

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014414.D
 Acq On : 30 Mar 2023 22:03
 Operator : CG/JU
 Sample : 02038-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYF73MS

Quant Time: Mar 31 00:13:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 12:32:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	152266	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	678478	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	450442	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	932341	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	661746	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	661799	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	19583	4.987	ng/uL	0.00
4) Pyridine-d5	3.822	84	146232	14.533	ng/u1	0.00
7) Phenol-d5	7.175	99	109831	7.821	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	366328	40.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	304717	30.023	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	212753	18.782	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	219068	39.996	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	245282	39.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	414306	36.272	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	536701	35.672	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1514300	41.462	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1635120	40.348	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	41820	7.579	ng/u1	0.00
60) Fluorene-d10	15.669	176	1254890	41.202	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	276546	40.311	ng/u1	0.00
73) Anthracene-d10	17.533	188	1855039	41.112	ng/u1	0.00
81) Pyrene-d10	19.763	212	1912152	43.019	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1509802	42.940	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	22253	5.157	ng/uL	93
5) Pyridine	3.846	79	136010	12.917	ng/u1	97
6) Benzaldehyde	7.152	77	324435	46.481	ng/u1	98
8) Phenol	7.205	94	112880	7.749	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.434	93	449139	38.367	ng/u1	100
12) 2-Chlorophenol	7.575	128	304769	28.850	ng/u1	94
13) 2-Methylphenol	8.463	108	236622	21.781	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	616747	40.126	ng/u1	100
16) Acetophenone	8.851	105	737737	39.441	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	413851	40.956	ng/u1	95
18) 4-Methylphenol	8.799	108	224057	18.779	ng/u1	98
19) Hexachloroethane	9.099	117	176869	38.319	ng/u1	94
22) Nitrobenzene	9.234	77	599720	38.114	ng/u1	100
23) Isophorone	9.763	82	1153140	39.757	ng/u1	99
25) 2-Nitrophenol	9.951	139	247563	37.397	ng/u1	100
26) 2,4-Dimethylphenol	10.004	107	357832	24.150	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.246	93	674535	38.789	ng/u1	100
29) 2,4-Dichlorophenol	10.487	162	388601	34.570	ng/u1	97
30) Naphthalene	10.893	128	1408108	37.259	ng/u1	100
32) 4-Chloroaniline	11.010	127	429021	28.153	ng/u1	99
33) Hexachlorobutadiene	11.163	225	322486	36.212	ng/u1	99
34) Caprolactam	11.816	113	16332m	4.918	ng/u1	
35) 4-Chloro-3-methylphenol	12.122	107	435362	31.488	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	984859	38.453	ng/u1	99

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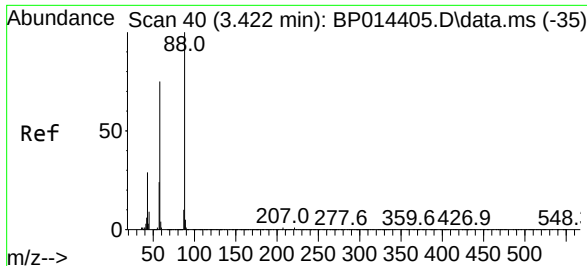
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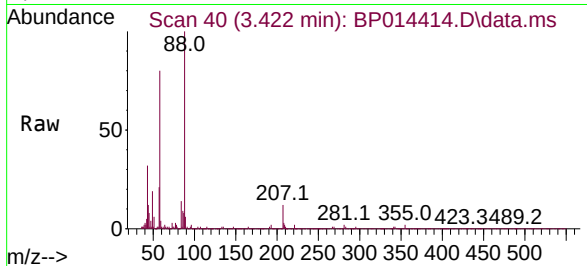
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	1011773	39.832	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.863	216	592819	36.913	ng/u1	98
40) Hexachlorocyclopentadiene	12.834	237	293926	28.261	ng/u1	97
41) 2,4,6-Trichlorophenol	13.104	196	372893	37.522	ng/u1	100
42) 2,4,5-Trichlorophenol	13.181	196	397302	37.552	ng/u1	99
43) 1,1'-Biphenyl	13.504	154	1374139	37.760	ng/u1	99
44) 2-Chloronaphthalene	13.545	162	1079846	37.528	ng/u1	98
45) 2-Nitroaniline	13.763	65	378225	42.445	ng/u1	99
47) Dimethylphthalate	14.122	163	1462208	40.042	ng/u1	99
48) 2,6-Dinitrotoluene	14.257	165	303509	42.541	ng/u1	97
50) Acenaphthylene	14.392	152	1671367	38.725	ng/u1	99
51) 3-Nitroaniline	14.586	138	257816	40.336	ng/u1	100
52) Acenaphthene	14.734	153	1183292	38.798	ng/u1	100
53) 2,4-Dinitrophenol	14.798	184	174989	37.875	ng/u1	97
55) 4-Nitrophenol	14.904	109	40005	7.347	ng/u1	94
56) Dibenzofuran	15.069	168	1651292	38.515	ng/u1	99
57) 2,4-Dinitrotoluene	15.045	165	422818	41.780	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	360688	37.931	ng/u1	98
59) Diethylphthalate	15.486	149	1464834	40.367	ng/u1	99
61) Fluorene	15.722	166	1350776	38.870	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.710	204	727709	38.977	ng/u1	99
63) 4-Nitroaniline	15.757	138	238584	45.941	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.810	198	258442	38.873	ng/u1#	96
67) N-Nitrosodiphenylamine	15.928	169	1140539	39.318	ng/u1	99
68) 4-Bromophenyl-phenylether	16.610	248	462144	39.834	ng/u1	98
69) Hexachlorobenzene	16.728	284	524974	39.394	ng/u1	100
70) Atrazine	16.886	200	302791	28.674	ng/u1	98
71) Pentachlorophenol	17.080	266	264149	34.215	ng/u1	99
72) Phenanthrene	17.475	178	2057195	39.661	ng/u1	100
74) Anthracene	17.569	178	2064502	39.491	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	612048	37.294	ng/uL	99
76) Pentachlorobenzene	14.986	250	616196	37.629	ng/uL	98
77) Carbazole	17.839	167	1737903	39.724	ng/u1	100
78) Di-n-butylphthalate	18.369	149	2356717	42.842	ng/u1	99
80) Fluoranthene	19.433	202	2215464	42.155	ng/u1	99
82) Pyrene	19.792	202	2211038	40.297	ng/u1	100
83) Butylbenzylphthalate	20.645	149	860419	45.525	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.433	252	583657	39.880	ng/u1	99
85) Benzo(a)anthracene	21.504	228	1885292	40.204	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1214358	46.986	ng/u1	100
87) Chrysene	21.557	228	1782666	40.261	ng/u1	99
89) Di-n-octyl phthalate	22.363	149	1938464	45.136	ng/u1	100
90) Benzo(b)fluoranthene	23.262	252	1833938	41.031	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	1726009	39.760	ng/u1	99
93) Benzo(a)pyrene	23.927	252	1572768	40.880	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	2193962	41.450	ng/u1	98
95) Dibenzo(a,h)anthracene	26.703	278	1837294	41.459	ng/u1	99
96) Benzo(g,h,i)perylene	27.503	276	1775677	41.156	ng/u1	98

