

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010462.D
 Acq On : 21 May 2022 07:00
 Operator : CG/JU
 Sample : N2843-04MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MSD

Quant Time: May 23 00:43:11 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	195265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	840824	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.522	164	536564	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.275	188	1121057	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	983219	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	839275	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	144	0.031	ng/uL	-0.18
4) Pyridine-d5	3.764	84	46616	3.584	ng/u1	0.00
7) Phenol-d5	7.058	99	143903	8.780	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	108276	9.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	114709	9.147	ng/u1	-0.01
15) 4-Methylphenol-d8	8.599	113	113464	8.146	ng/u1	-0.01
21) Nitrobenzene-d5	9.052	128	69664	10.705	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	50000	7.250	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	370	0.028	ng/u1	0.10
31) 4-Chloroaniline-d4	10.828	131	144811	7.469	ng/u1	-0.01
46) Dimethylphthalate-d6	13.934	166	372091	9.412	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	494306	10.840	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	32099	4.562	ng/u1	0.00
60) Fluorene-d10	15.516	176	392461	11.411	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	9238	1.409	ng/u1	0.00
73) Anthracene-d10	17.375	188	622265	12.258	ng/u1	0.00
81) Pyrene-d10	19.610	212	729791	13.976	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	523940	12.432	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	36090	7.605	ng/uL#	20
5) Pyridine	3.781	79	159452	11.795	ng/u1#	43
6) Benzaldehyde	7.028	77	256053	29.554	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.311	93	322345	23.188	ng/u1#	76
12) 2-Chlorophenol	7.458	128	323157	24.684	ng/u1	96
13) 2-Methylphenol	8.334	108	288674	21.871	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	518515	22.886	ng/u1#	83
16) Acetophenone	8.716	105	518069	23.674	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.699	70	265683	22.685	ng/u1#	73
18) 4-Methylphenol	8.663	108	326324	22.370	ng/u1	92
19) Hexachloroethane	8.969	117	134015	23.537	ng/u1#	80
22) Nitrobenzene	9.093	77	408898	23.911	ng/u1#	85
23) Isophorone	9.622	82	746271	23.610	ng/u1#	96
25) 2-Nitrophenol	9.805	139	185706	24.524	ng/u1#	84
26) 2,4-Dimethylphenol	9.869	107	167609	10.201	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.099	93	437918	23.268	ng/u1#	96
30) Naphthalene	10.740	128	1082332	24.645	ng/u1	96
32) 4-Chloroaniline	10.852	127	394238	20.488	ng/u1	97
33) Hexachlorobutadiene	11.034	225	224288	23.741	ng/u1	96
34) Caprolactam	11.628	113	114298	24.566	ng/u1#	1
35) 4-Chloro-3-methylphenol	11.981	107	400130	25.656	ng/u1#	71
36) 2-Methylnaphthalene	12.352	142	738456	23.752	ng/u1	92
37) 1-Methylnaphthalene	12.569	142	763439	24.320	ng/u1#	97
39) 1,2,4,5-Tetrachloroben...	12.722	216	417000	25.467	ng/u1	94

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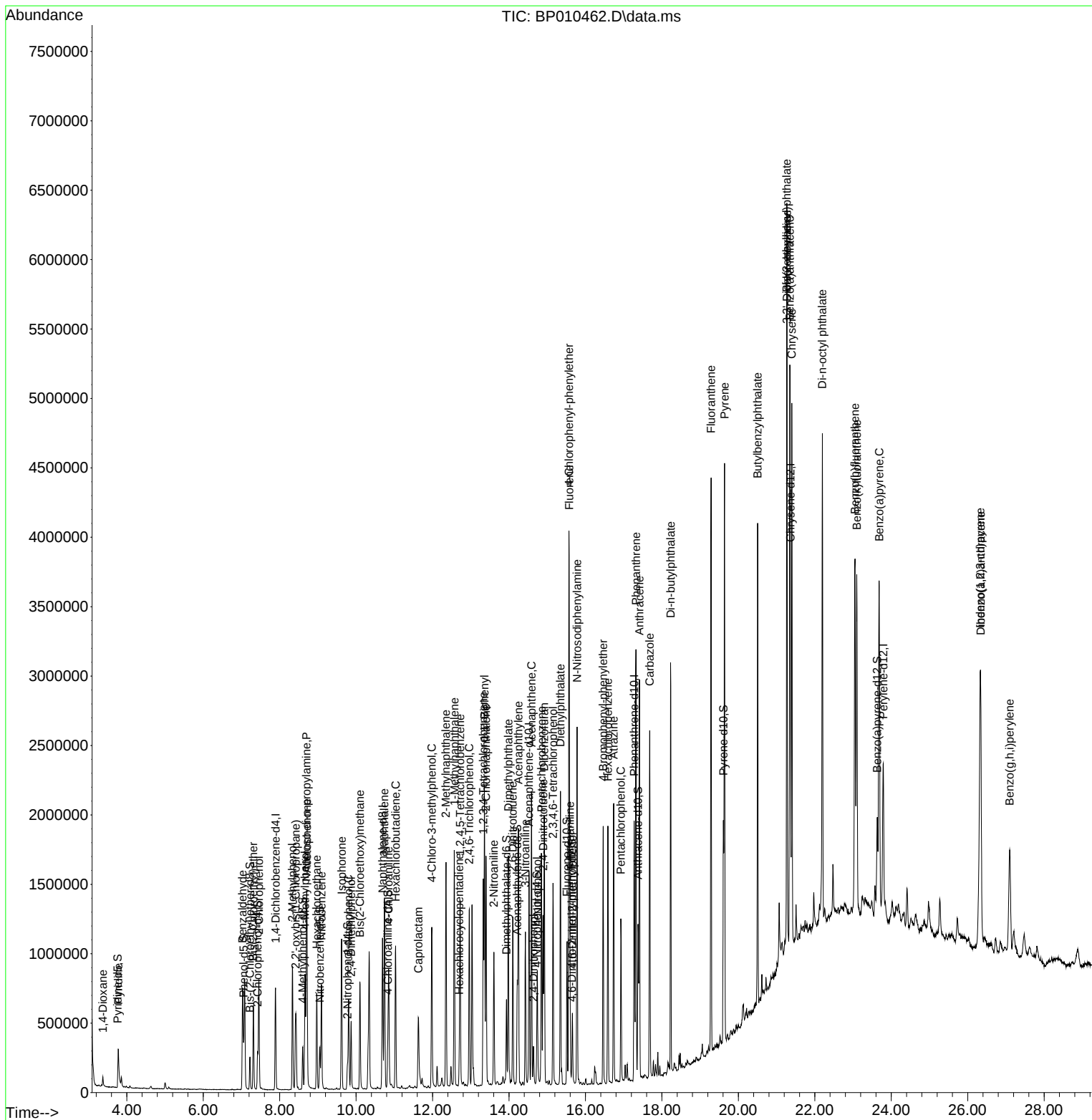
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 ClientSampleId :
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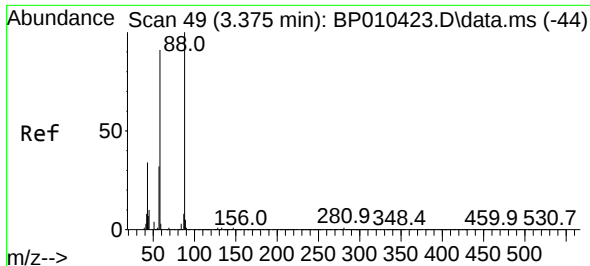
Quant Time: May 23 00:43:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.699	237	59509	6.685	ng/ul	98
41) 2,4,6-Trichlorophenol	12.963	196	288608	28.276	ng/ul#	84
43) 1,1'-Biphenyl	13.357	154	985058	25.012	ng/ul#	92
44) 2-Chloronaphthalene	13.399	162	772008	25.379	ng/ul	94
45) 2-Nitroaniline	13.604	65	279812	27.950	ng/ul#	77
47) Dimethylphthalate	13.981	163	982804	25.063	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	223406	27.948	ng/ul	94
50) Acenaphthylene	14.246	152	1252346	25.387	ng/ul	96
51) 3-Nitroaniline	14.428	138	218891	29.176	ng/ul#	81
52) Acenaphthene	14.587	153	834528	25.933	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	55140	12.355	ng/ul#	70
55) 4-Nitrophenol	14.740	109	152930	24.443	ng/ul#	40
56) Dibenzofuran	14.922	168	1221563	25.902	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	333981	29.023	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.151	232	277816	28.349	ng/ul#	86
59) Diethylphthalate	15.345	149	1065241	26.622	ng/ul	93
61) Fluorene	15.575	166	1030411	26.718	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	527654	26.302	ng/ul	99
63) 4-Nitroaniline	15.593	138	232352	31.366	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.657	198	99142	15.163	ng/ul#	91
67) N-Nitrosodiphenylamine	15.781	169	907536	28.866	ng/ul	94
68) 4-Bromophenyl-phenylether	16.463	248	332741	28.820	ng/ul	95
69) Hexachlorobenzene	16.587	284	379010	28.540	ng/ul#	89
70) Atrazine	16.740	200	363774	28.883	ng/ul#	88
71) Pentachlorophenol	16.928	266	200453	24.056	ng/ul#	84
72) Phenanthrene	17.322	178	1851776	30.951	ng/ul	99
74) Anthracene	17.410	178	1722896	28.706	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	426046	25.007	ng/ul#	86
76) Pentachlorobenzene	14.851	250	424547	27.464	ng/ul	89
77) Carbazole	17.681	167	1555820	29.496	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	1969892	30.663	ng/ul#	93
80) Fluoranthene	19.286	202	2413340	39.772	ng/ul	96
82) Pyrene	19.639	202	2381937	37.615	ng/ul#	95
83) Butylbenzylphthalate	20.504	149	900046	35.545	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.275	252	395945	20.036	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	2051976	33.374	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	1330028	35.795	ng/ul#	81
87) Chrysene	21.398	228	1966976	32.524	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	2219871	35.258	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1918680	34.299	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	1682057	31.637	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	1705402	32.813	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	1692122	34.607	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.339	278	1343977	31.678	ng/ul#	94
96) Benzo(g,h,i)perylene	27.098	276	1019774	24.978	ng/ul#	90

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

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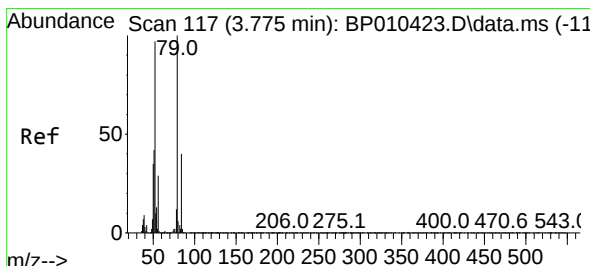
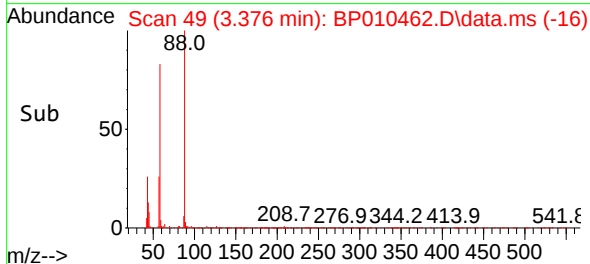
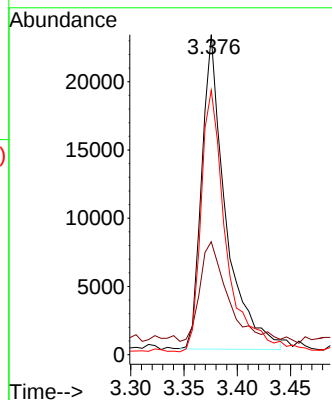
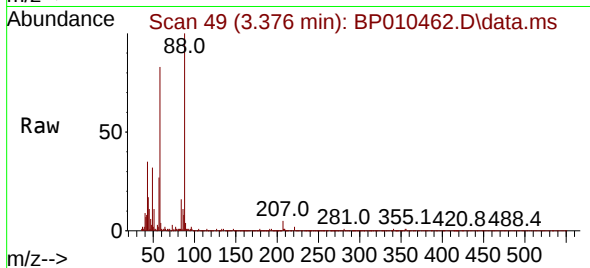




#2
1,4-Dioxane
Concen: 7.605 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. -0.005 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

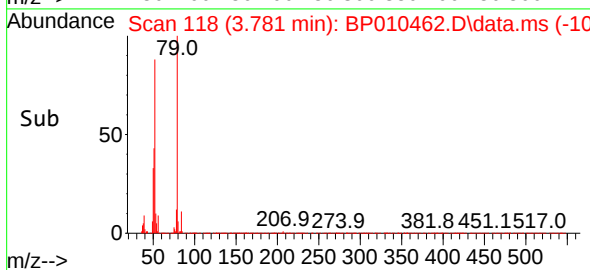
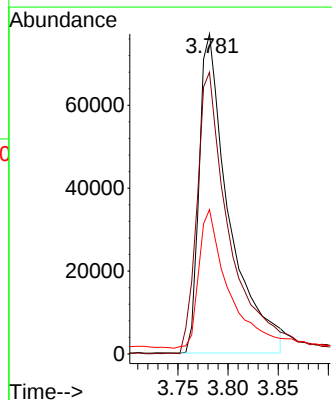
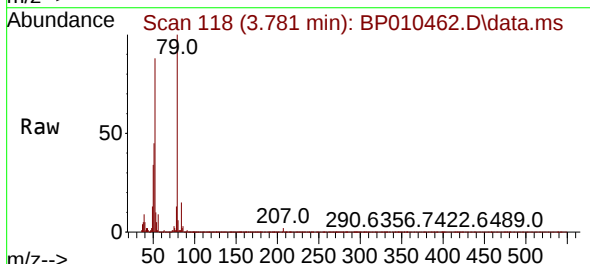
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

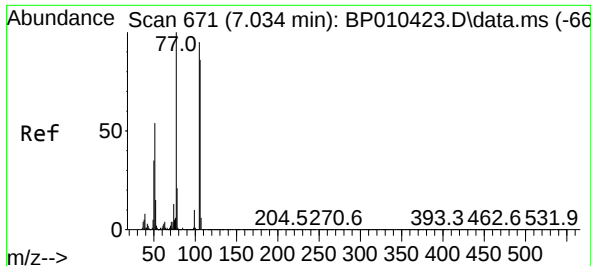
Tgt Ion: 88 Resp: 36090
Ion Ratio Lower Upper
88 100
43 35.3 6.8 10.2#
58 82.7 28.4 42.6#



#5
Pyridine
Concen: 11.795 ng/uL
RT: 3.781 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion: 79 Resp: 159452
Ion Ratio Lower Upper
79 100
52 88.1 35.5 53.3#
51 45.1 20.2 30.4#

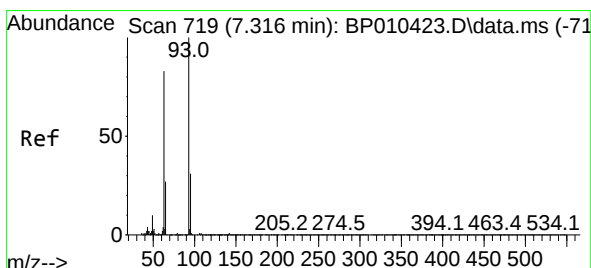
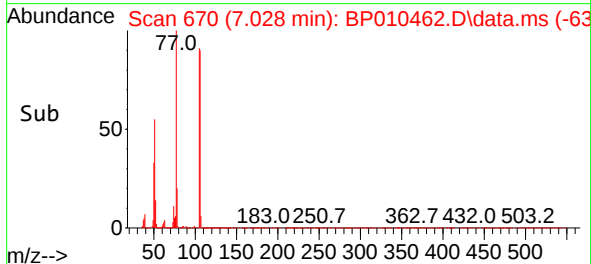
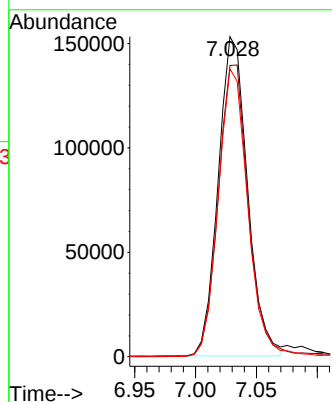
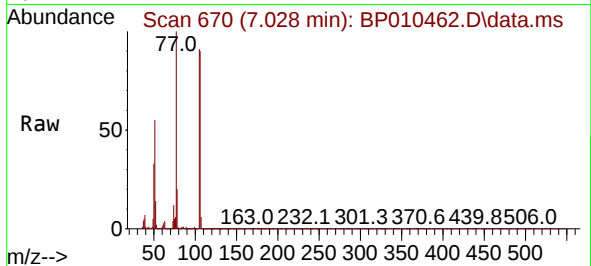




#6
Benzaldehyde
Concen: 29.554 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

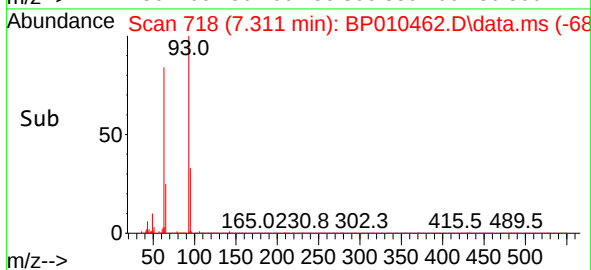
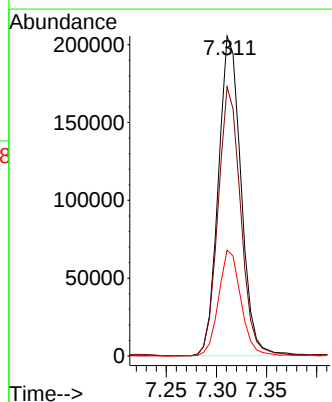
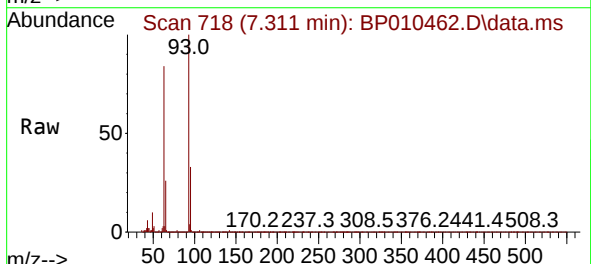
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

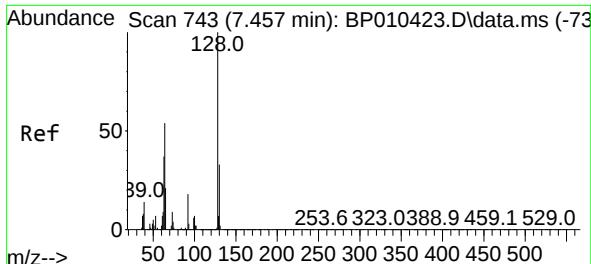
Tgt Ion: 77 Resp: 256053
Ion Ratio Lower Upper
77 100
105 91.0 77.0 115.4
106 89.9 77.0 115.4



#10
Bis(2-Chloroethyl)ether
Concen: 23.188 ng/ul
RT: 7.311 min Scan# 718
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion: 93 Resp: 322345
Ion Ratio Lower Upper
93 100
63 84.1 45.0 67.4#
95 33.1 26.3 39.5

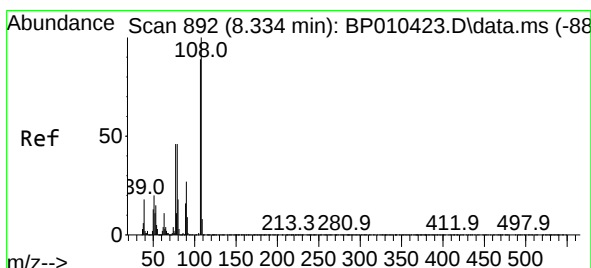
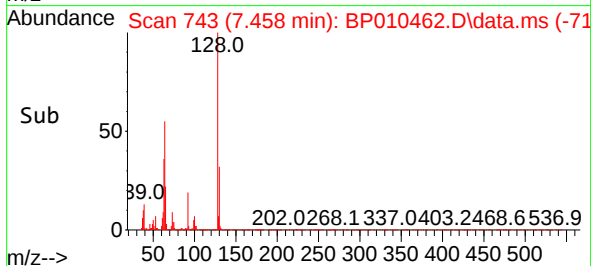
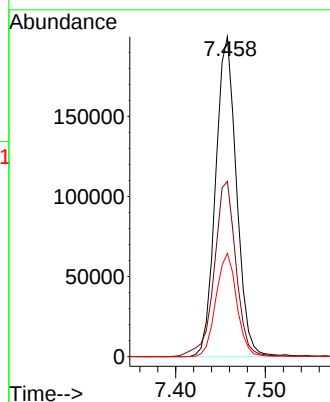
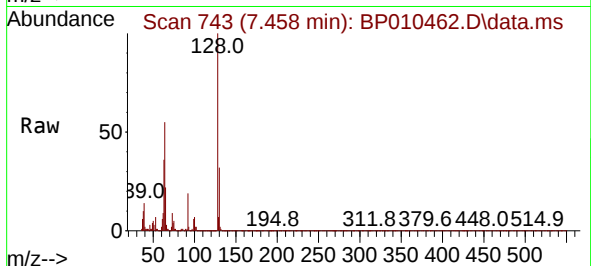




