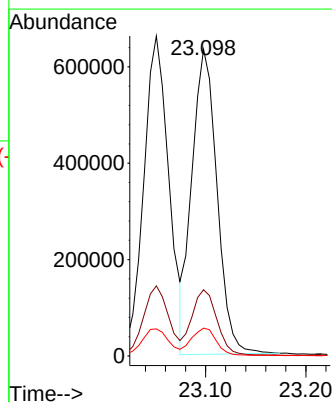
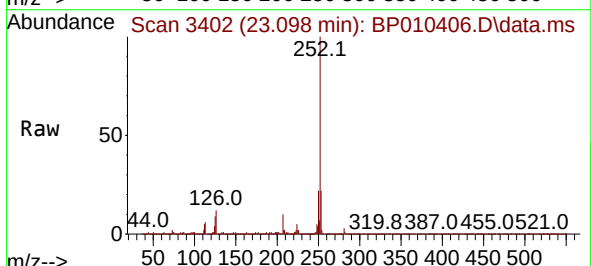
Instrument :
BNA_P
ClientSampleId :

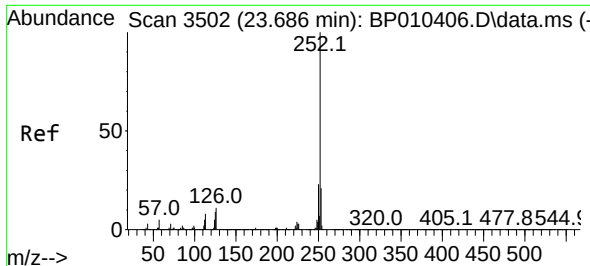
Tgt Ion:252 Resp: 1161177
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.5 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 20.478 ng/ul
RT: 23.098 min Scan# 3402
Delta R.T. 0.000 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:252 Resp: 1102289
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 9.1 5.1 7.7#

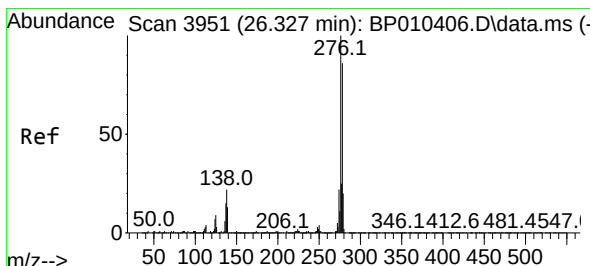
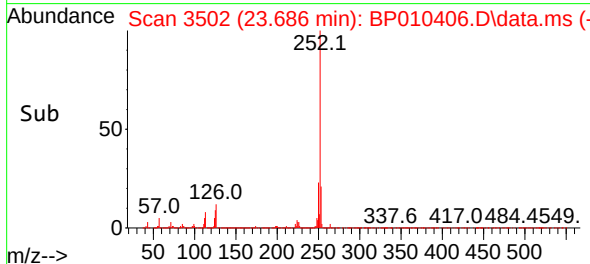
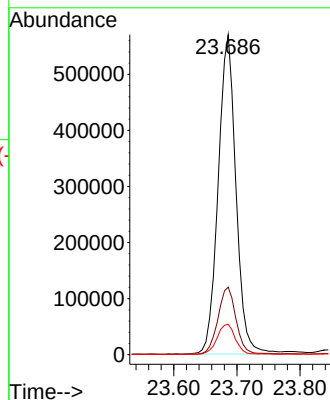
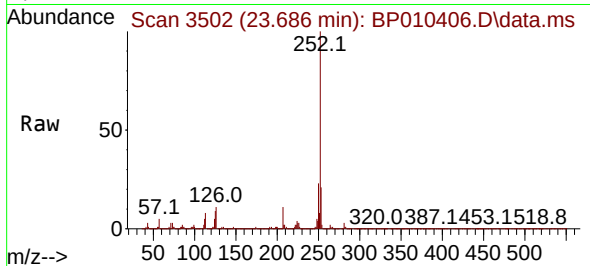




#93
Benzo(a)pyrene
Concen: 21.143 ng/ul
RT: 23.686 min Scan# 3502
Delta R.T. 0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