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



#2
1,4-Dioxane
Concen: 5.157 ng/uL
RT: 3.422 min Scan# 40
Delta R.T. -0.000 min
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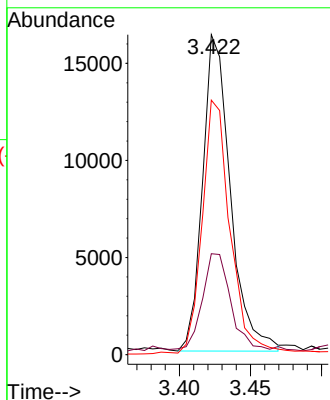
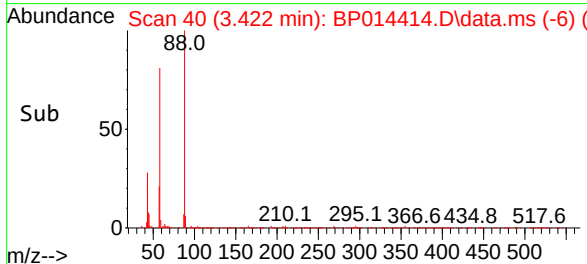
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion: 88 Resp: 2225
Ion Ratio Lower Upper
88 100
43 31.5 24.4 36.6
58 79.5 57.4 86.0

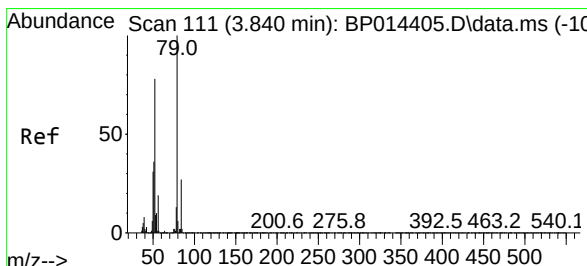
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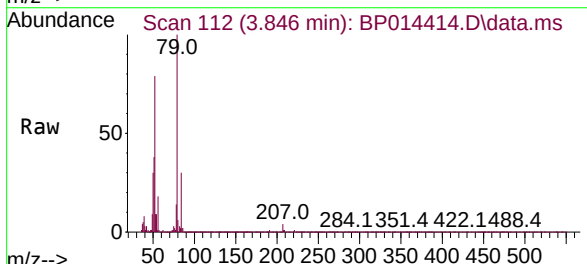