#12
2-Chlorophenol
Concen: 24.684 ng/ul
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

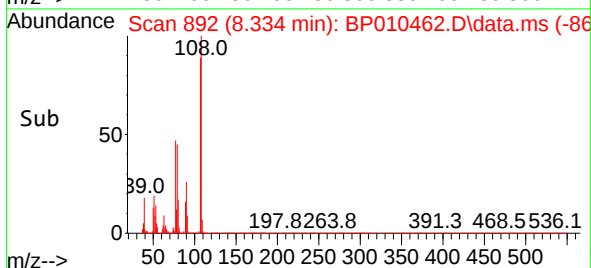
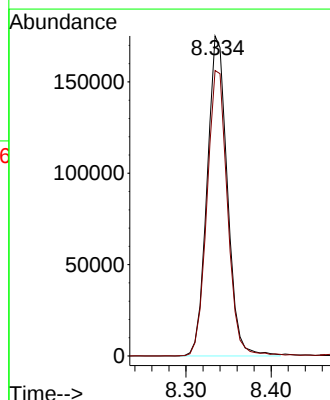
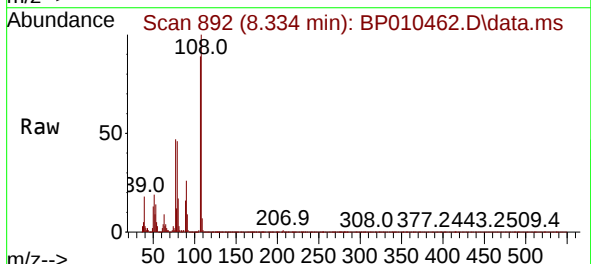
Instrument :
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ClientSampleId :
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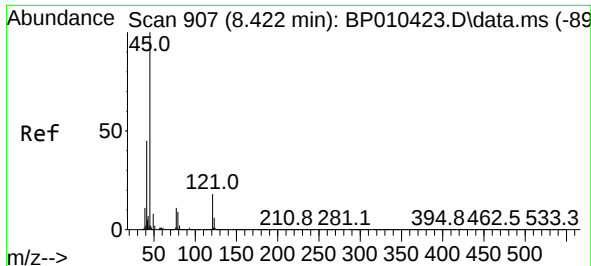
Tgt Ion:128 Resp: 323157
Ion Ratio Lower Upper
128 100
64 54.8 45.3 67.9
130 32.3 29.0 43.6



#13
2-Methylphenol
Concen: 21.871 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:108 Resp: 288674
Ion Ratio Lower Upper
108 100
107 89.2 70.8 106.2

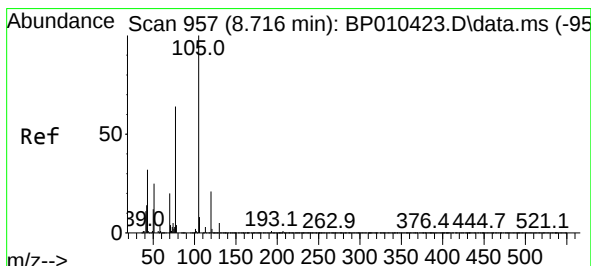
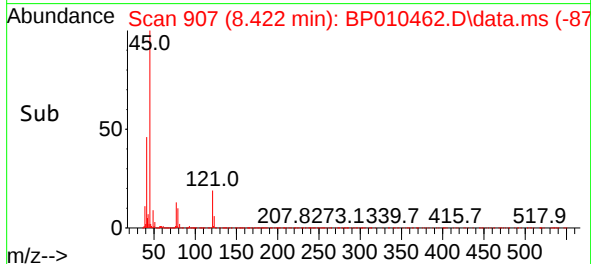
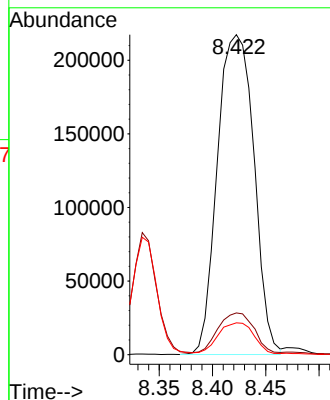
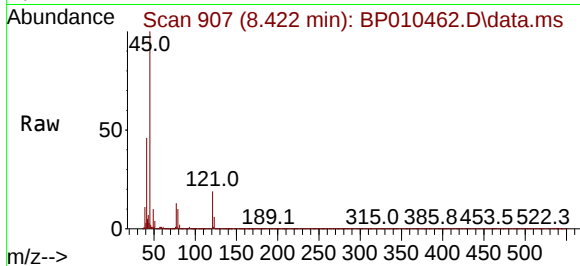




#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.886 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

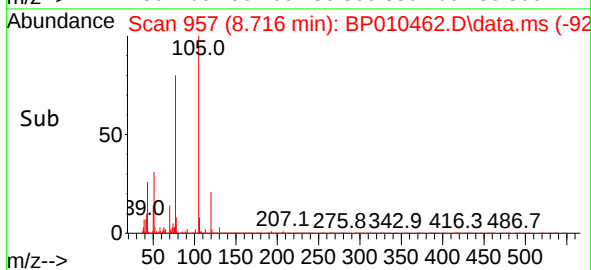
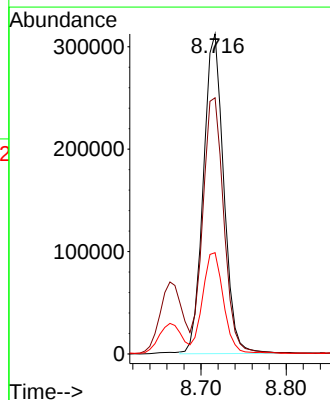
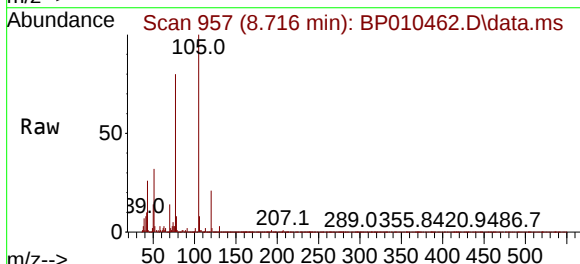
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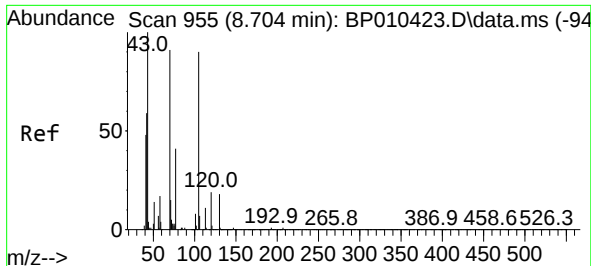
Tgt Ion: 45 Resp: 518515
Ion Ratio Lower Upper
45 100
77 13.0 17.1 25.7#
79 9.9 13.2 19.8#



#16
Acetophenone
Concen: 23.674 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion: 105 Resp: 518069
Ion Ratio Lower Upper
105 100
77 80.1 53.4 80.2
51 31.6 13.8 20.8#

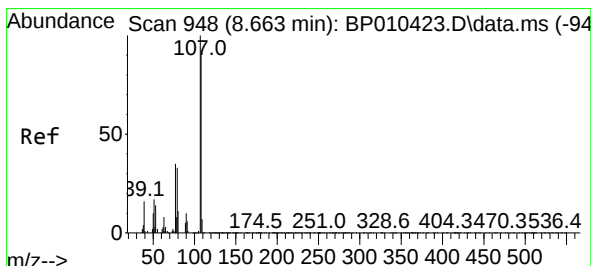
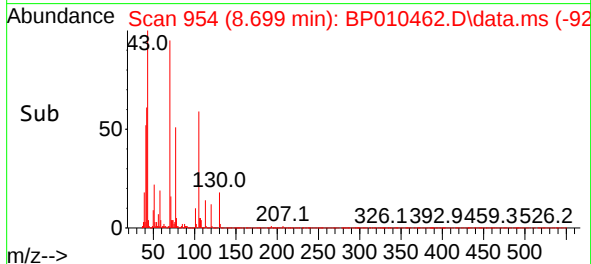
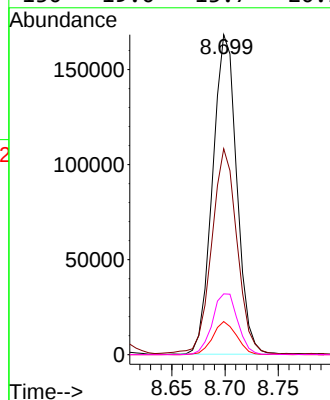
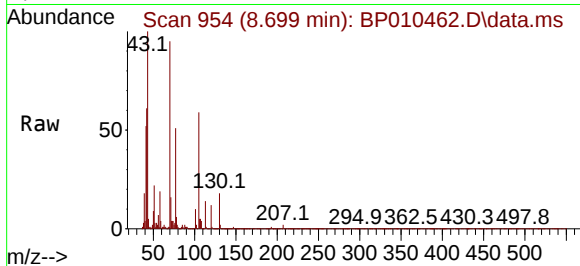




#17
N-Nitroso-di-n-propylamine
Concen: 22.685 ng/ul
RT: 8.699 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

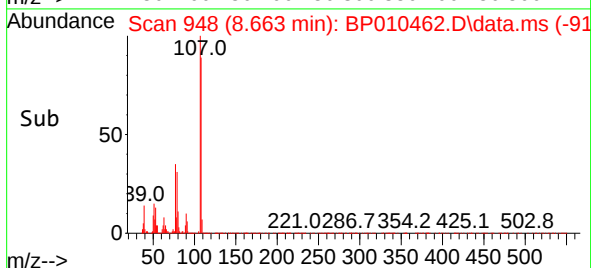
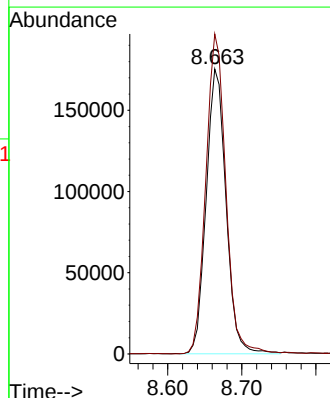
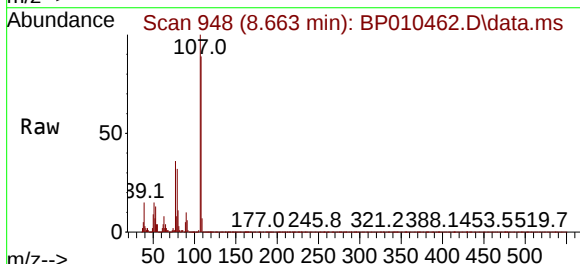
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

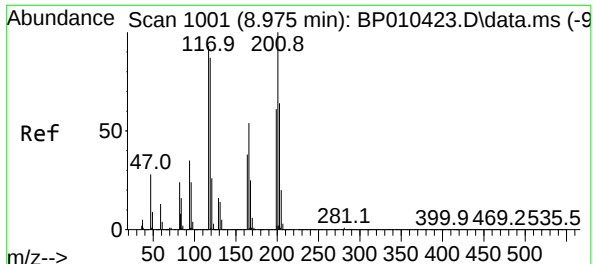
Tgt Ion: 70 Resp: 265683
Ion Ratio Lower Upper
70 100
42 64.4 31.8 47.8#
101 10.4 15.6 23.4#
130 19.0 13.7 20.5



#18
4-Methylphenol
Concen: 22.370 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion: 108 Resp: 326324
Ion Ratio Lower Upper
108 100
107 112.3 83.6 125.4

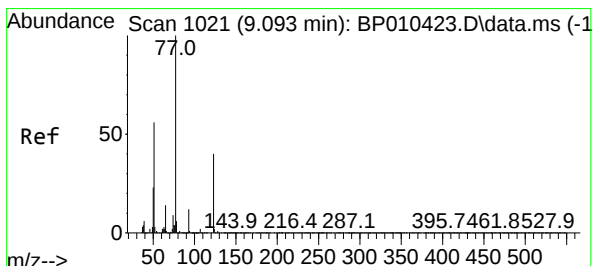
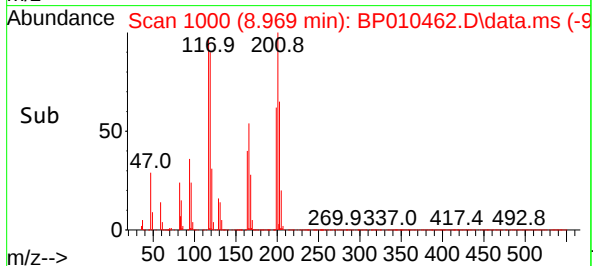
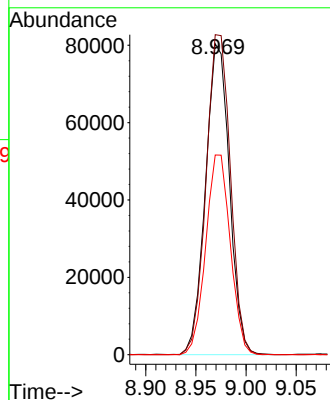
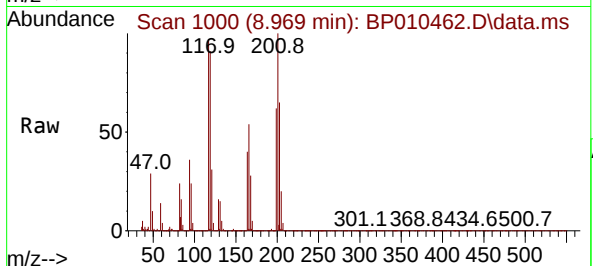




#19
Hexachloroethane
Concen: 23.537 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

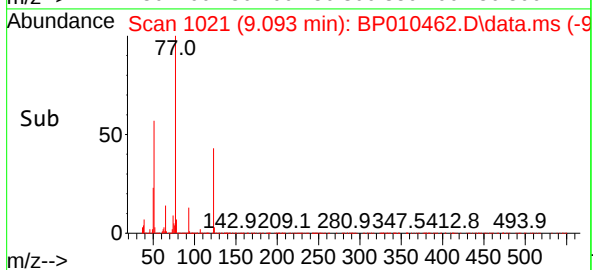
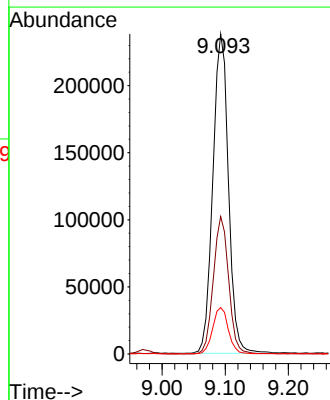
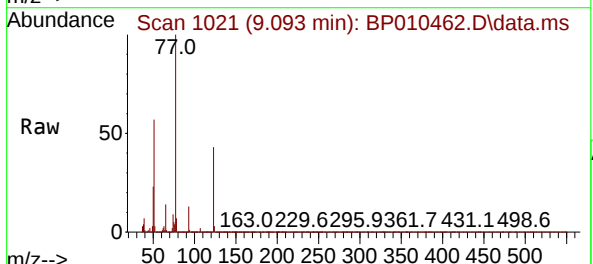
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

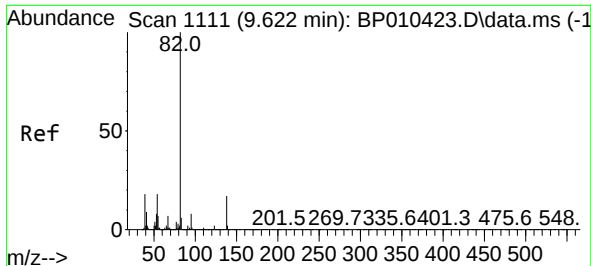
Tgt Ion:117 Resp: 134015
Ion Ratio Lower Upper
117 100
201 102.9 106.5 159.7#
199 64.2 59.0 88.6



#22
Nitrobenzene
Concen: 23.911 ng/ul
RT: 9.093 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion: 77 Resp: 408898
Ion Ratio Lower Upper
77 100
123 42.9 42.3 63.5
65 14.5 5.8 8.8#

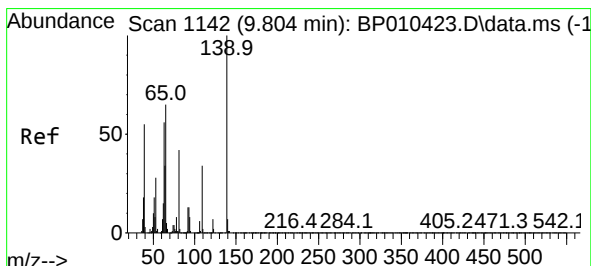
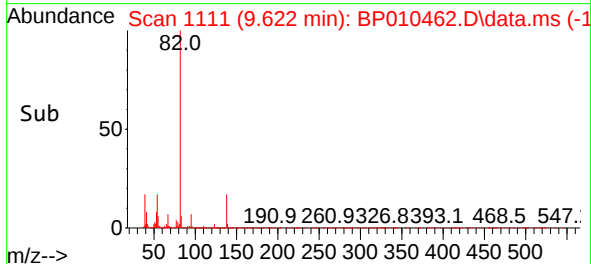
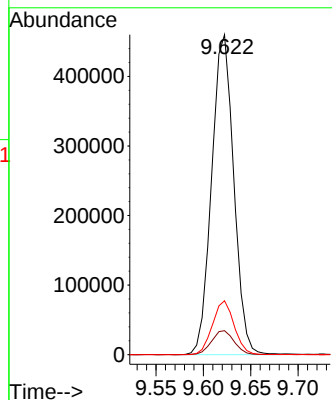
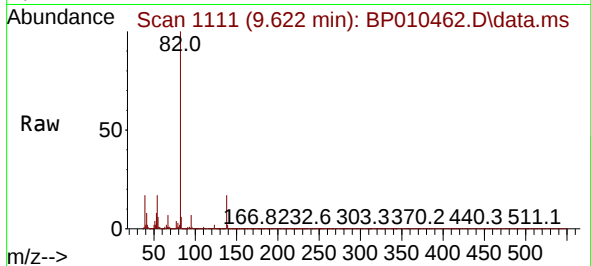




#23
Isophorone
Concen: 23.610 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

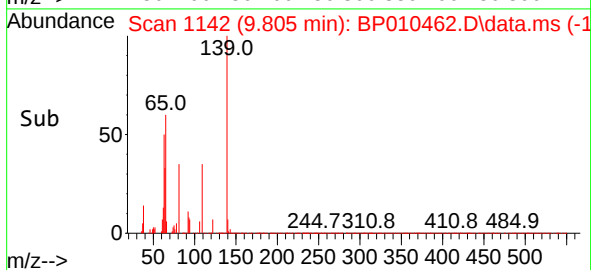
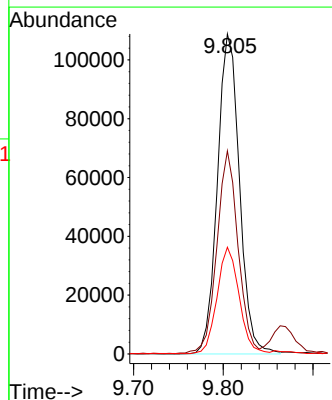
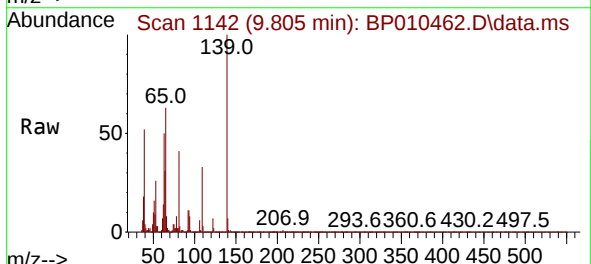
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

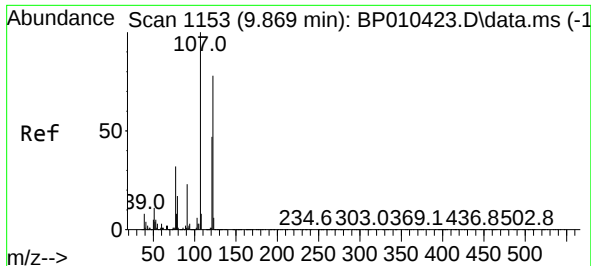
Tgt Ion: 82 Resp: 746271
Ion Ratio Lower Upper
82 100
95 7.5 7.8 11.8#
138 16.9 12.9 19.3