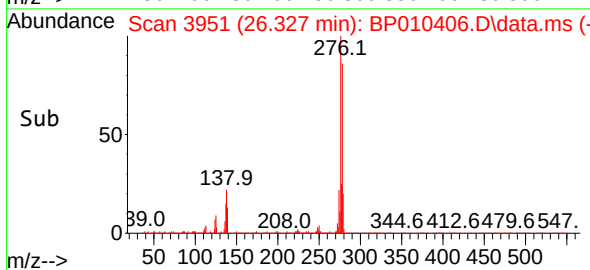
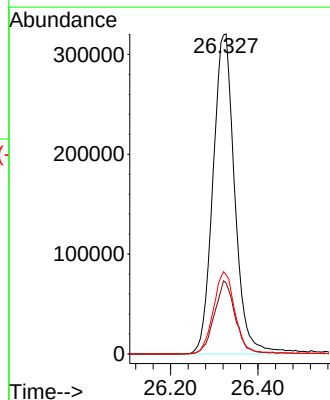
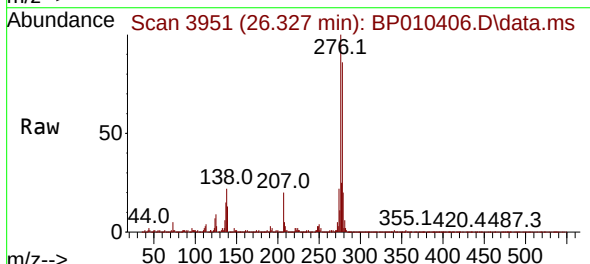
Instrument :
BNA_P
ClientSampleId :

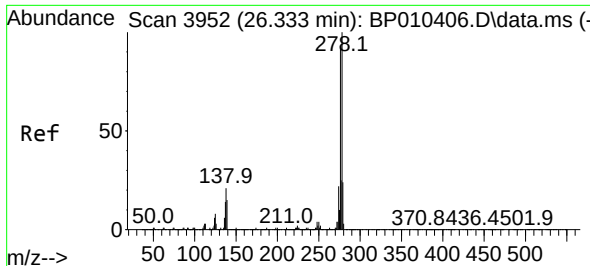
Tgt Ion:252 Resp: 1112549
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 9.5 6.4 9.6



#94
Indeno(1,2,3-cd)pyrene
Concen: 22.280 ng/ul
RT: 26.327 min Scan# 3951
Delta R.T. 0.006 min
Lab File: BP010406.D
Acq: 19 May 2022 16:33

Tgt Ion:276 Resp: 1102909
Ion Ratio Lower Upper
276 100
138 22.2 12.3 18.5#
277 24.7 19.3 28.9

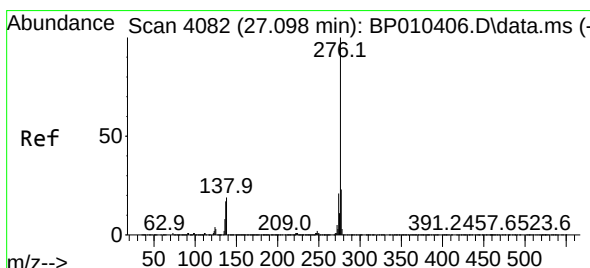
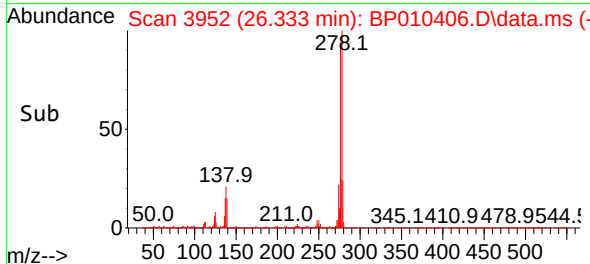
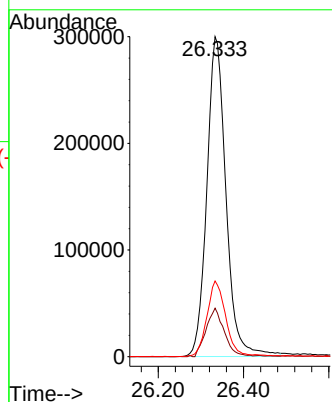
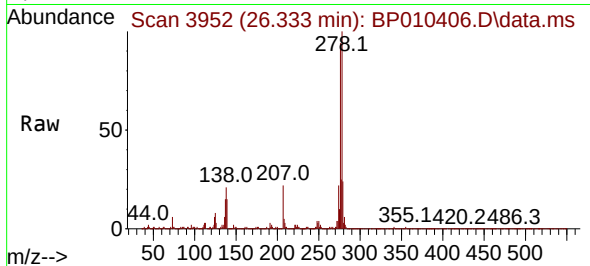




#95
 Dibenzo(a,h)anthracene
 Concen: 21.797 ng/ul
 RT: 26.333 min Scan# 3952
 Delta R.T. 0.000 min
 Lab File: BP010406.D
 Acq: 19 May 2022 16:33

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 936246
 Ion Ratio Lower Upper
 278 100
 139 15.1 6.6 10.0#
 279 23.7 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 22.687 ng/ul
 RT: 27.098 min Scan# 4082
 Delta R.T. 0.006 min
 Lab File: BP010406.D
 Acq: 19 May 2022 16:33

Tgt Ion:276 Resp: 937744
 Ion Ratio Lower Upper
 276 100
 138 18.5 11.6 17.4#
 277 22.9 15.9 23.9