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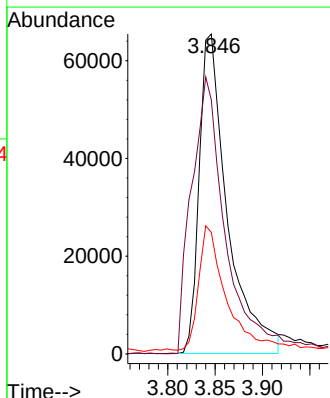
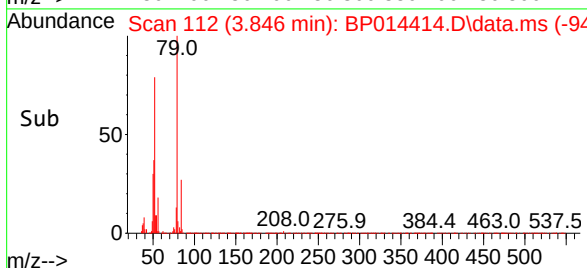
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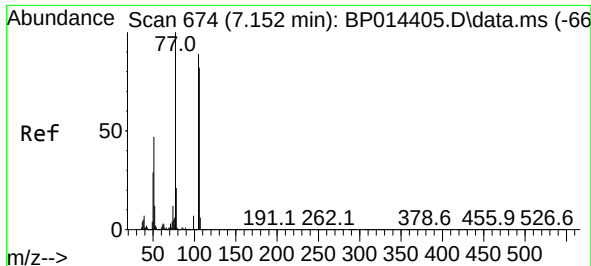


#5
Pyridine
Concen: 12.917 ng/uL
RT: 3.846 min Scan# 112
Delta R.T. 0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03



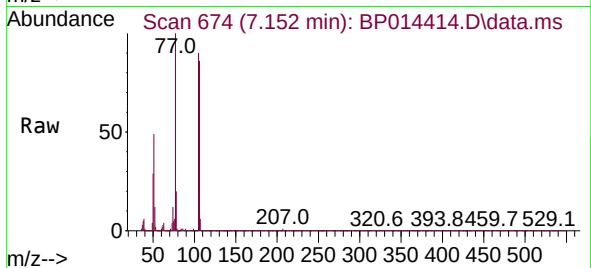
Tgt Ion: 79 Resp: 136010
Ion Ratio Lower Upper
79 100
52 79.4 61.4 92.2
51 38.0 28.5 42.7





#6
Benzaldehyde
Concen: 46.481 ng/ul
RT: 7.152 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

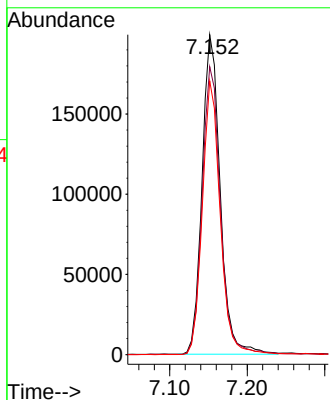
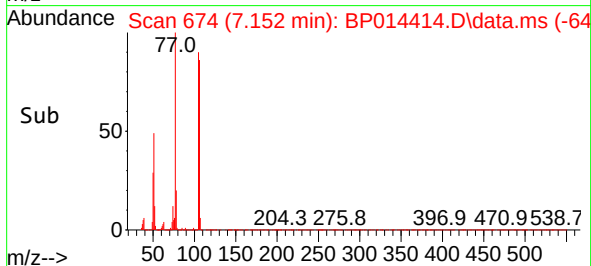
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion: 77 Resp: 324435
Ion Ratio Lower Upper
77 100
105 90.0 70.6 105.8
106 85.5 66.5 99.7

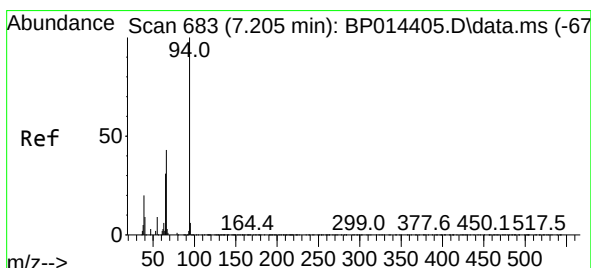
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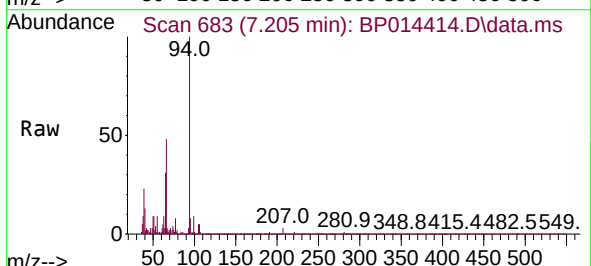


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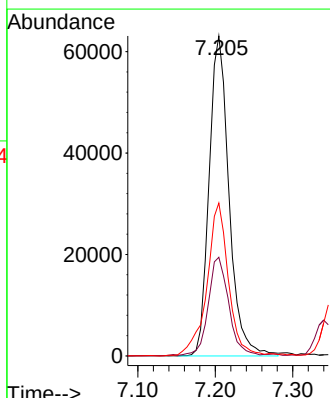
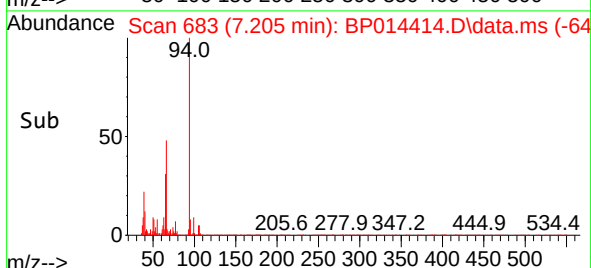
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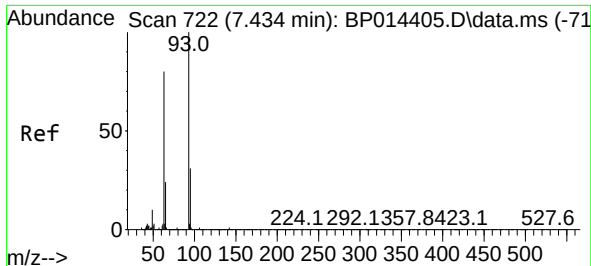