#25
2-Nitrophenol
Concen: 24.524 ng/ul
RT: 9.805 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion: 139 Resp: 185706
Ion Ratio Lower Upper
139 100
65 63.4 49.4 74.2
109 33.3 44.7 67.1#

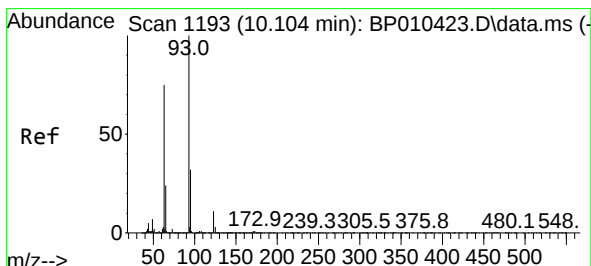
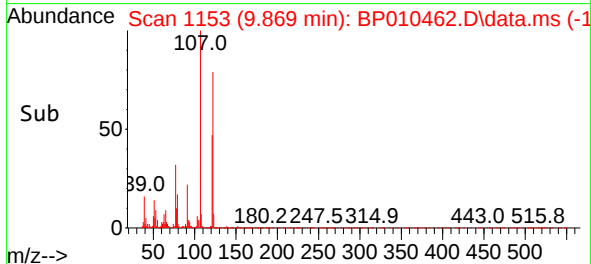
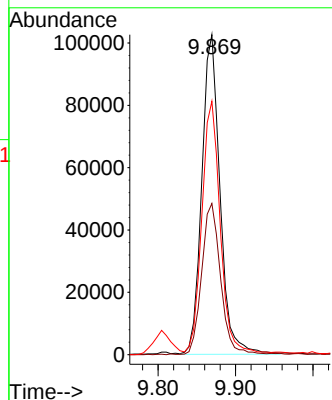
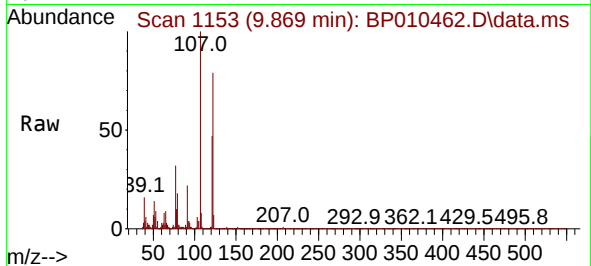




#26
2,4-Dimethylphenol
Concen: 10.201 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

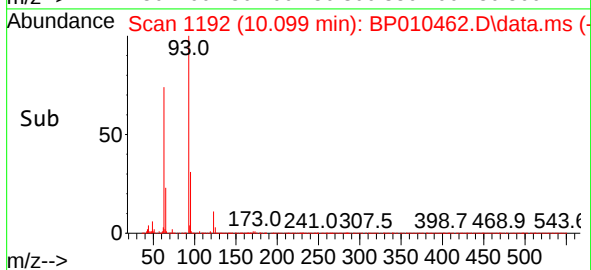
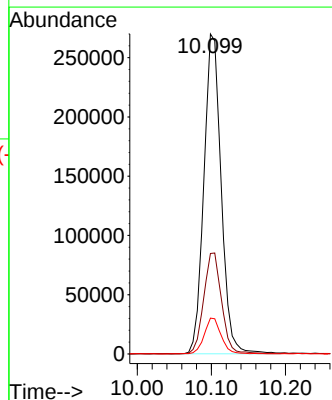
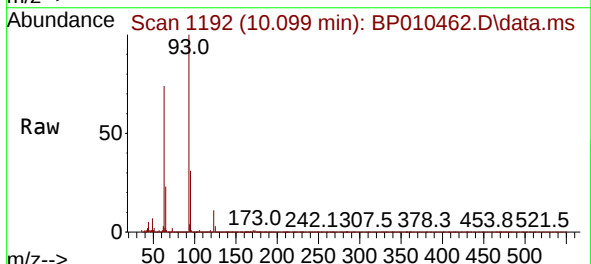
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

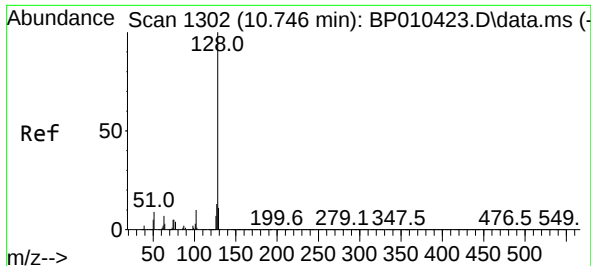
Tgt Ion:107 Resp: 167609
Ion Ratio Lower Upper
107 100
121 47.3 34.1 51.1
122 79.2 46.3 69.5#



#27
Bis(2-Chloroethoxy)methane
Concen: 23.268 ng/ul
RT: 10.099 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion: 93 Resp: 437918
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.4
123 11.2 6.2 9.4#

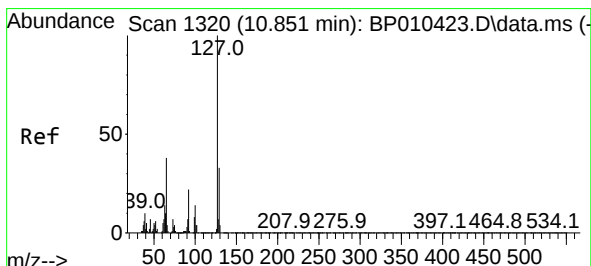
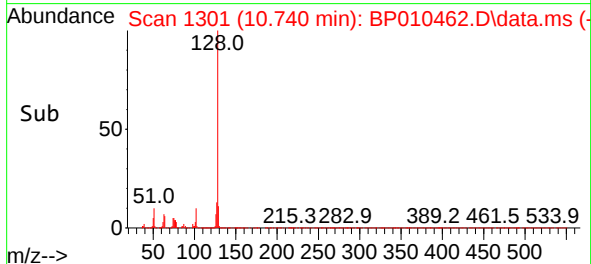
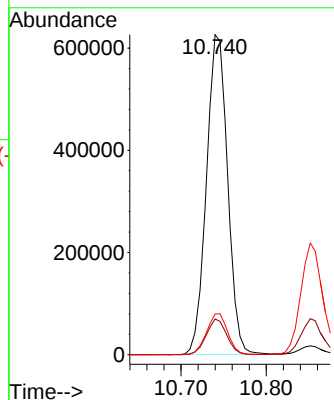
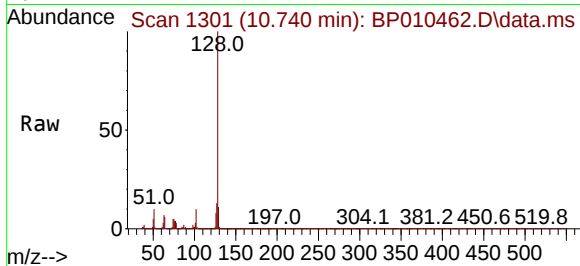




#30
Naphthalene
Concen: 24.645 ng/ul
RT: 10.740 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

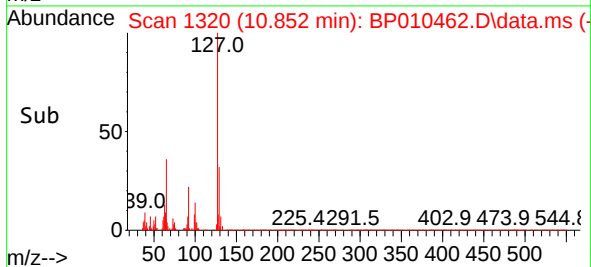
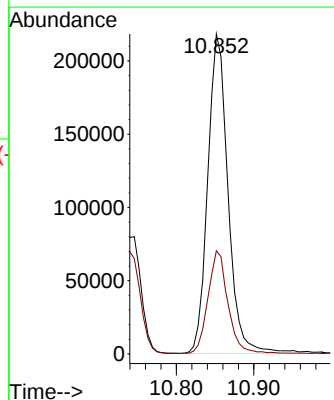
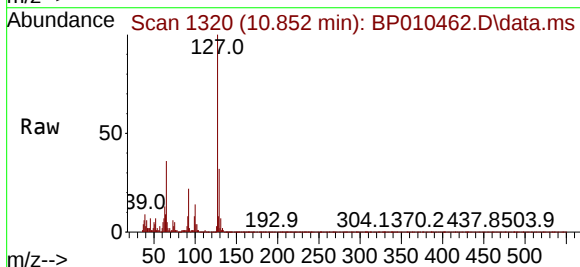
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

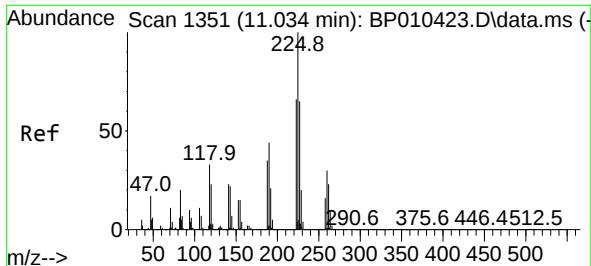
Tgt Ion:128 Resp: 1082332
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.7 12.2 18.4



#32
4-Chloroaniline
Concen: 20.488 ng/ul
RT: 10.852 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:127 Resp: 394238
Ion Ratio Lower Upper
127 100
129 32.3 24.6 37.0

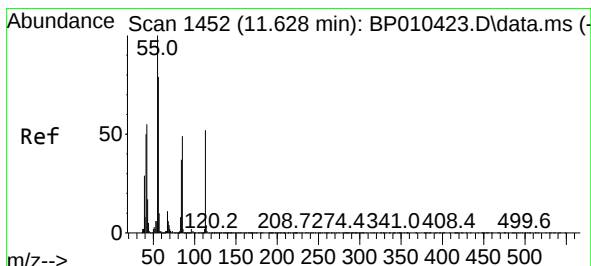
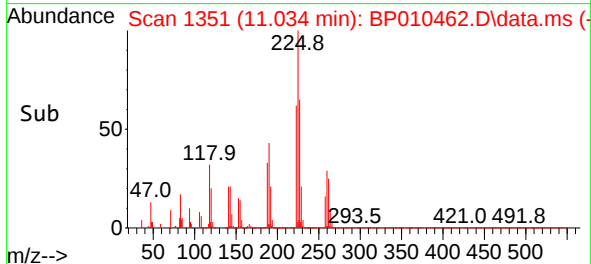
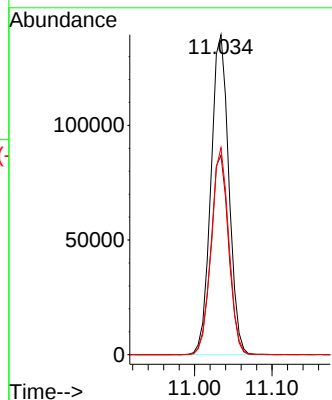
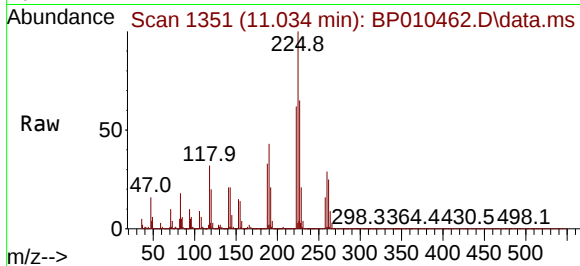




#33
Hexachlorobutadiene
Concen: 23.741 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

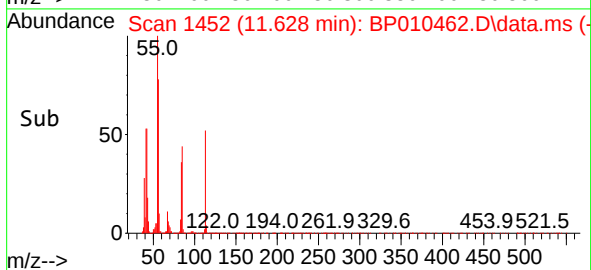
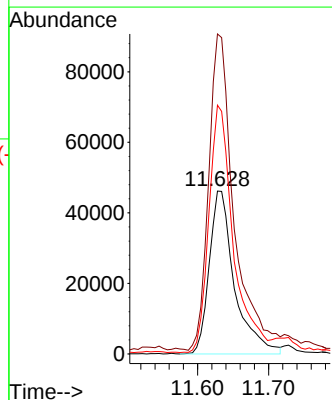
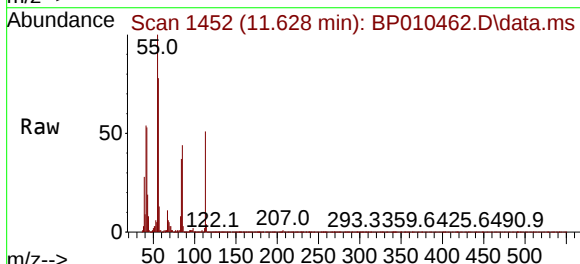
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

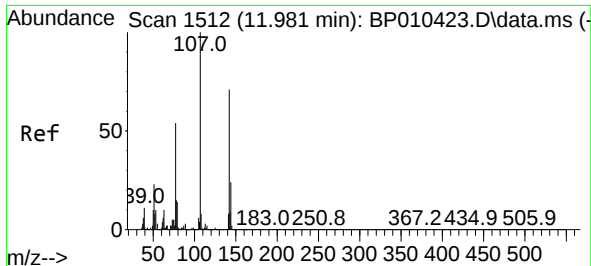
Tgt Ion:225 Resp: 224288
Ion Ratio Lower Upper
225 100
223 62.3 53.4 80.0
227 64.7 53.8 80.8



#34
Caprolactam
Concen: 24.566 ng/ul
RT: 11.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:113 Resp: 114298
Ion Ratio Lower Upper
113 100
55 196.4 58.2 87.2#
56 152.7 68.6 103.0#

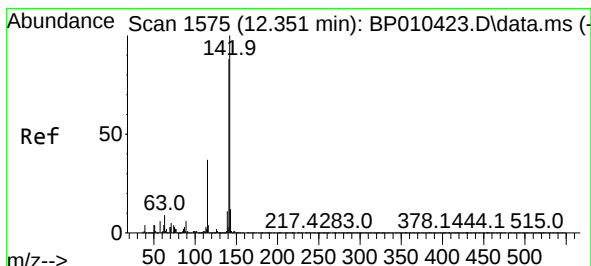
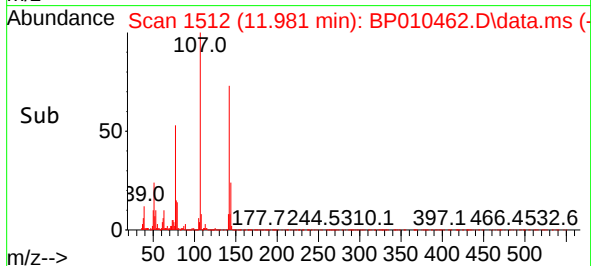
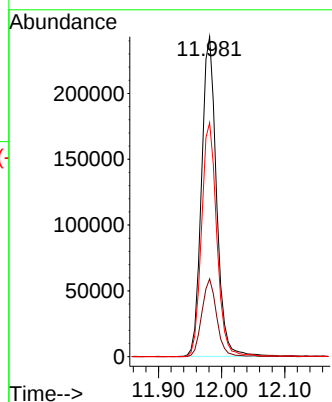
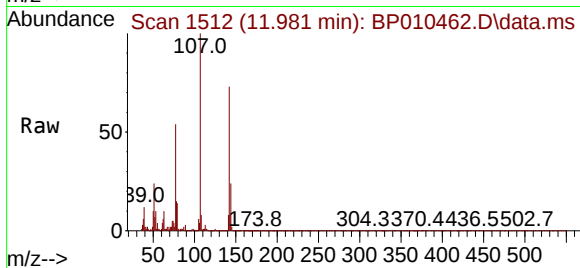




#35
4-Chloro-3-methylphenol
Concen: 25.656 ng/ul
RT: 11.981 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

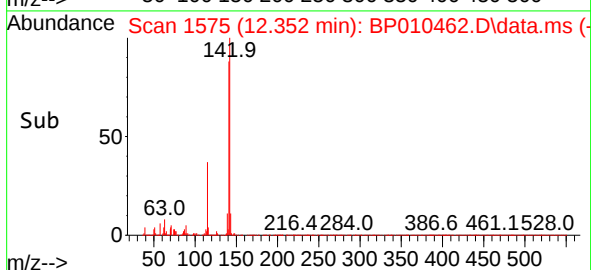
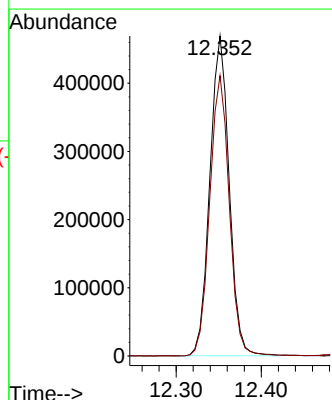
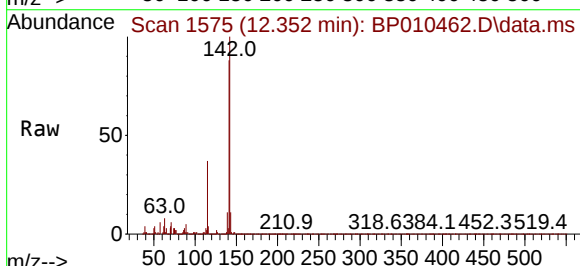
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

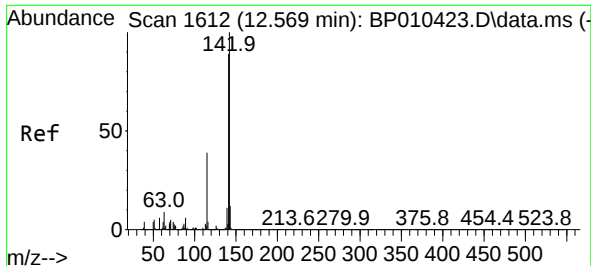
Tgt Ion:107 Resp: 400130
Ion Ratio Lower Upper
107 100
144 24.3 15.8 23.8#
142 73.1 38.9 58.3#



#36
2-Methylnaphthalene
Concen: 23.752 ng/ul
RT: 12.352 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:142 Resp: 738456
Ion Ratio Lower Upper
142 100
141 87.6 64.3 96.5

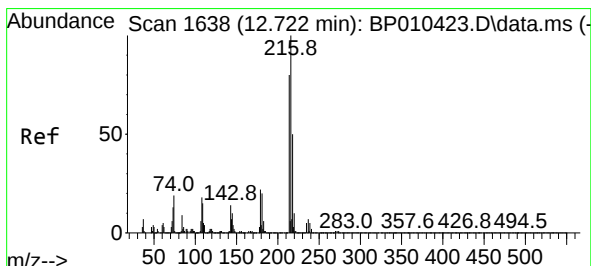
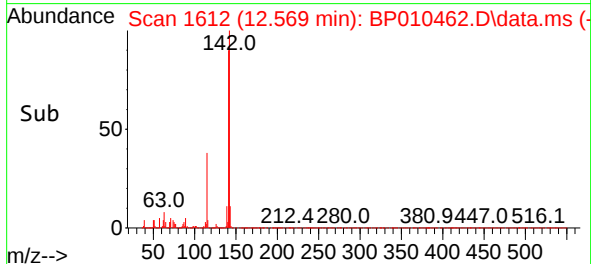
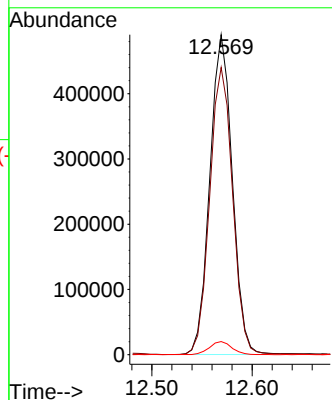
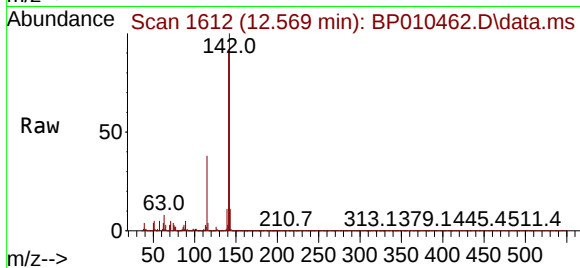




#37
1-Methylnaphthalene
Concen: 24.320 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