#8
Phenol
Concen: 7.749 ng/ul
RT: 7.205 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03



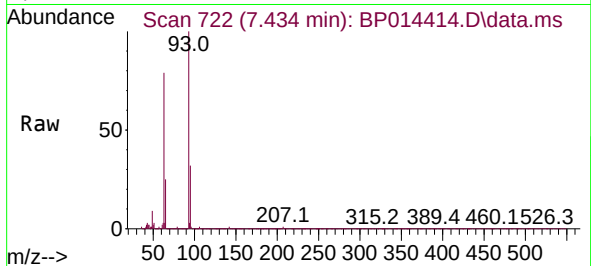
Tgt Ion: 94 Resp: 112880
Ion Ratio Lower Upper
94 100
65 30.8 25.2 37.8
66 47.8 36.2 54.4





#10
Bis(2-Chloroethyl)ether
Concen: 38.367 ng/ul
RT: 7.434 min Scan# 722
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

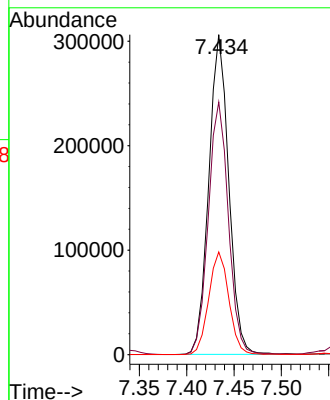
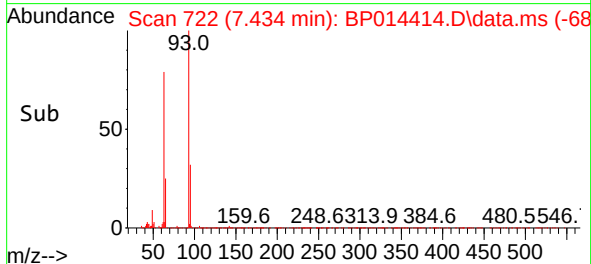
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion: 93 Resp: 449139
Ion Ratio Lower Upper
93 100
63 78.9 63.2 94.8
95 32.1 26.0 39.0

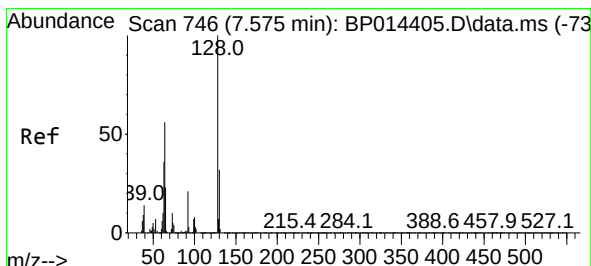
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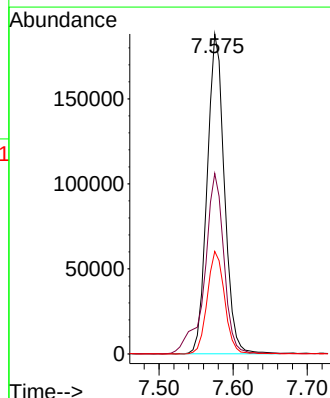
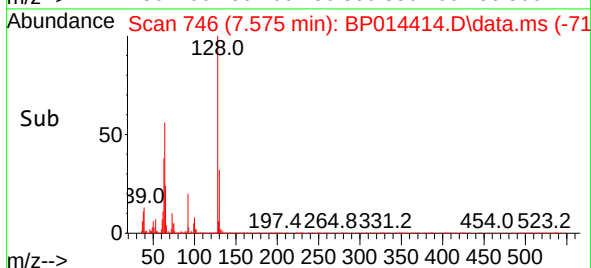
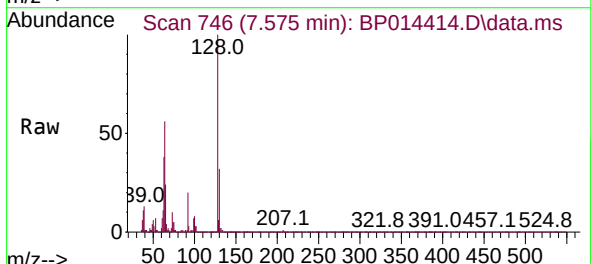
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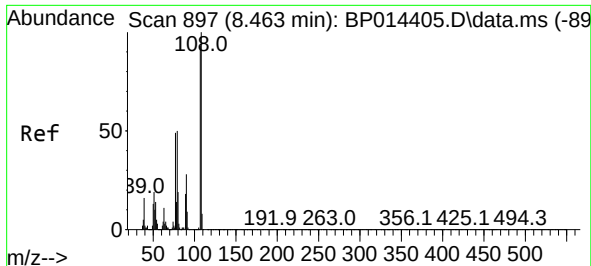
03/31/2023