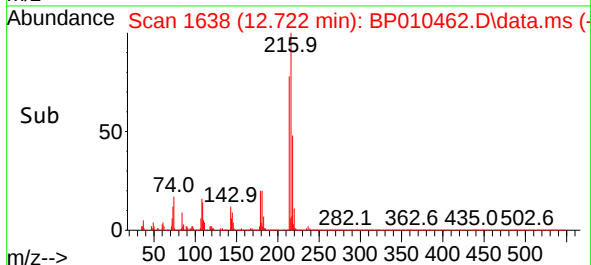
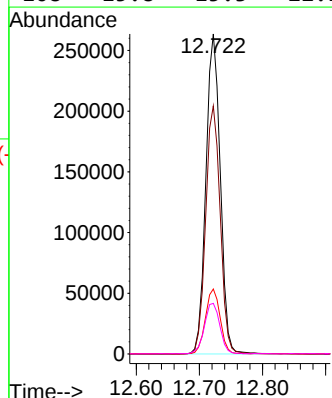
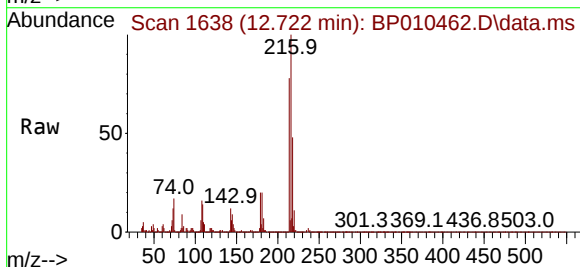
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

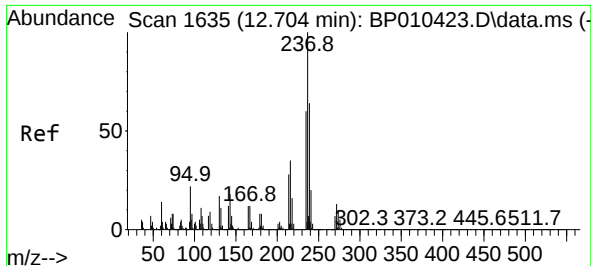
Tgt Ion:142 Resp: 763439
Ion Ratio Lower Upper
142 100
141 89.8 69.8 104.8
116 4.1 5.6 8.4#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.467 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:216 Resp: 417000
Ion Ratio Lower Upper
216 100
214 77.5 58.2 87.2
179 20.3 14.2 21.2
108 15.8 15.3 22.9

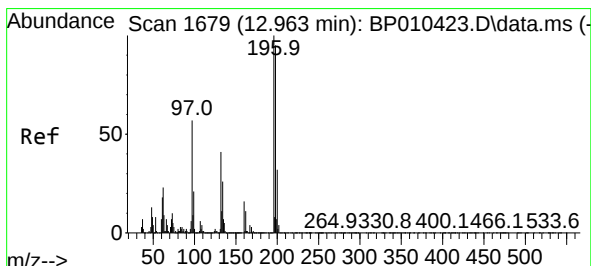
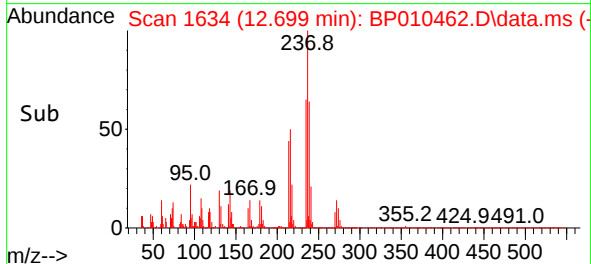
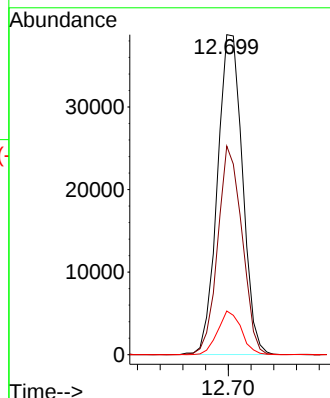
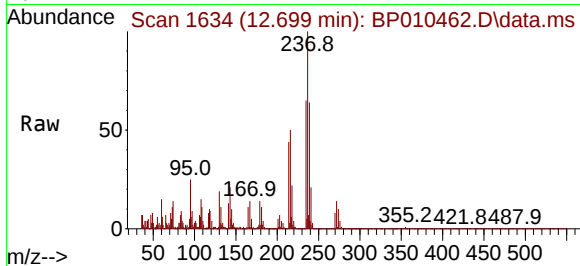




#40
Hexachlorocyclopentadiene
Concen: 6.685 ng/ul
RT: 12.699 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

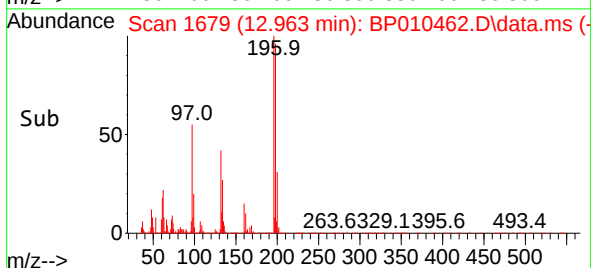
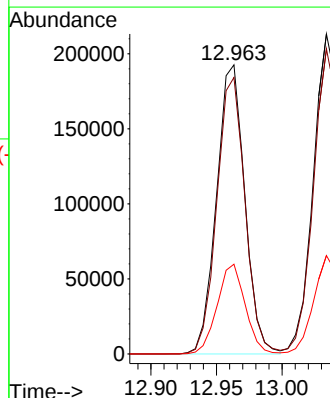
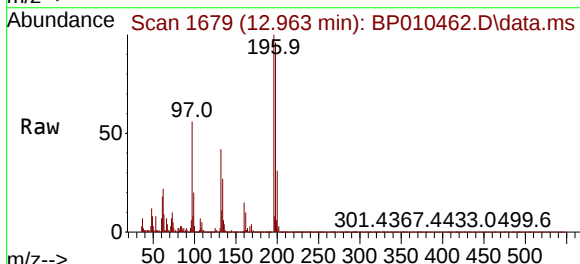
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

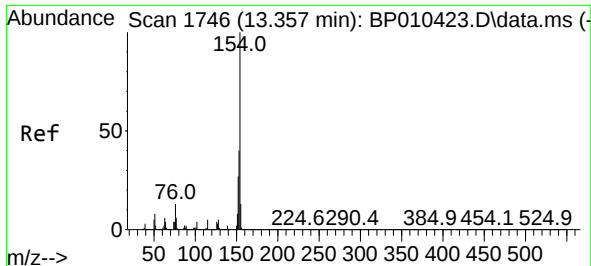
Tgt Ion:237 Resp: 59509
Ion Ratio Lower Upper
237 100
235 65.2 53.2 79.8
272 14.6 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 28.276 ng/ul
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:196 Resp: 288608
Ion Ratio Lower Upper
196 100
198 95.6 64.1 96.1
200 31.1 19.9 29.9#

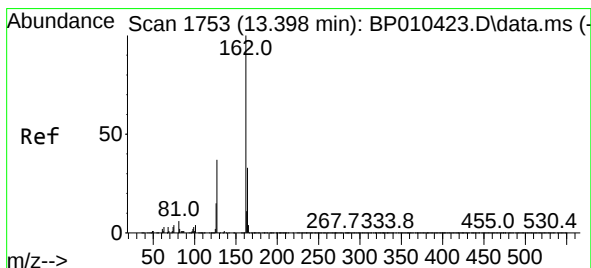
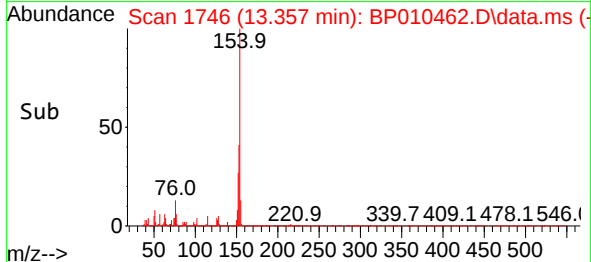
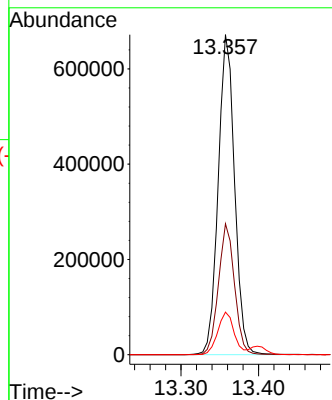
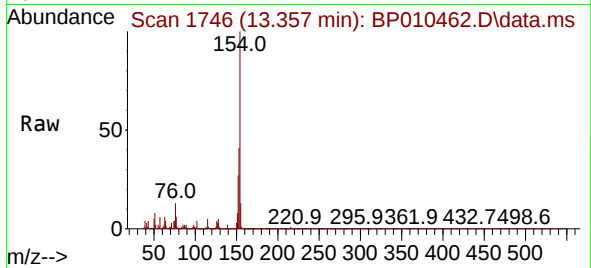




#43
1,1'-Biphenyl
Concen: 25.012 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

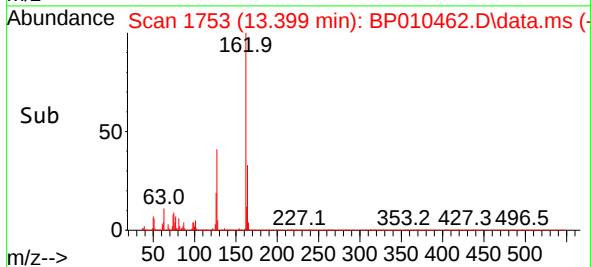
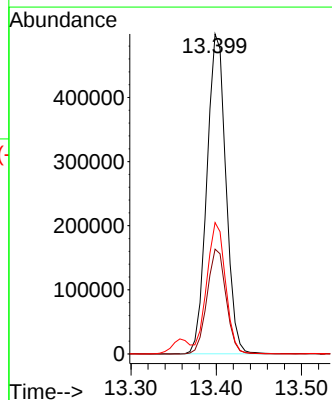
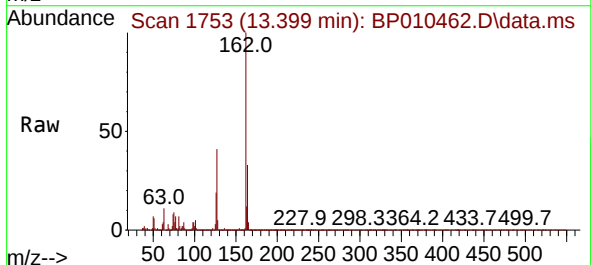
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

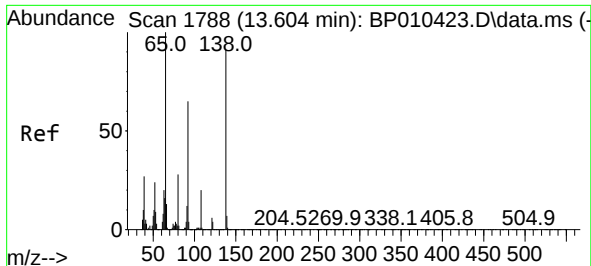
Tgt Ion:154 Resp: 985058
Ion Ratio Lower Upper
154 100
153 40.9 28.6 43.0
76 13.3 8.5 12.7#



#44
2-Chloronaphthalene
Concen: 25.379 ng/ul
RT: 13.399 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:162 Resp: 772008
Ion Ratio Lower Upper
162 100
164 32.7 27.5 41.3
127 41.0 37.1 55.7

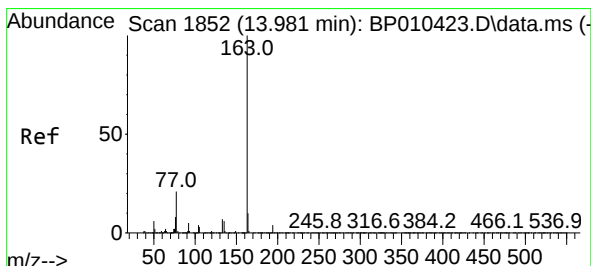
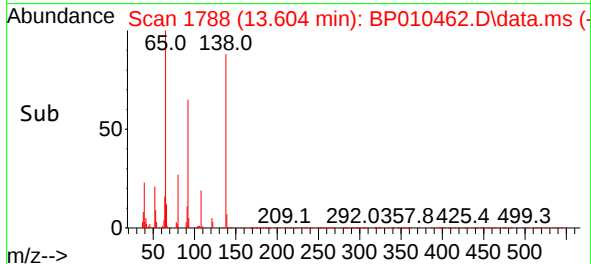
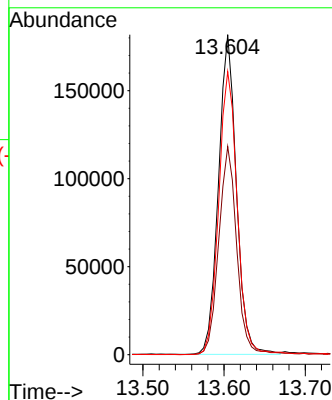
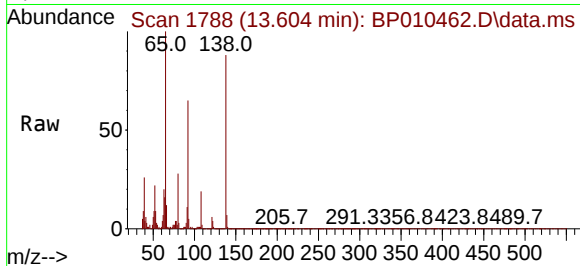




#45
2-Nitroaniline
Concen: 27.950 ng/ul
RT: 13.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

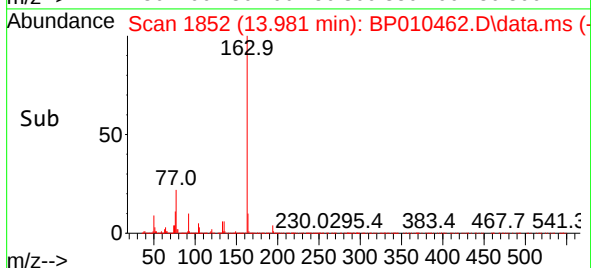
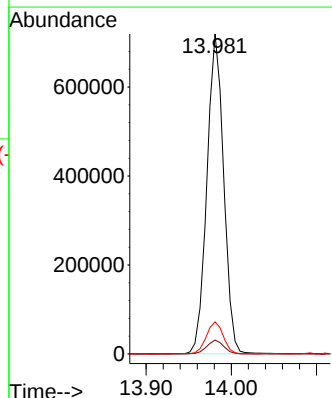
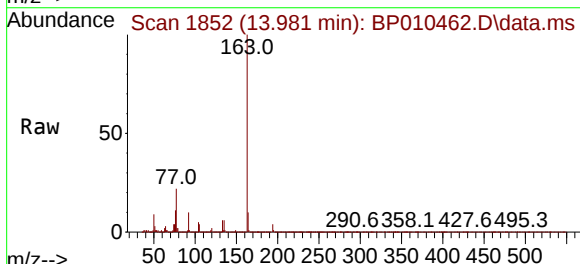
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

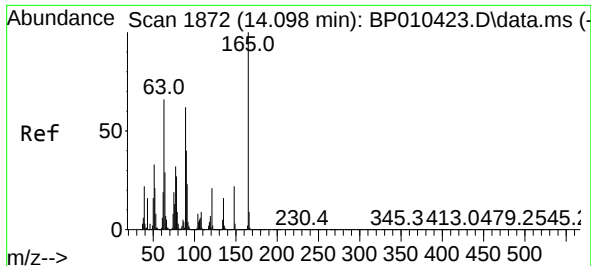
Tgt Ion: 65 Resp: 279812
Ion Ratio Lower Upper
65 100
92 65.1 77.9 116.9#
138 88.5 81.5 122.3



#47
Dimethylphthalate
Concen: 25.063 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion: 163 Resp: 982804
Ion Ratio Lower Upper
163 100
194 4.3 4.1 6.1
164 10.1 11.3 16.9#

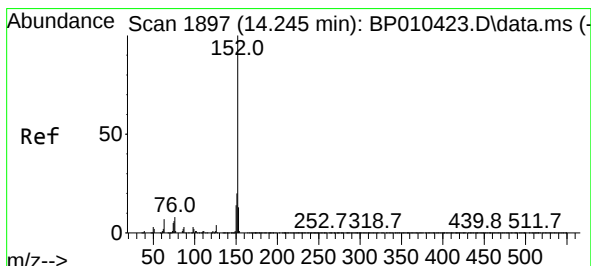
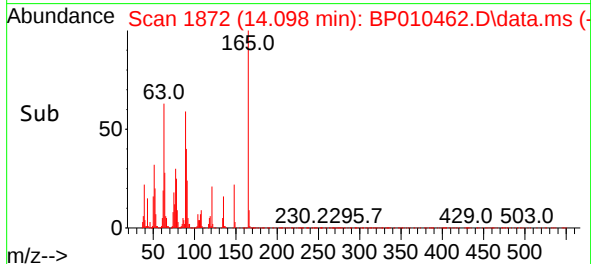
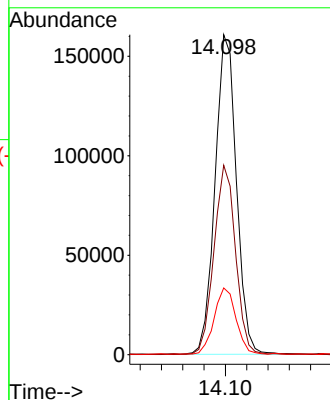
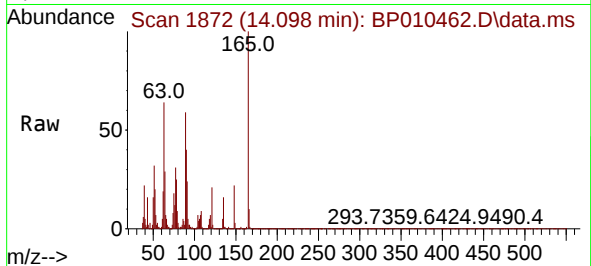




#48
2,6-Dinitrotoluene
Concen: 27.948 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

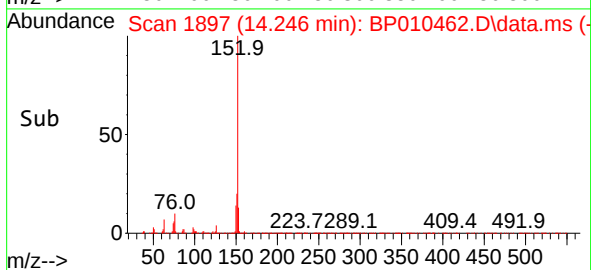
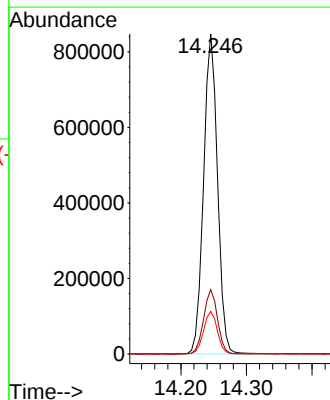
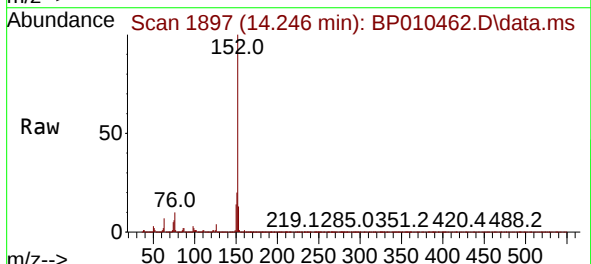
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

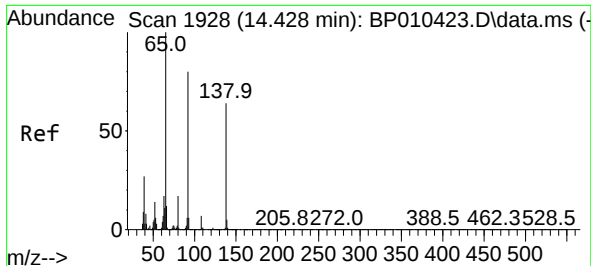
Tgt Ion:165 Resp: 223406
Ion Ratio Lower Upper
165 100
89 59.2 51.7 77.5
121 20.8 18.3 27.5



#50
Acenaphthylene
Concen: 25.387 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:152 Resp: 1252346
Ion Ratio Lower Upper
152 100
151 20.1 18.3 27.5
153 13.3 11.0 16.6

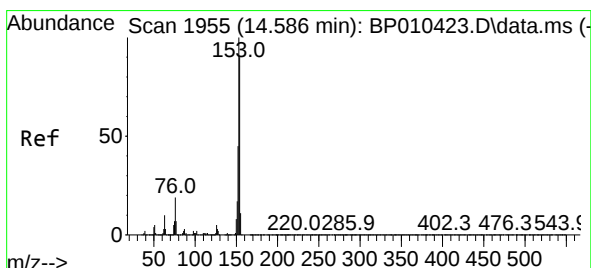
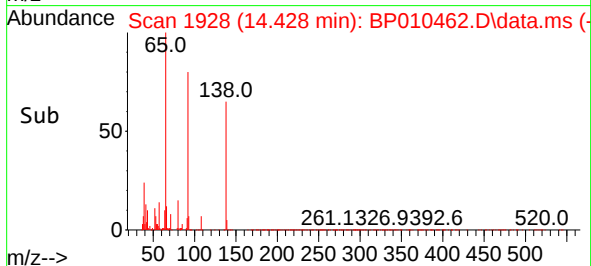
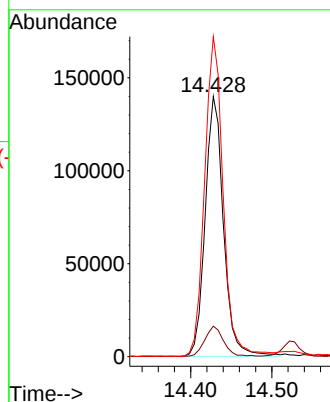
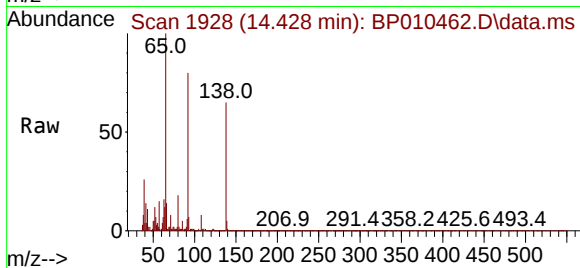




#51
3-Nitroaniline
Concen: 29.176 ng/ul
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

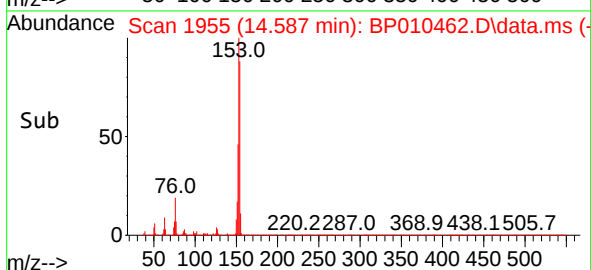
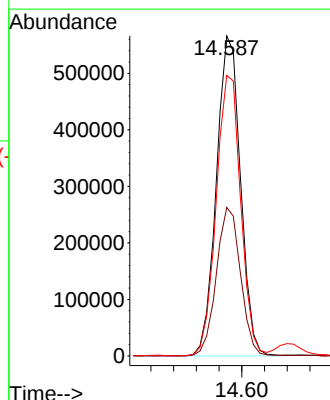
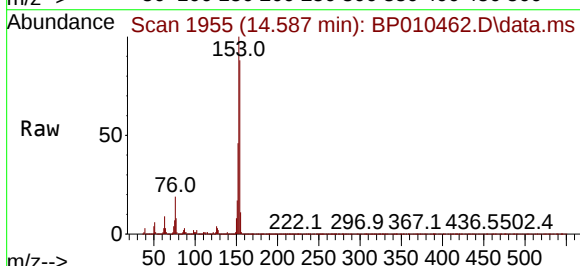
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

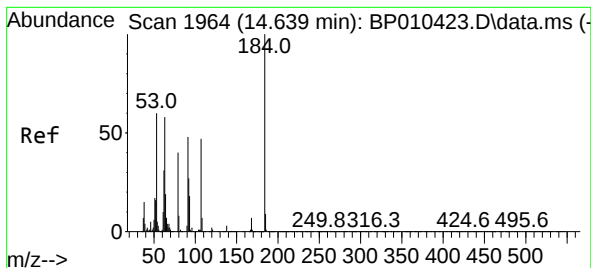
Tgt Ion:138 Resp: 218891
Ion Ratio Lower Upper
138 100
108 11.8 15.8 23.8#
92 122.9 117.1 175.7



#52
Acenaphthene
Concen: 25.933 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:153 Resp: 834528
Ion Ratio Lower Upper
153 100
152 46.4 34.3 51.5
154 87.7 70.0 105.0

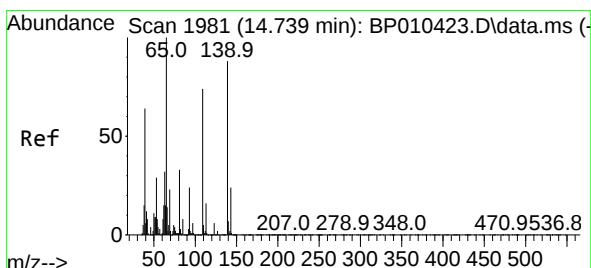
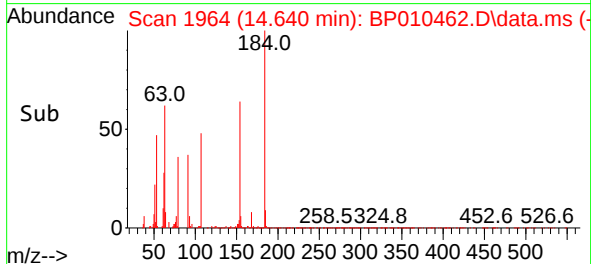
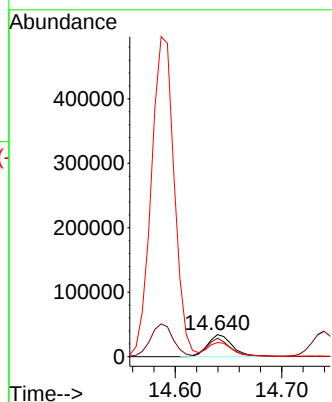
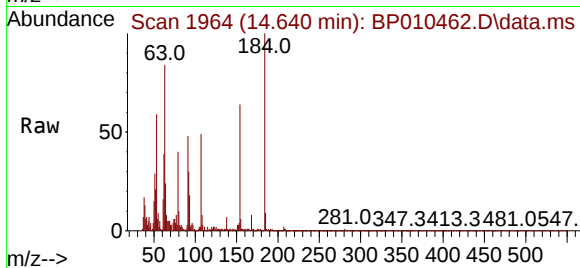




#53
2,4-Dinitrophenol
Concen: 12.355 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

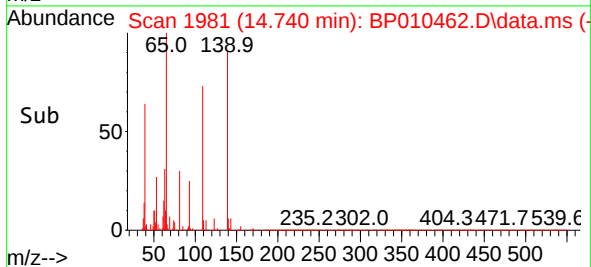
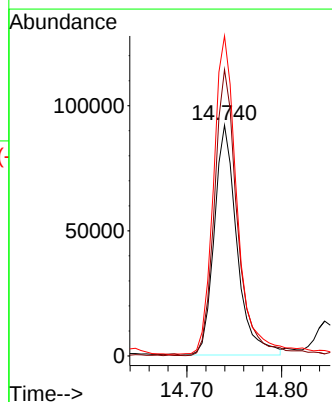
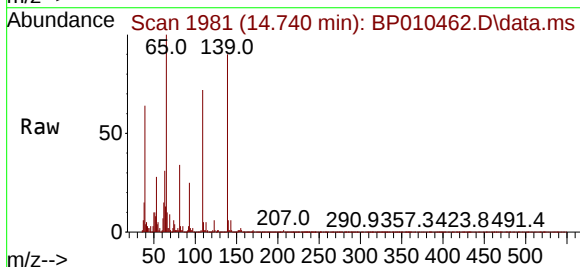
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

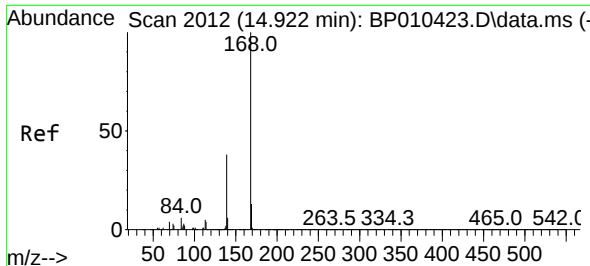
Tgt Ion:184 Resp: 55140
Ion Ratio Lower Upper
184 100
63 83.8 34.6 52.0#
154 64.0 57.7 86.5



#55
4-Nitrophenol
Concen: 24.443 ng/ul
RT: 14.740 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:109 Resp: 152930
Ion Ratio Lower Upper
109 100
139 124.2 61.4 92.2#
65 138.7 65.3 97.9#

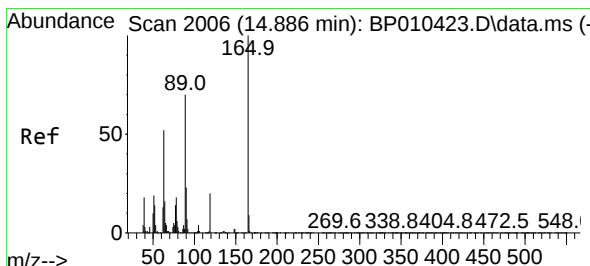
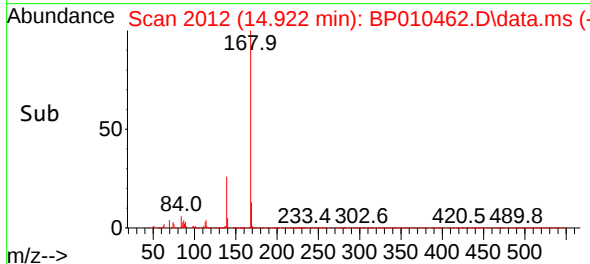
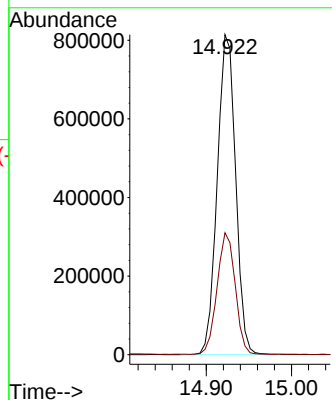
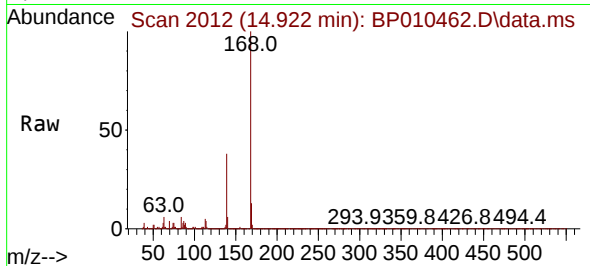




#56
Dibenzofuran
Concen: 25.902 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

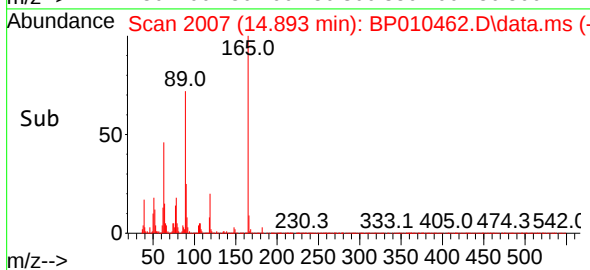
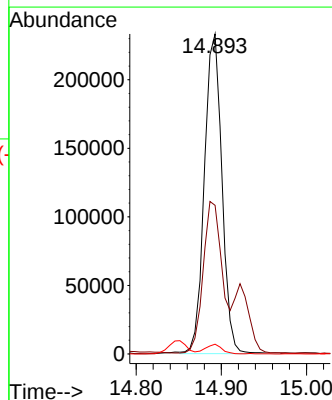
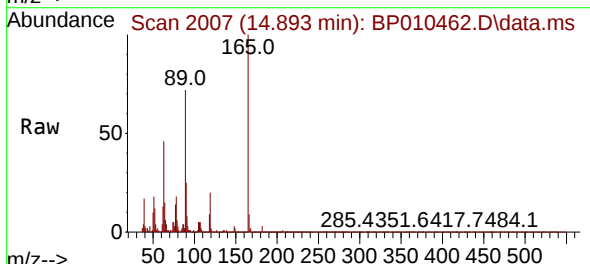
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

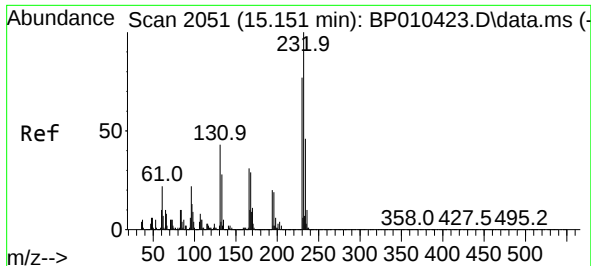
Tgt Ion:168 Resp: 1221563
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1



#57
2,4-Dinitrotoluene
Concen: 29.023 ng/ul
RT: 14.893 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:165 Resp: 333981
Ion Ratio Lower Upper
165 100
63 46.5 29.5 44.3#
182 3.0 2.8 4.2

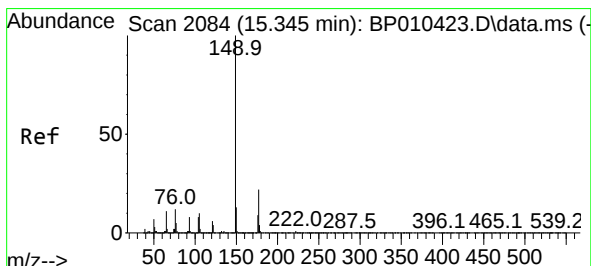
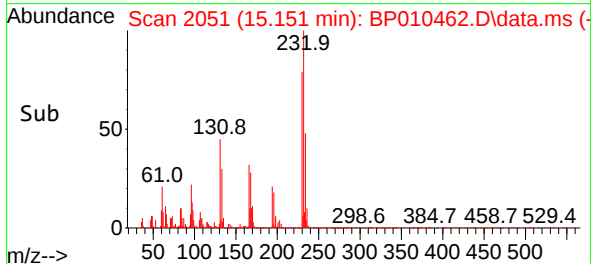
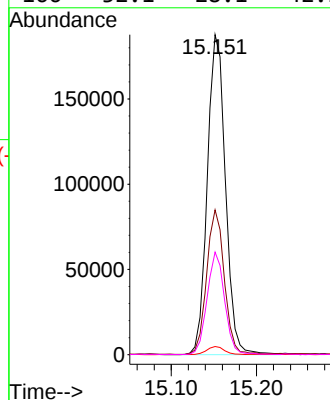
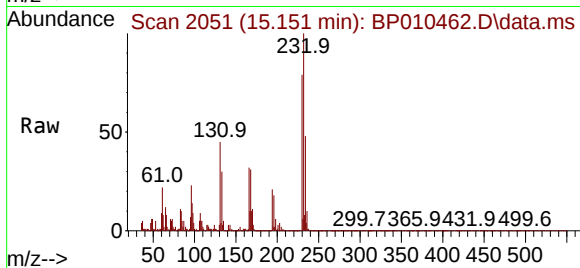




#58
2,3,4,6-Tetrachlorophenol
Concen: 28.349 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

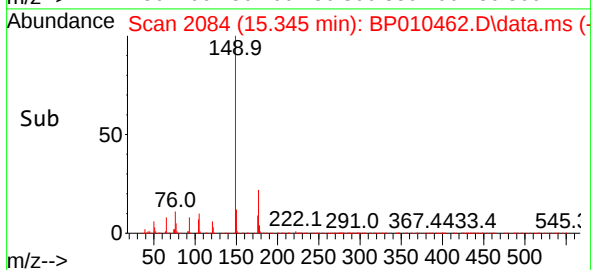
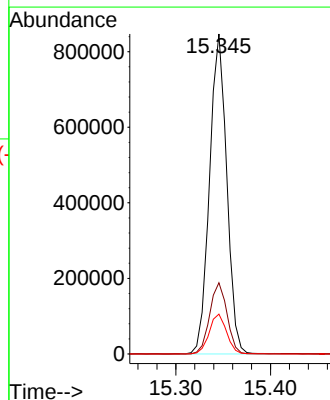
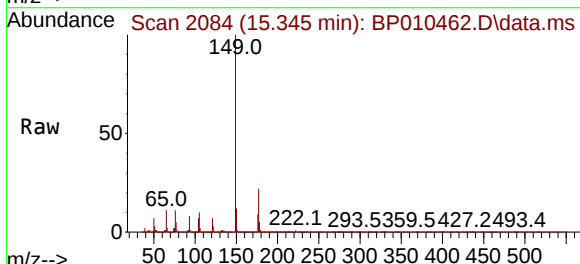
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

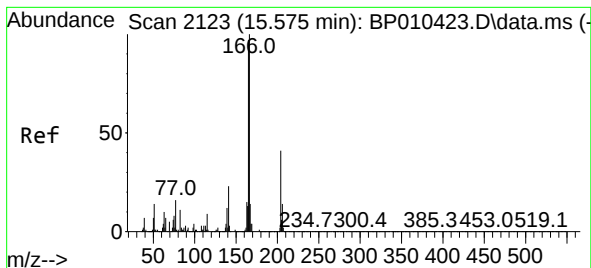
Tgt Ion:	232	Resp:	277816
Ion	Ratio	Lower	Upper
232	100		
131	45.2	25.4	38.2#
130	2.5	4.2	6.2#
166	32.1	28.1	42.1



#59
Diethylphthalate
Concen: 26.622 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:	149	Resp:	1065241
Ion	Ratio	Lower	Upper
149	100		
177	22.2	22.0	33.0
150	12.5	10.2	15.2





#61

Fluorene

Concen: 26.718 ng/ul

RT: 15.575 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

Instrument :

BNA_P

ClientSampleId :

EW4H4MSD

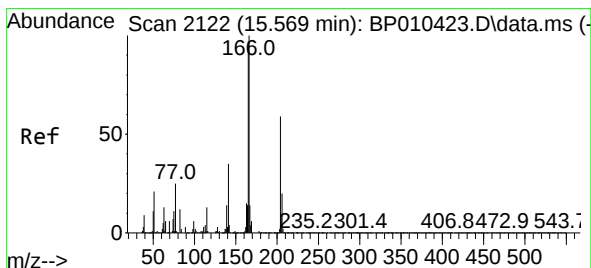
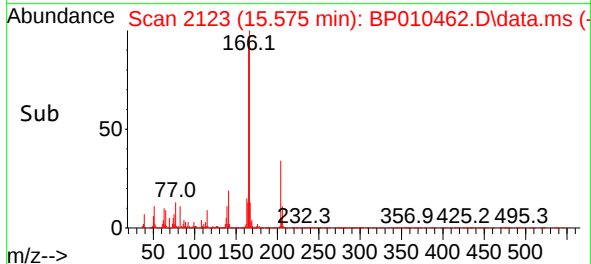
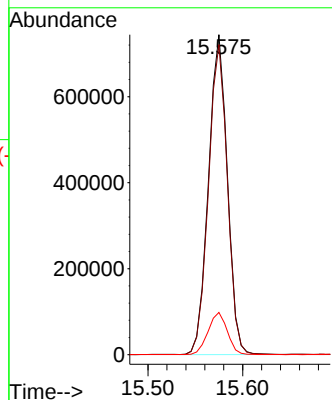
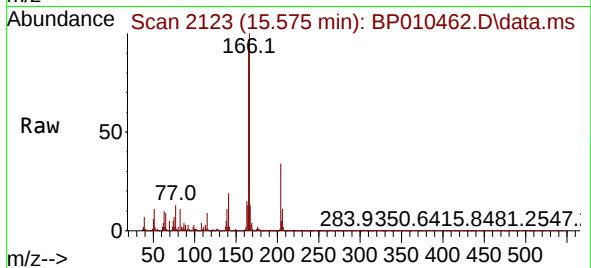
Tgt Ion:166 Resp: 1030411

Ion Ratio Lower Upper

166 100

165 96.9 70.3 105.5

167 13.2 9.5 14.3



#62

4-Chlorophenyl-phenylether

Concen: 26.302 ng/ul

RT: 15.569 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

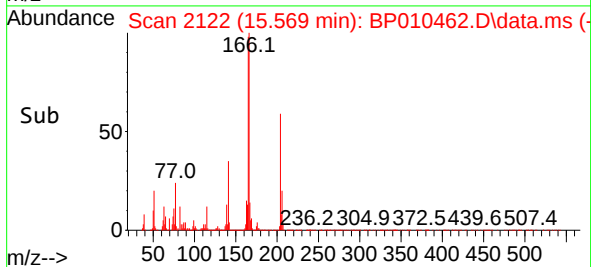
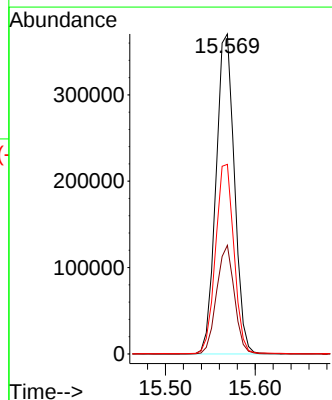
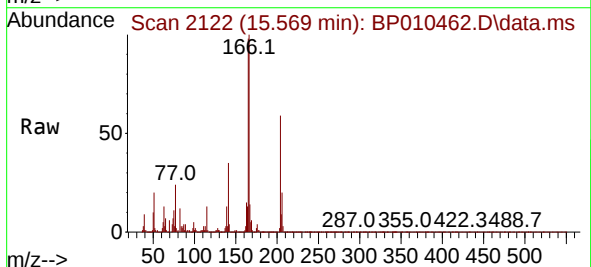
Tgt Ion:204 Resp: 527654