#12
2-Chlorophenol
Concen: 28.850 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Tgt Ion:128 Resp: 304769
Ion Ratio Lower Upper
128 100
64 56.4 41.4 62.0
130 32.0 24.1 36.1





#13

2-Methylphenol

Concen: 21.781 ng/ul

RT: 8.463 min Scan# 897

Delta R.T. -0.000 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

Instrument :

BNA_P

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Tgt Ion:108 Resp: 236622

Ion Ratio Lower Upper

108 100

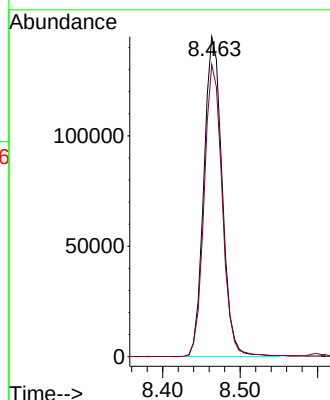
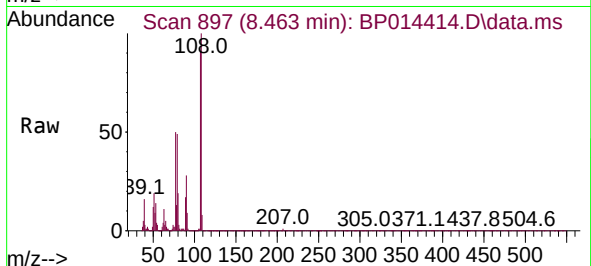
107 91.3 71.2 106.8

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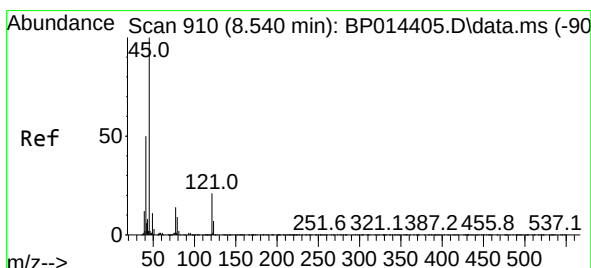
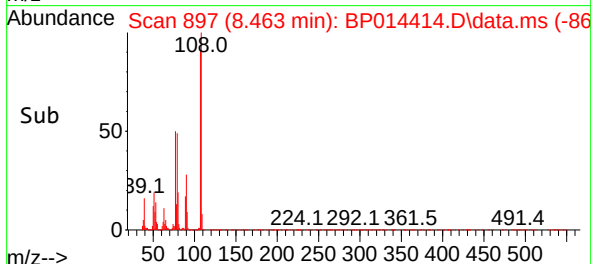
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03/31/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 40.126 ng/ul

RT: 8.552 min Scan# 912

Delta R.T. -0.000 min

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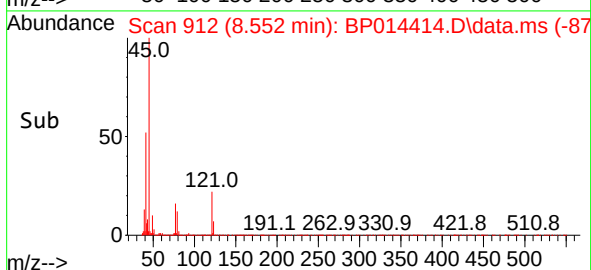
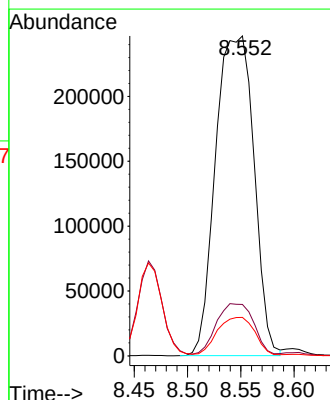
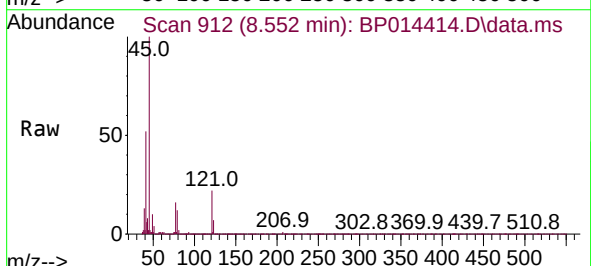
Tgt Ion: 45 Resp: 616747