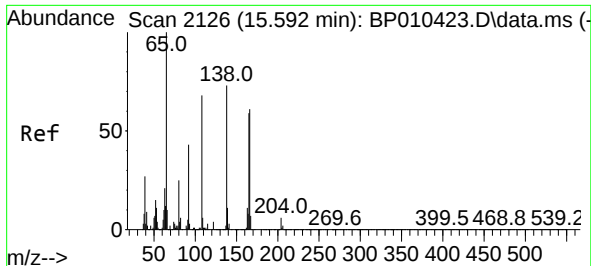
Ion Ratio Lower Upper

204 100

206 34.0 27.6 41.4

141 59.2 46.6 69.8

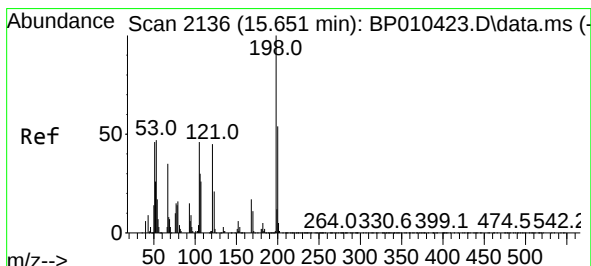
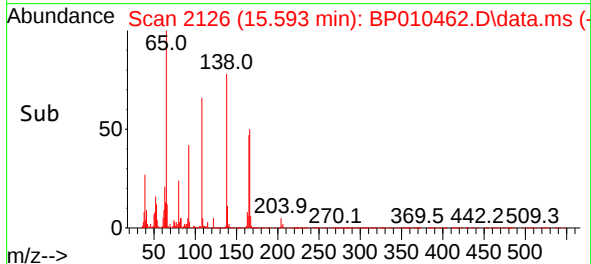
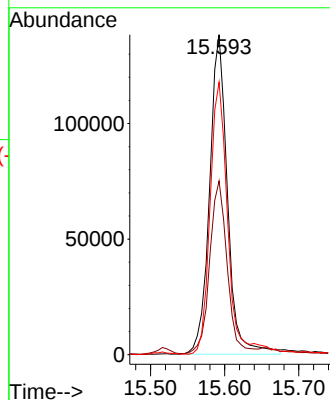
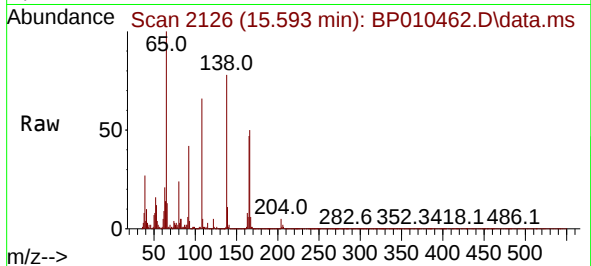




#63
4-Nitroaniline
Concen: 31.366 ng/ul
RT: 15.593 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

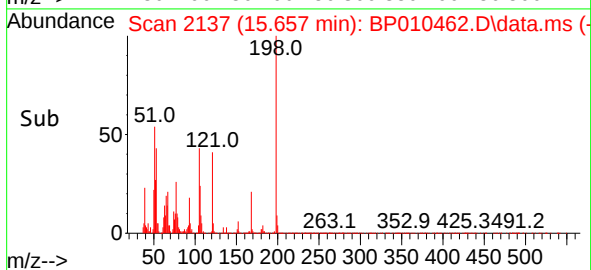
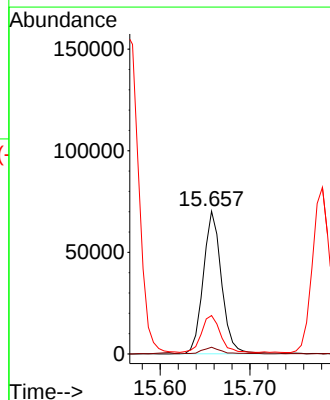
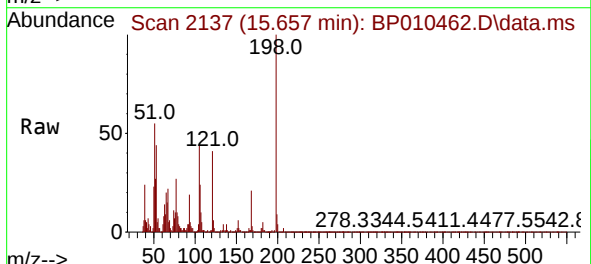
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

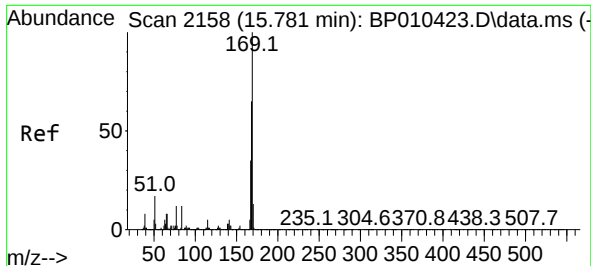
Tgt Ion:138 Resp: 232352
Ion Ratio Lower Upper
138 100
92 54.3 41.6 62.4
108 85.1 97.6 146.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 15.163 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:198 Resp: 99142
Ion Ratio Lower Upper
198 100
182 4.7 6.0 9.0#
77 26.9 17.7 26.5#

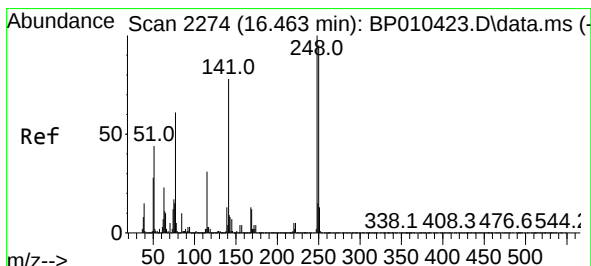
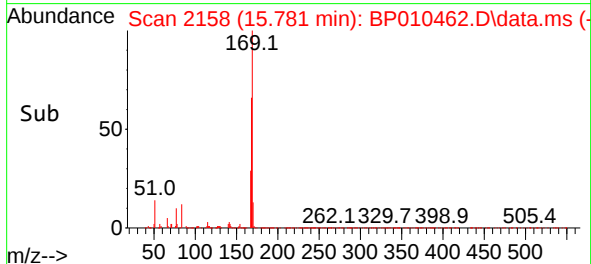
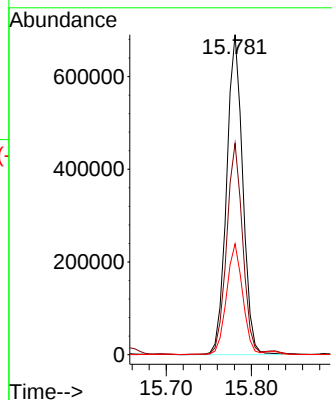
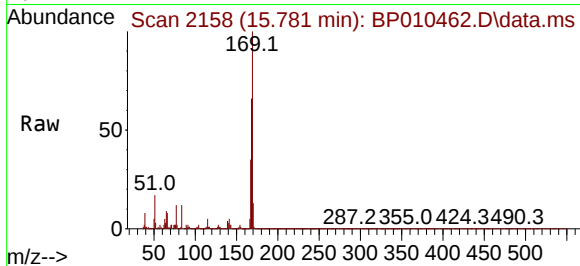




#67
N-Nitrosodiphenylamine
Concen: 28.866 ng/ul
RT: 15.781 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

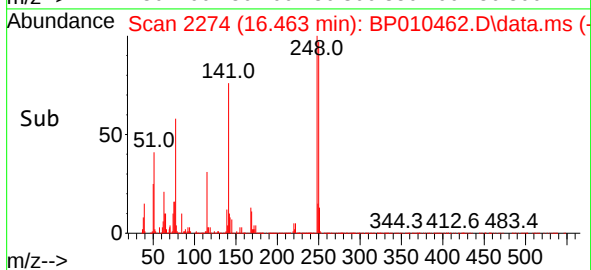
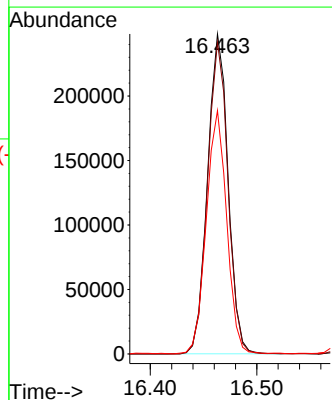
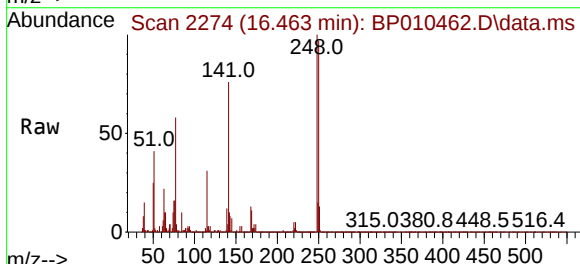
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

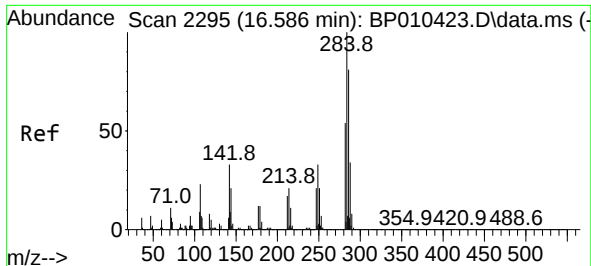
Tgt Ion:169 Resp: 907536
Ion Ratio Lower Upper
169 100
168 66.1 48.3 72.5
167 34.6 29.6 44.4



#68
4-Bromophenyl-phenylether
Concen: 28.820 ng/ul
RT: 16.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:248 Resp: 332741
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.0
141 76.0 67.2 100.8

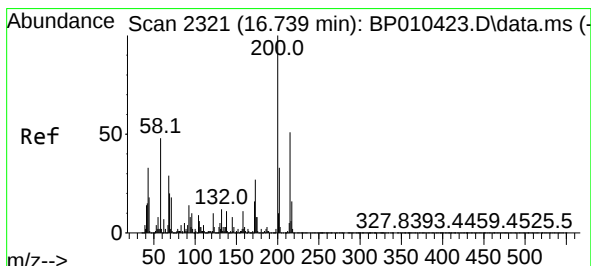
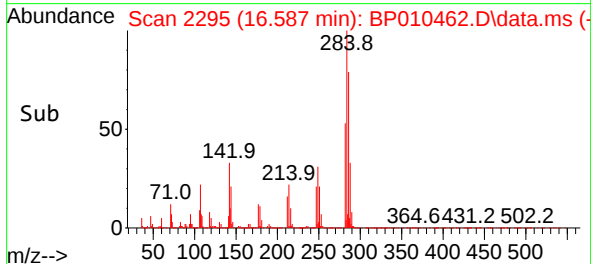
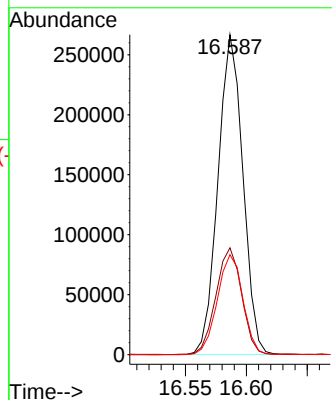
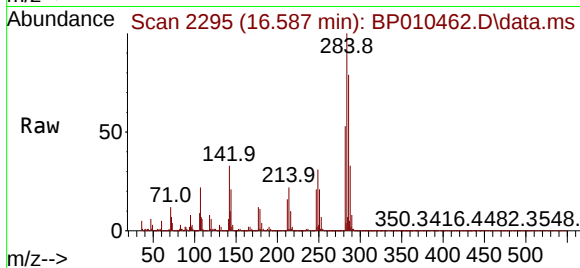




#69
Hexachlorobenzene
Concen: 28.540 ng/ul
RT: 16.587 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

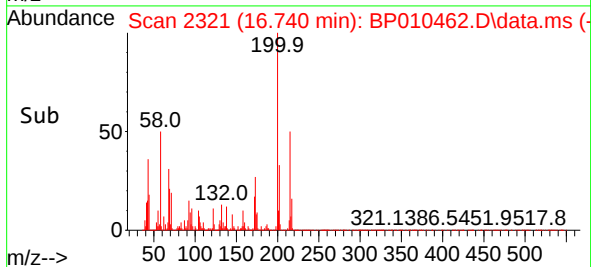
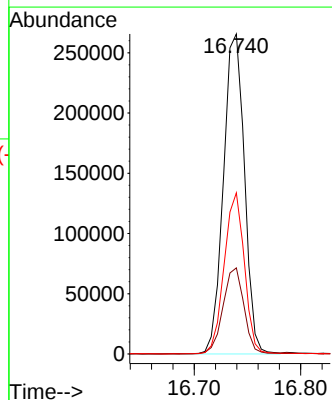
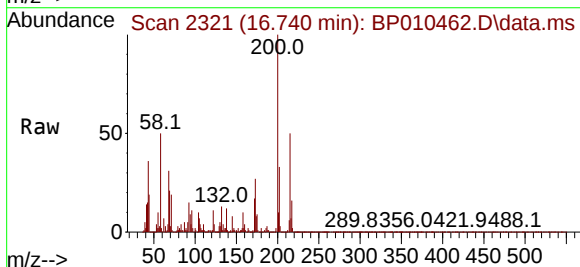
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

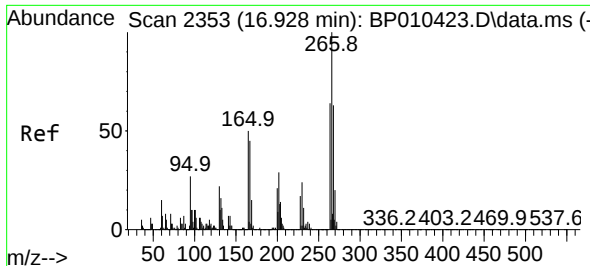
Tgt Ion:284 Resp: 379010
Ion Ratio Lower Upper
284 100
142 33.4 19.2 28.8#
249 31.3 27.4 41.2



#70
Atrazine
Concen: 28.883 ng/ul
RT: 16.740 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:200 Resp: 363774
Ion Ratio Lower Upper
200 100
173 26.9 19.2 28.8
215 50.4 32.2 48.4#

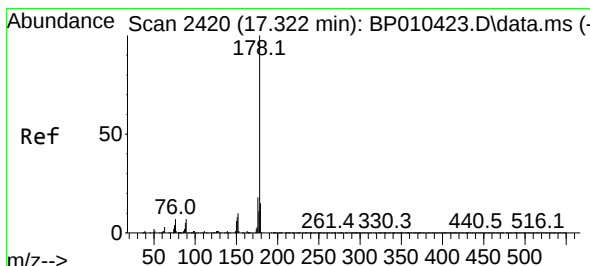
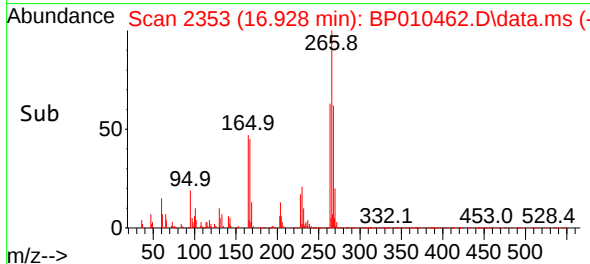
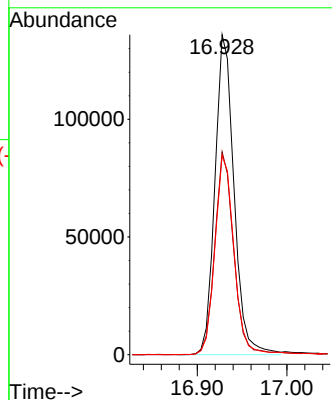
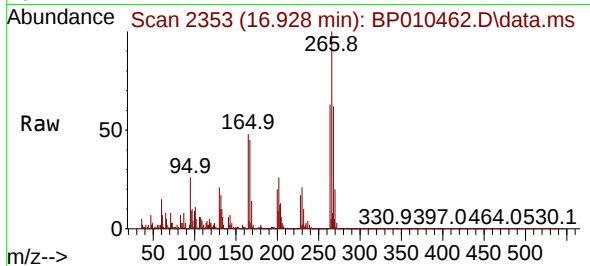




#71
Pentachlorophenol
Concen: 24.056 ng/ul
RT: 16.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

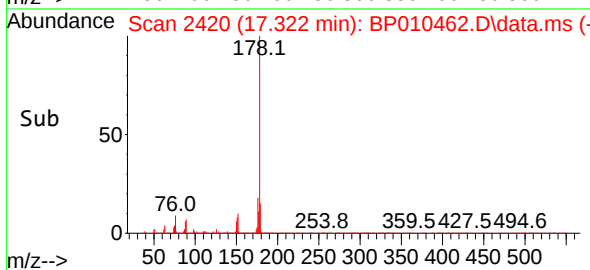
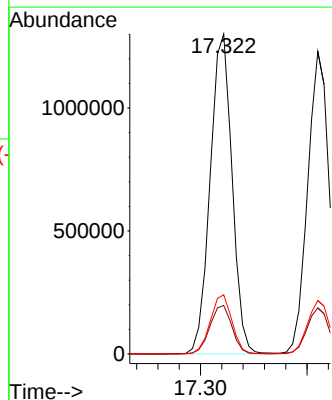
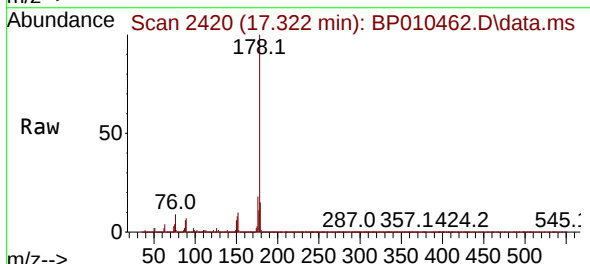
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

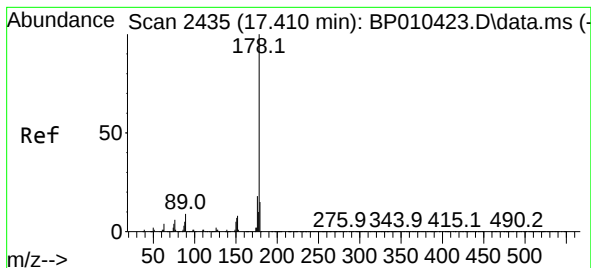
Tgt Ion:266 Resp: 200453
Ion Ratio Lower Upper
266 100
264 63.4 57.3 85.9
268 62.2 65.7 98.5#



#72
Phenanthrene
Concen: 30.951 ng/ul
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:178 Resp: 1851776
Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 18.5 14.5 21.7





#74

Anthracene

Concen: 28.706 ng/uI

RT: 17.410 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

Instrument :

BNA_P

ClientSampleId :

EW4H4MSD

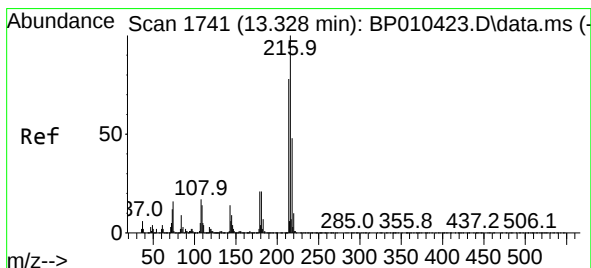
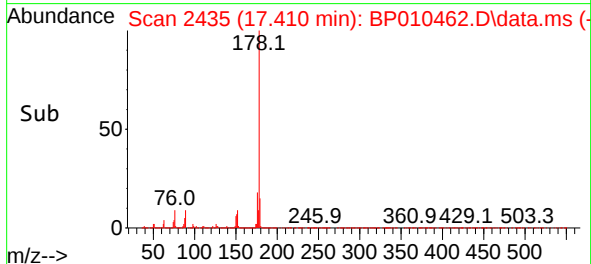
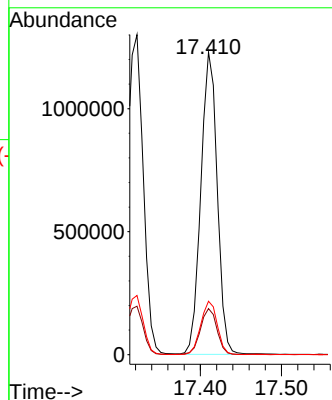
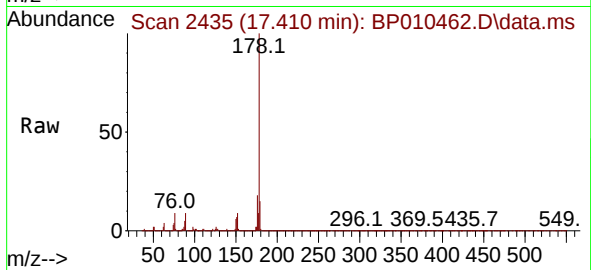
Tgt Ion:178 Resp: 1722896

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 17.6 13.4 20.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.007 ng/uI

RT: 13.328 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

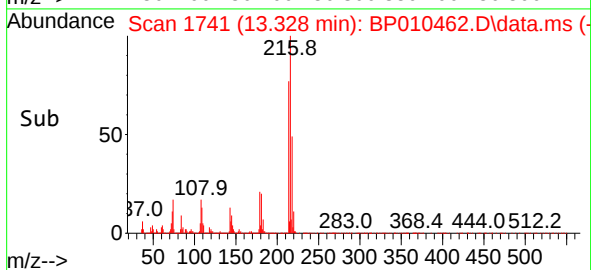
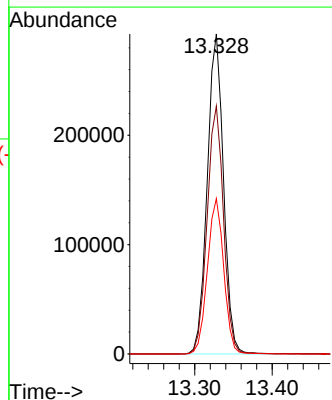
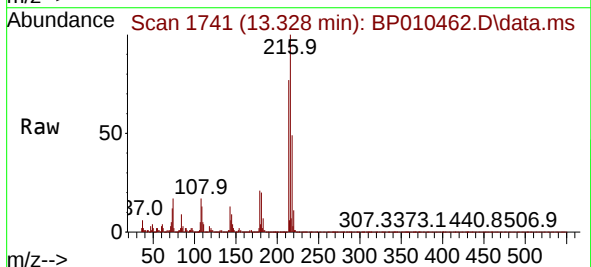
Tgt Ion:216 Resp: 426046

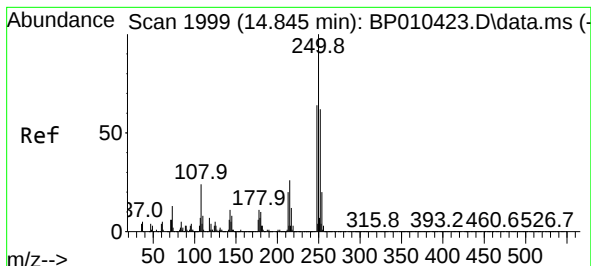
Ion Ratio Lower Upper

216 100

214 77.5 50.4 75.6#

218 48.5 35.2 52.8





#76

Pentachlorobenzene

Concen: 27.464 ng/uL

RT: 14.851 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

Instrument :

BNA_P

ClientSampleId :

EW4H4MSD

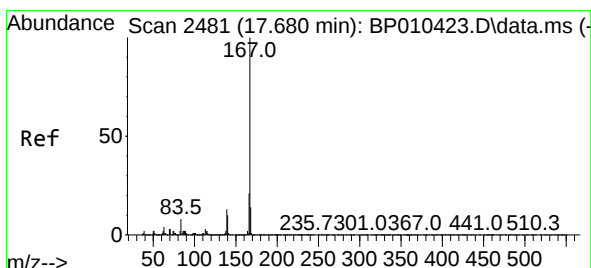
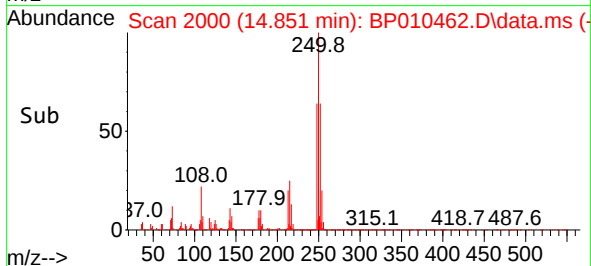
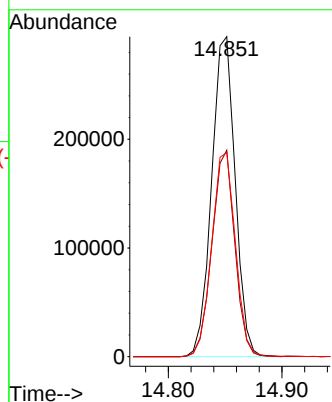
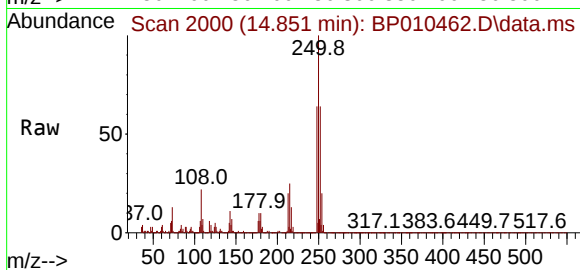
Tgt Ion:250 Resp: 424547

Ion Ratio Lower Upper

250 100

248 64.5 43.5 65.3

252 63.8 46.5 69.7



#77

Carbazole

Concen: 29.496 ng/uL

RT: 17.681 min Scan# 2481

Delta R.T. -0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

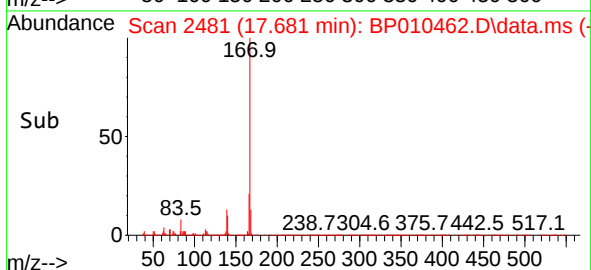
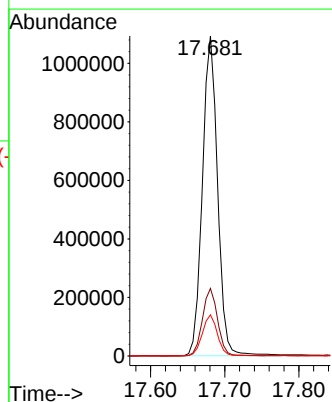
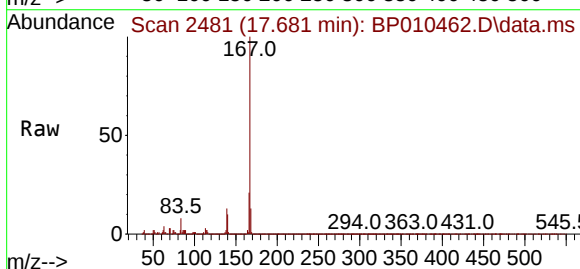
Tgt Ion:167 Resp: 1555820

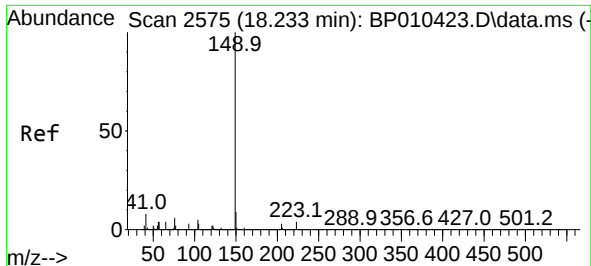
Ion Ratio Lower Upper

167 100

166 21.1 15.8 23.8

139 12.8 8.3 12.5#

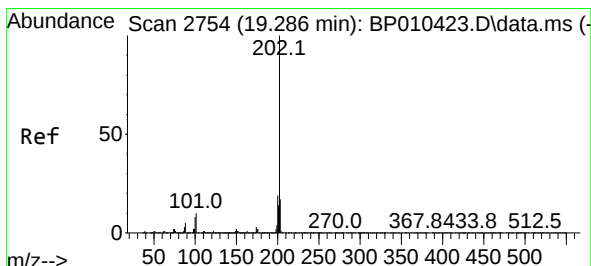
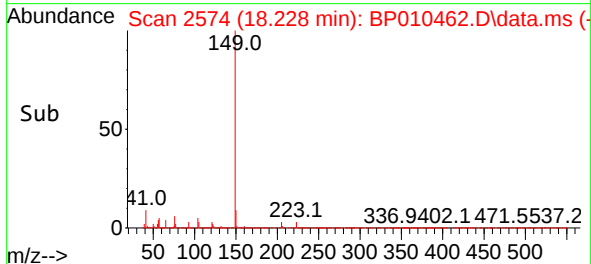
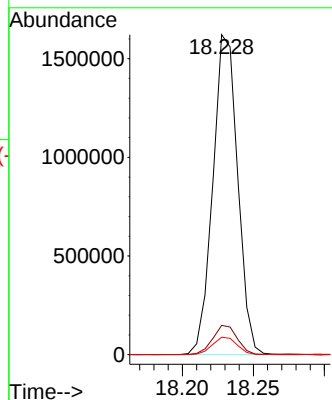
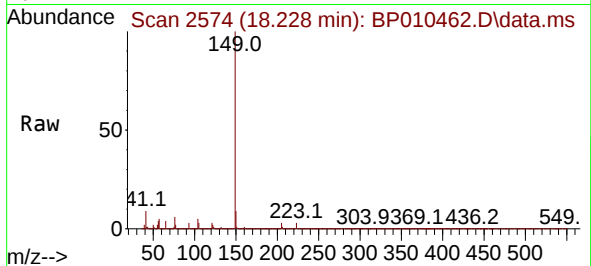




#78
Di-n-butylphthalate
Concen: 30.663 ng/ul
RT: 18.228 min Scan# 2574
Delta R.T. -0.012 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

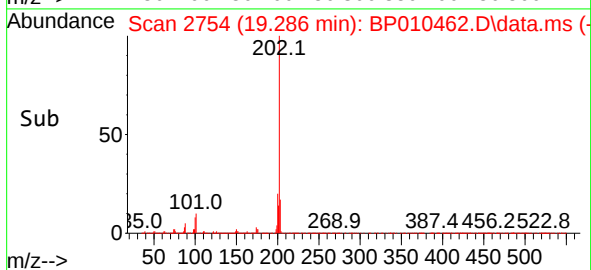
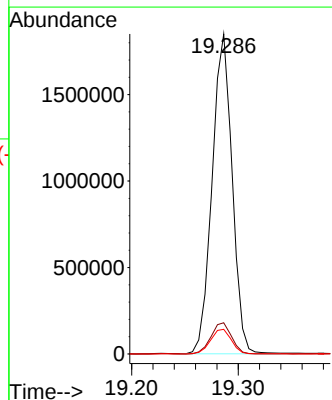
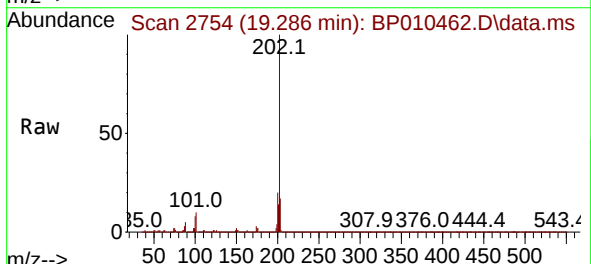
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

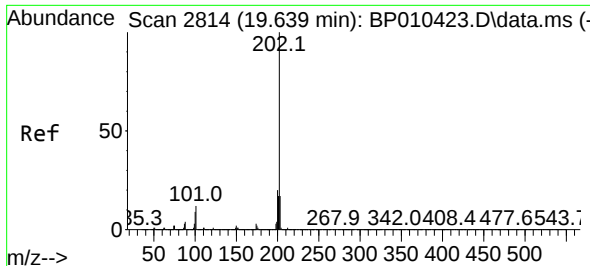
Tgt Ion:149 Resp: 1969892
Ion Ratio Lower Upper
149 100
150 9.2 9.6 14.4#
104 5.4 6.2 9.4#



#80
Fluoranthene
Concen: 39.772 ng/ul
RT: 19.286 min Scan# 2754
Delta R.T. 0.000 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:202 Resp: 2413340
Ion Ratio Lower Upper
202 100
101 9.7 9.6 14.4
100 7.7 6.3 9.5

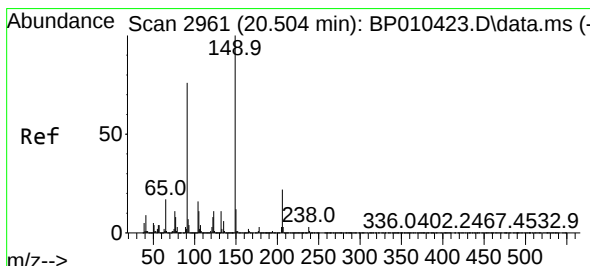
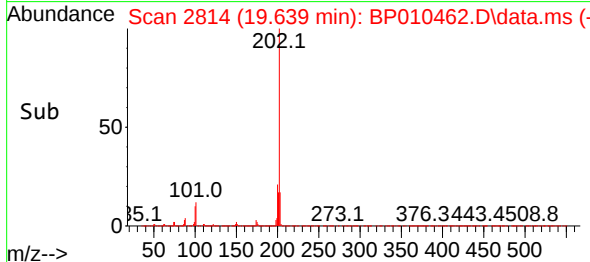
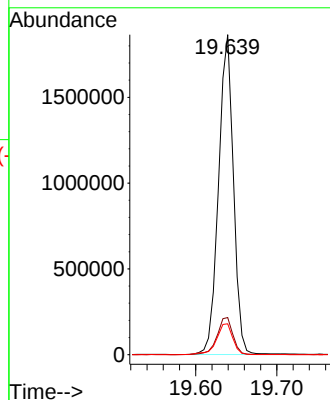
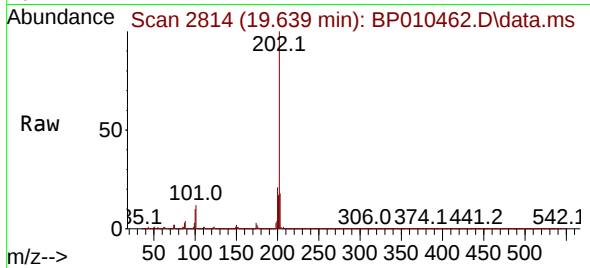




#82
 Pyrene
 Concen: 37.615 ng/ul
 RT: 19.639 min Scan# 2814
 Delta R.T. 0.000 min
 Lab File: BP010462.D
 Acq: 21 May 2022 07:00

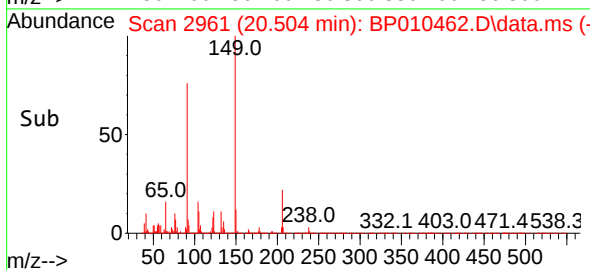
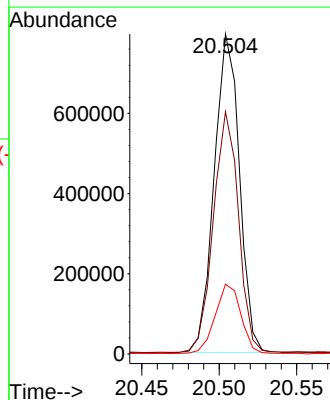
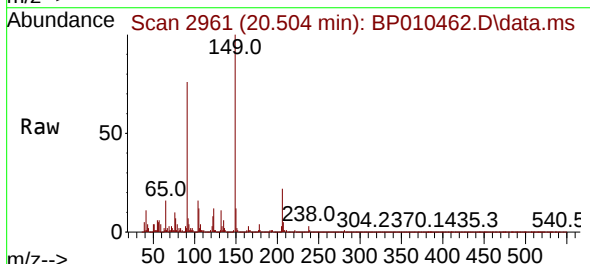
Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MSD

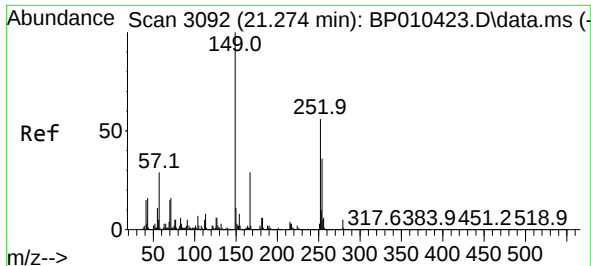
Tgt Ion:202 Resp: 2381937
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.6 15.8
 100 9.7 9.8 14.6#



#83
 Butylbenzylphthalate
 Concen: 35.545 ng/ul
 RT: 20.504 min Scan# 2961
 Delta R.T. -0.006 min
 Lab File: BP010462.D
 Acq: 21 May 2022 07:00

Tgt Ion:149 Resp: 900046
 Ion Ratio Lower Upper
 149 100
 91 75.7 71.1 106.7
 206 21.8 28.8 43.2#

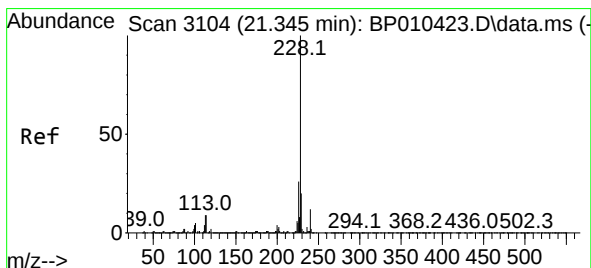
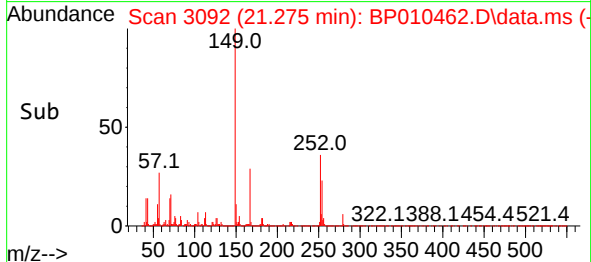
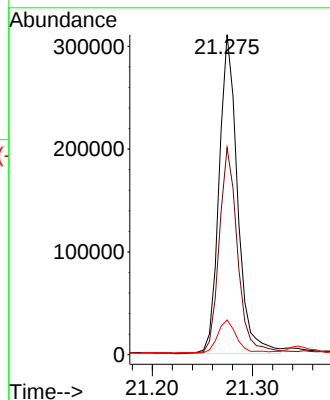
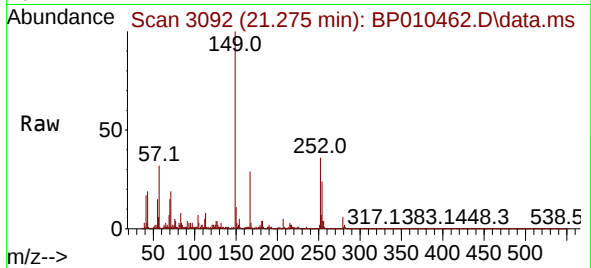




#84
3,3'-Dichlorobenzidine
Concen: 20.036 ng/ul
RT: 21.275 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

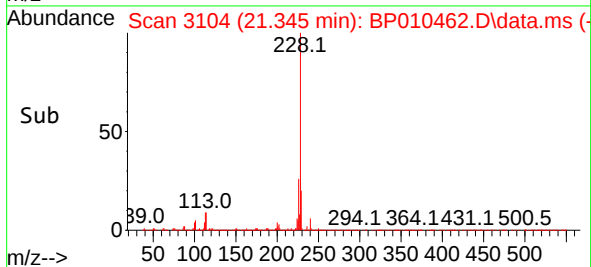
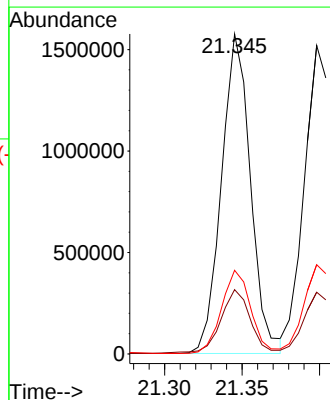
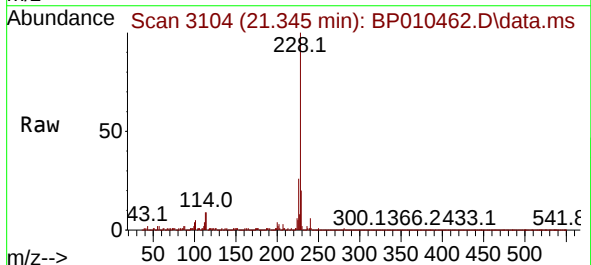
Instrument :
BNA_P
ClientSampleId :
EW4H4MSD