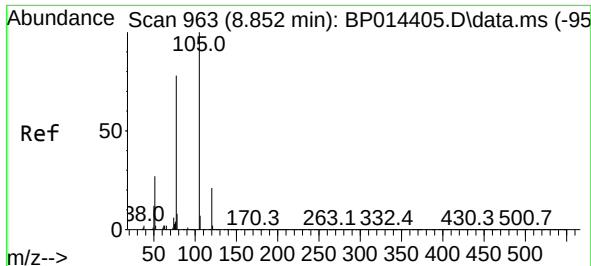
Ion Ratio Lower Upper

45 100

77 16.1 12.8 19.2

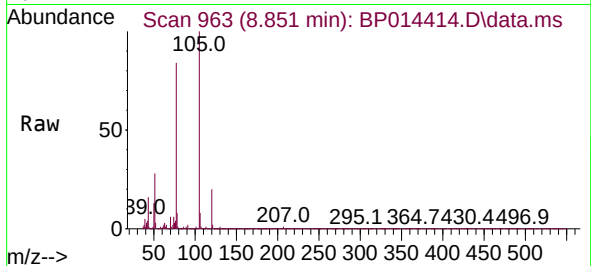
79 12.0 9.6 14.4





#16
Acetophenone
Concen: 39.441 ng/ul
RT: 8.851 min Scan# 963
Delta R.T. -0.000 min
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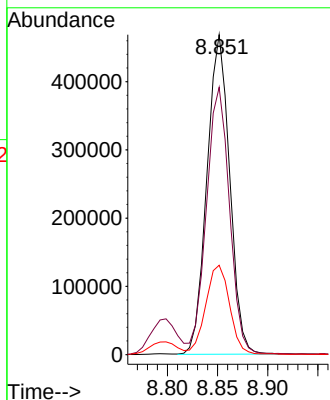
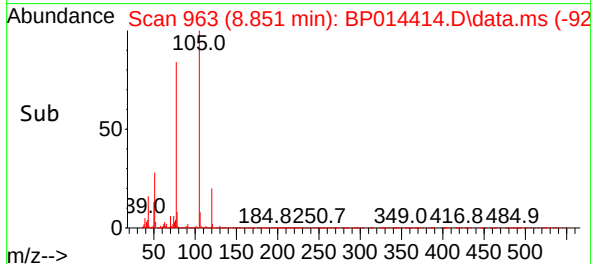
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BNA_P
ClientSampleId :
EYF73MS



Tgt Ion: 105 Resp: 73773
Ion Ratio Lower Upper
105 100
77 83.5 67.3 100.9
51 27.9 23.0 34.4

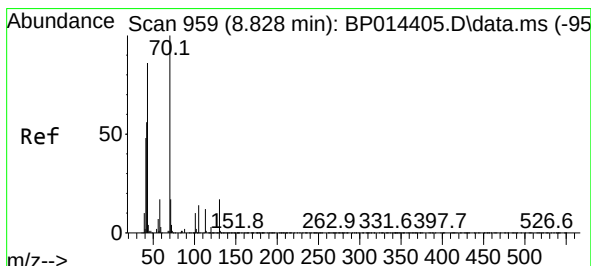
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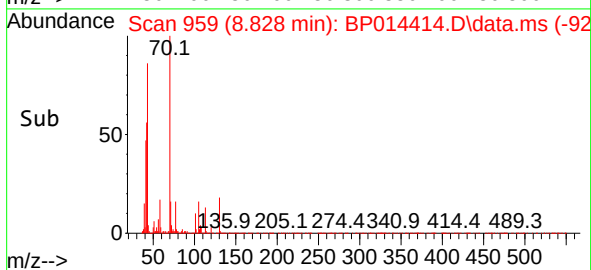
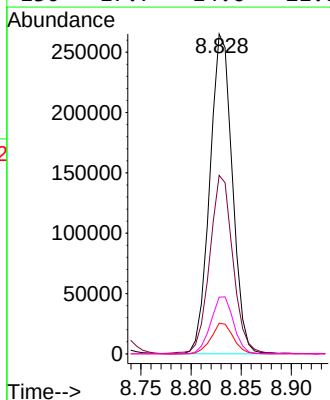
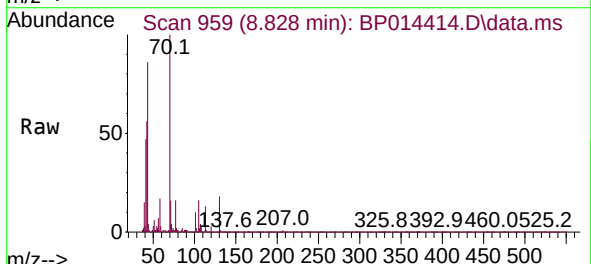
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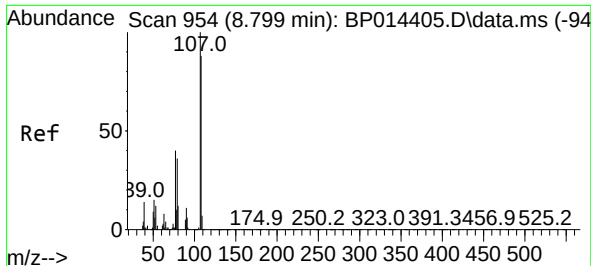
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#17
N-Nitroso-di-n-propylamine
Concen: 40.956 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

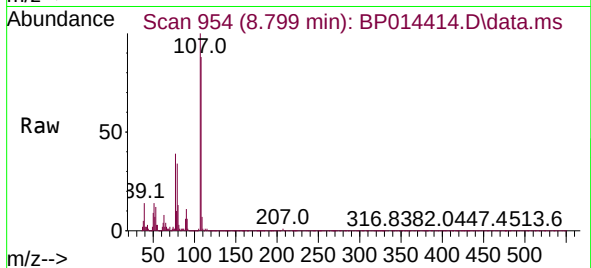
Tgt Ion: 70 Resp: 413851
Ion Ratio Lower Upper
70 100
42 55.8 41.1 61.7
101 9.6 7.0 10.6
130 17.7 14.6 21.8





#18
4-Methylphenol
Concen: 18.779 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

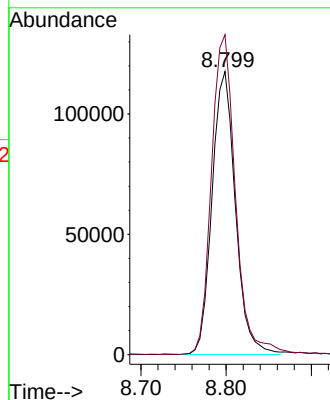
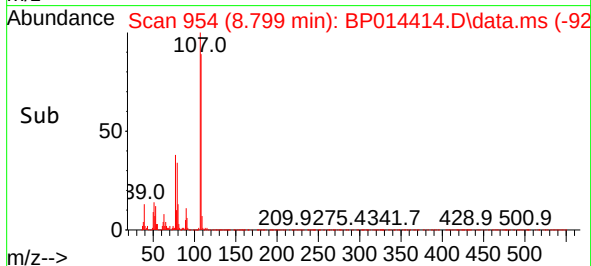
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:108 Resp: 22405
Ion Ratio Lower Upper
108 100
107 113.0 89.0 133.6

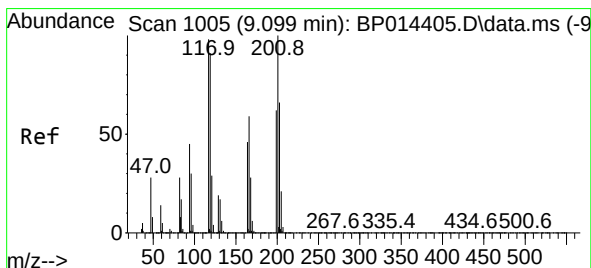
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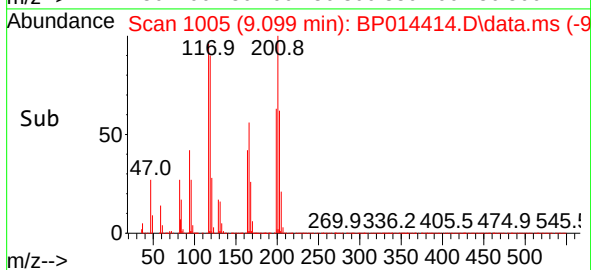
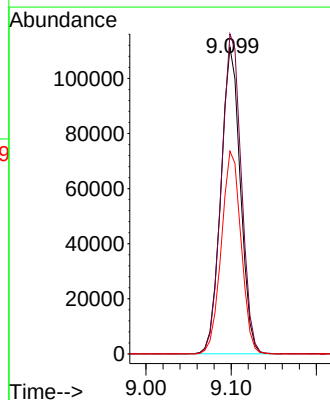
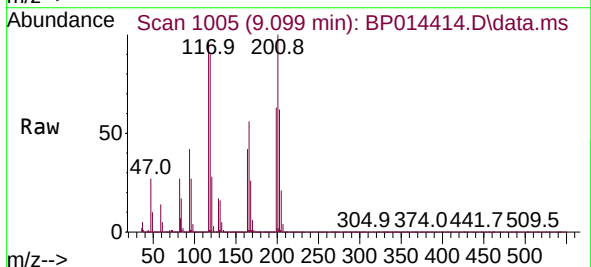
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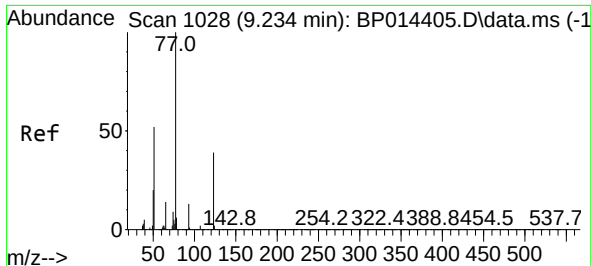
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#19
Hexachloroethane
Concen: 38.319 ng/ul
RT: 9.099 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

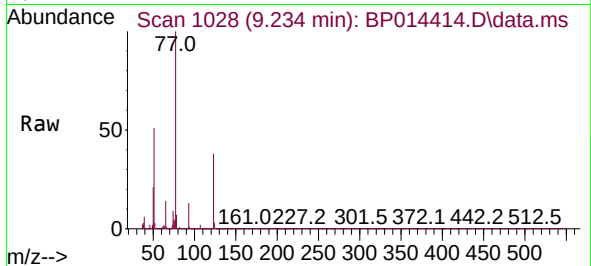
Tgt Ion:117 Resp: 176869
Ion Ratio Lower Upper
117 100
201 104.4 90.2 135.4
199 66.1 54.2 81.2





#22
Nitrobenzene
Concen: 38.114 ng/ul
RT: 9.234 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