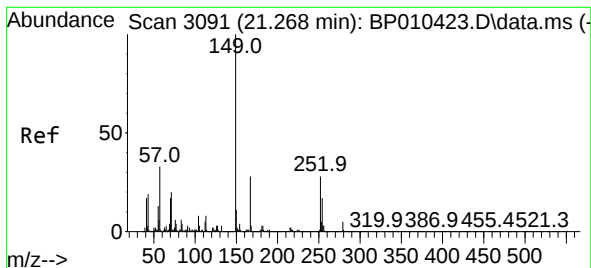
Tgt Ion:252 Resp: 395945
Ion Ratio Lower Upper
252 100
254 64.7 49.8 74.6
126 10.9 4.3 6.5#



#85
Benzo(a)anthracene
Concen: 33.374 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP010462.D
Acq: 21 May 2022 07:00

Tgt Ion:228 Resp: 2051976
Ion Ratio Lower Upper
228 100
229 20.1 18.2 27.2
226 26.2 22.8 34.2

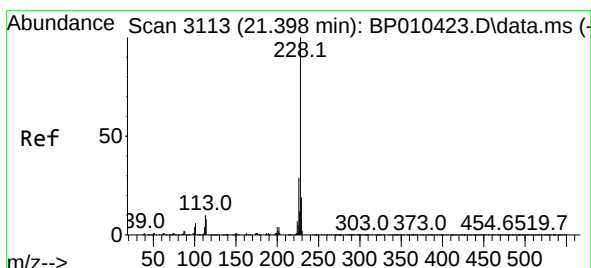
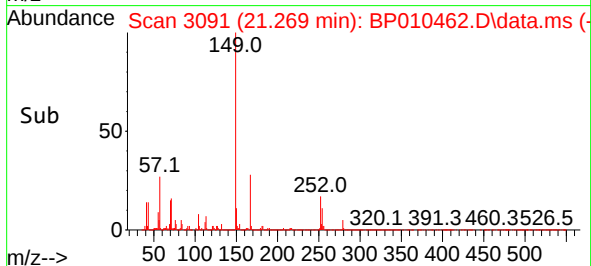
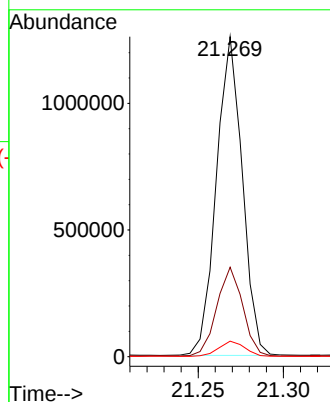
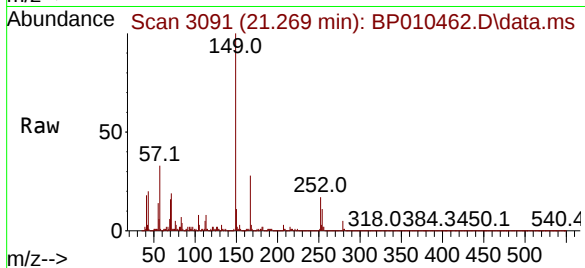




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 35.795 ng/ul
 RT: 21.269 min Scan# 3091
 Delta R.T. 0.000 min
 Lab File: BP010462.D
 Acq: 21 May 2022 07:00

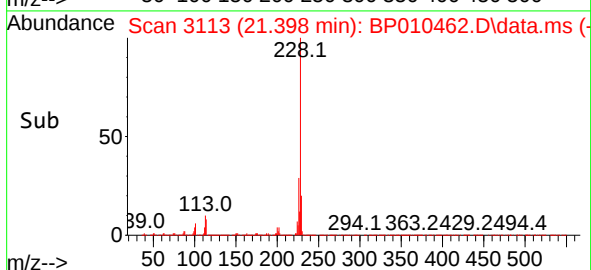
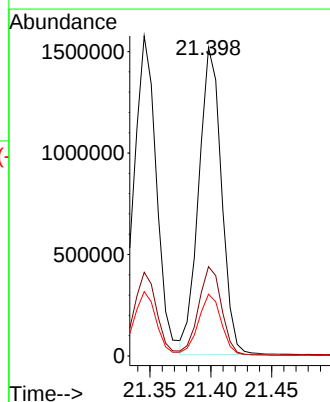
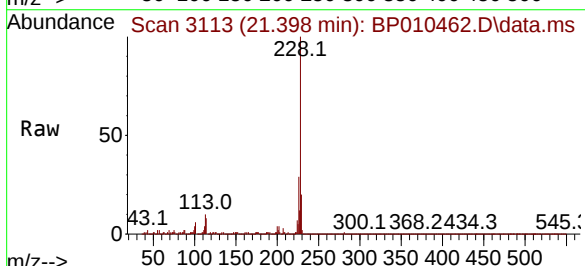
Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MSD

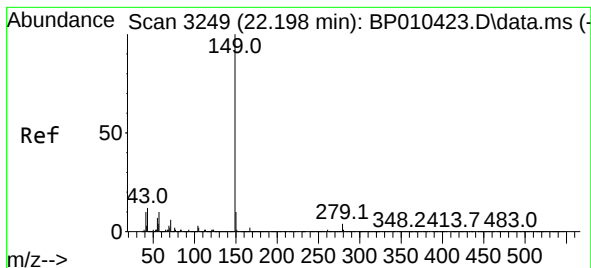
Tgt Ion:149 Resp: 1330028
 Ion Ratio Lower Upper
 149 100
 167 28.0 32.8 49.2#
 279 4.9 5.6 8.4#



#87
 Chrysene
 Concen: 32.524 ng/ul
 RT: 21.398 min Scan# 3113
 Delta R.T. 0.000 min
 Lab File: BP010462.D
 Acq: 21 May 2022 07:00

Tgt Ion:228 Resp: 1966976
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.7 34.1
 229 20.0 15.2 22.8





#89

Di-n-octyl phthalate

Concen: 35.258 ng/ul

RT: 22.198 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

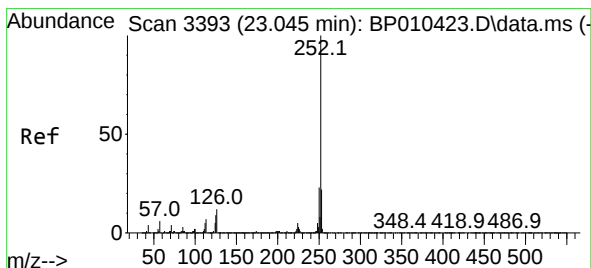
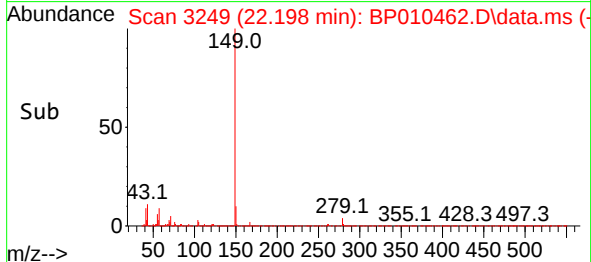
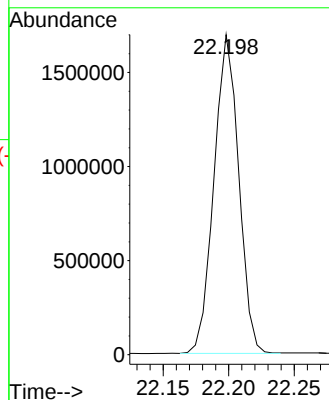
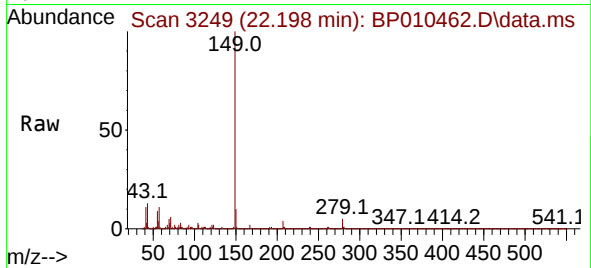
Instrument :

BNA_P

ClientSampleId :

EW4H4MSD

Tgt Ion:149 Resp: 2219871



#90

Benzo(b)fluoranthene

Concen: 34.299 ng/ul

RT: 23.051 min Scan# 3394

Delta R.T. 0.000 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

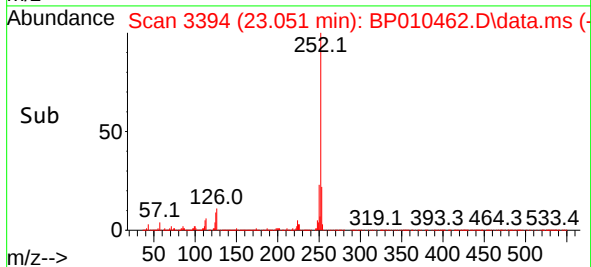
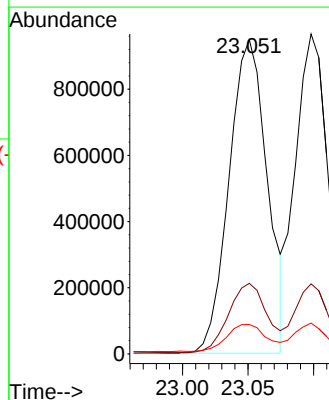
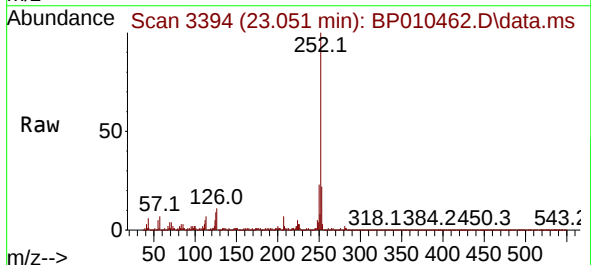
Tgt Ion:252 Resp: 1918680

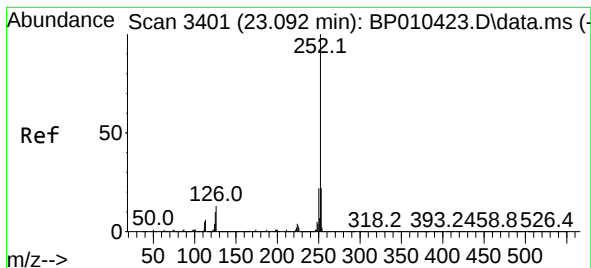
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 9.4 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 31.637 ng/ul

RT: 23.098 min Scan# 3401

Delta R.T. 0.000 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

Instrument :

BNA_P

ClientSampleId :

EW4H4MSD

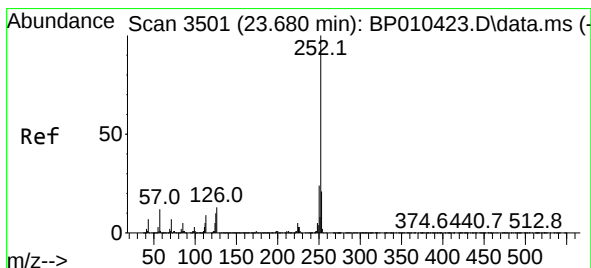
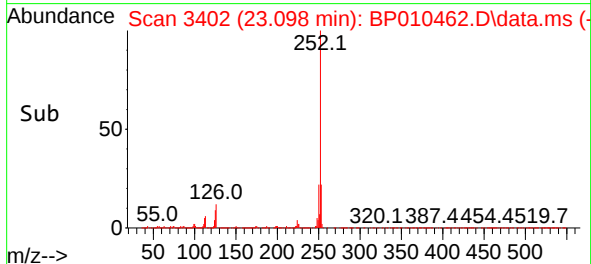
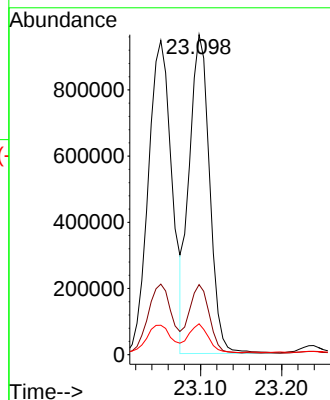
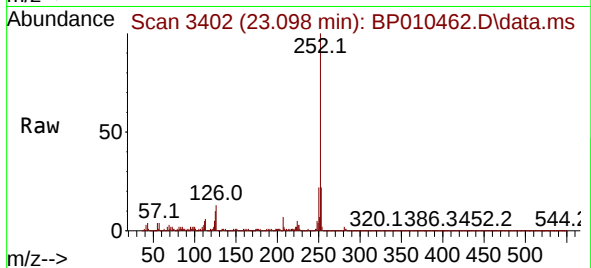
Tgt Ion:252 Resp: 1682057

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 9.7 5.1 7.7#



#93

Benzo(a)pyrene

Concen: 32.813 ng/ul

RT: 23.686 min Scan# 3502

Delta R.T. 0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

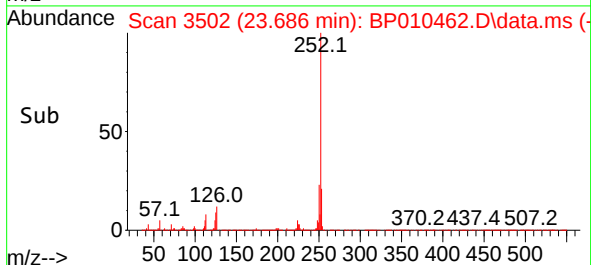
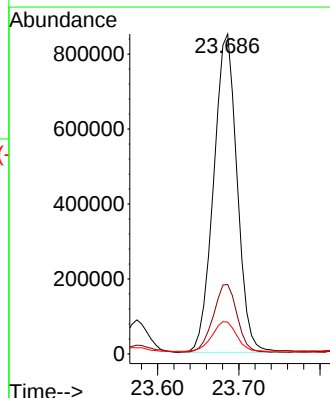
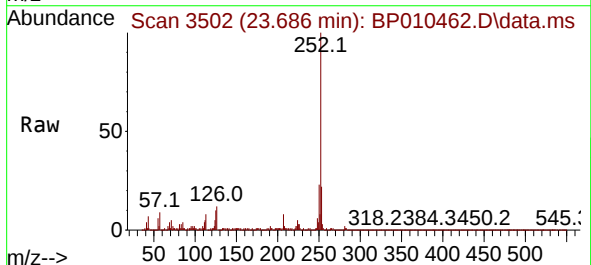
Tgt Ion:252 Resp: 1705402

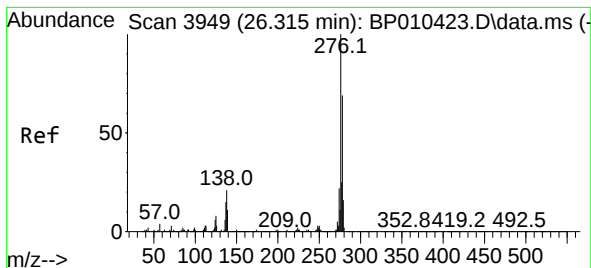
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.9 6.4 9.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 34.607 ng/ul

RT: 26.327 min Scan# 3951

Delta R.T. 0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

Instrument :

BNA_P

ClientSampleId :

EW4H4MSD

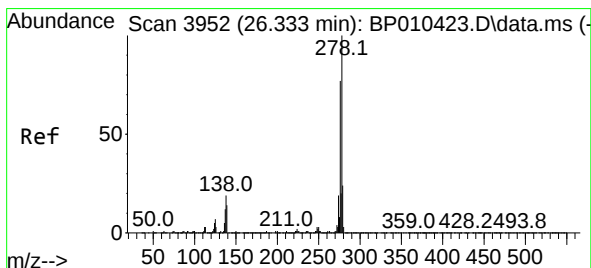
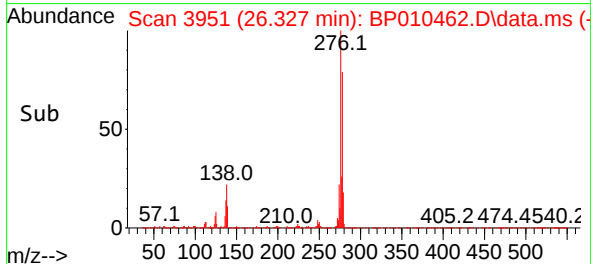
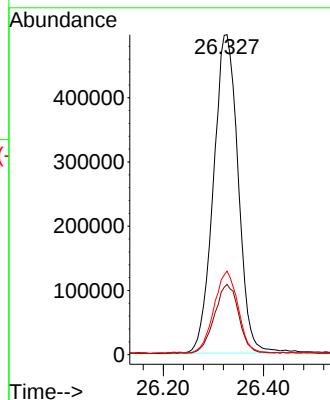
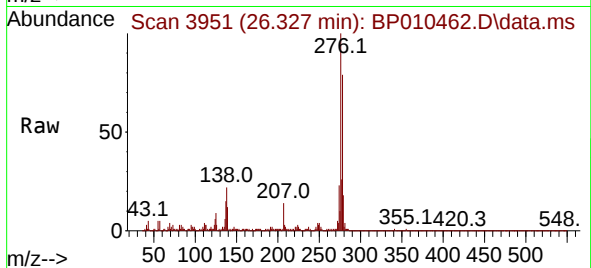
Tgt Ion:276 Resp: 1692122

Ion Ratio Lower Upper

276 100

138 22.0 12.3 18.5#

277 26.1 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 31.678 ng/ul

RT: 26.339 min Scan# 3953

Delta R.T. 0.006 min

Lab File: BP010462.D

Acq: 21 May 2022 07:00

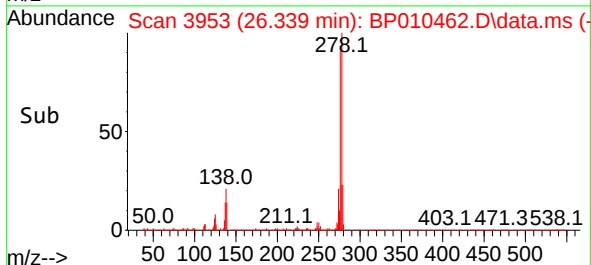
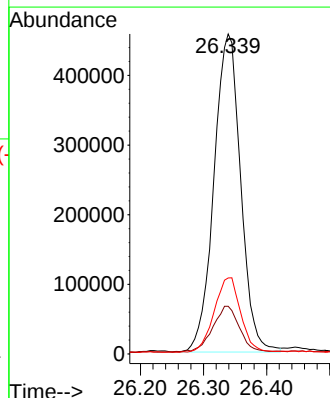
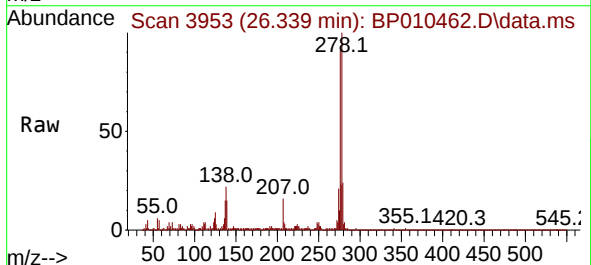
Tgt Ion:278 Resp: 1343977

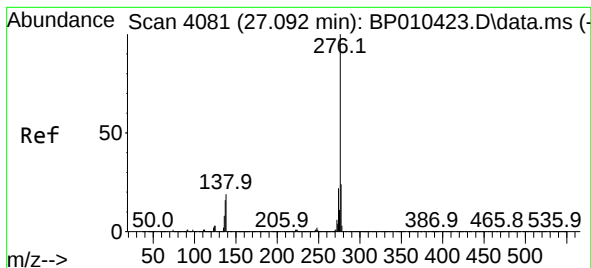
Ion Ratio Lower Upper

278 100

139 14.9 6.6 10.0#

279 23.8 18.4 27.6





#96

Benzo(g,h,i)perylene

Concen: 24.978 ng/ul

RT: 27.098 min Scan# 4082

Delta R.T. 0.006 min

Lab File: BP010462.D

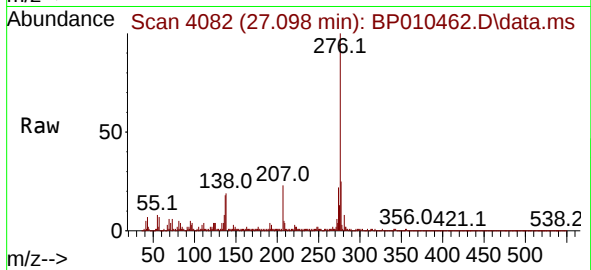
Acq: 21 May 2022 07:00

Instrument :

BNA_P

ClientSampleId :

EW4H4MSD



Tgt Ion:276 Resp: 1019774

Ion Ratio Lower Upper

276 100

138 18.9 11.6 17.4#

277 24.6 15.9 23.9#