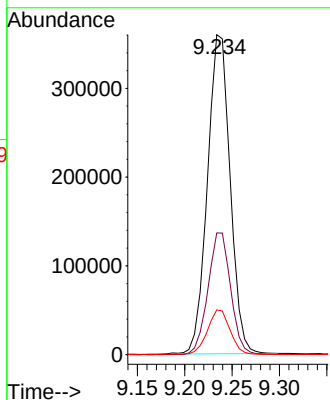
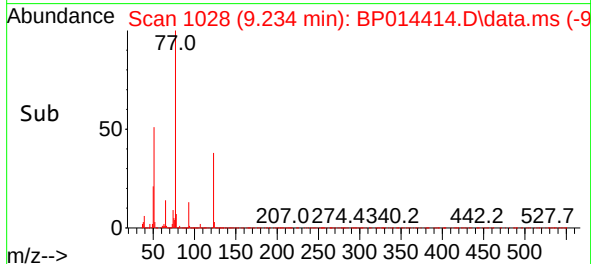
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion: 77 Resp: 599720
Ion Ratio Lower Upper
77 100
123 38.0 30.3 45.5
65 14.0 11.0 16.4

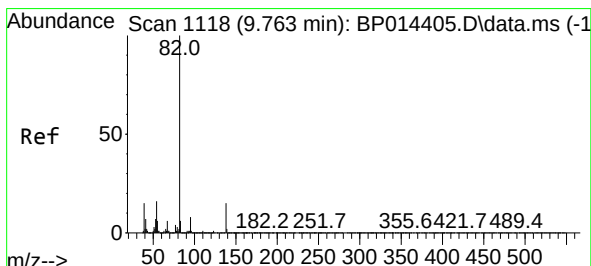
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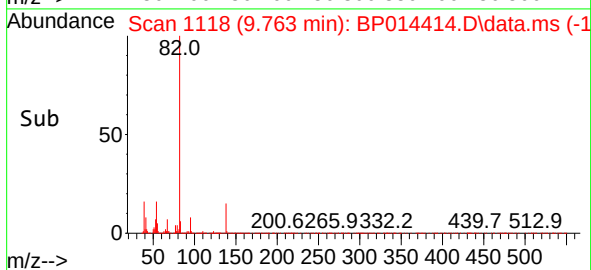
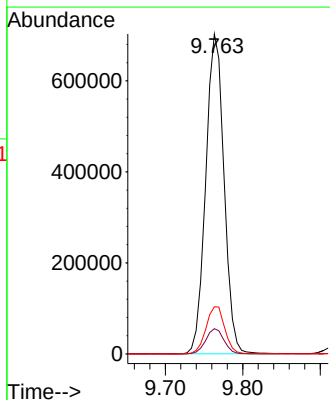
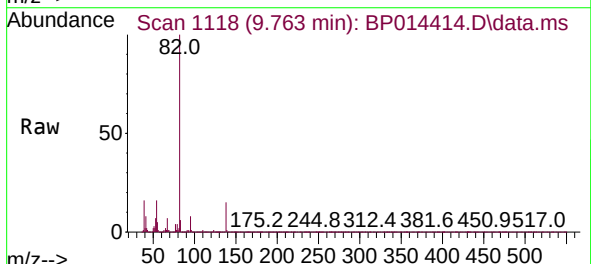
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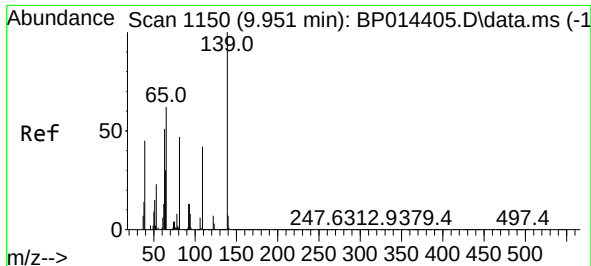
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#23
Isophorone
Concen: 39.757 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Tgt Ion: 82 Resp: 1153140
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 14.7 12.2 18.2





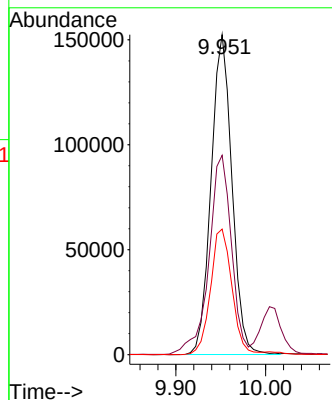
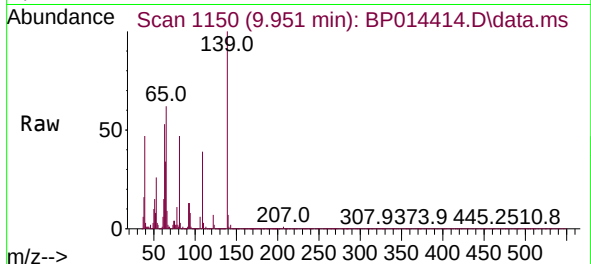
#25
2-Nitrophenol
Concen: 37.397 ng/ul
RT: 9.951 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Instrument :
BNA_P
ClientSampleId :
EYF73MS

Tgt Ion:139 Resp: 247563
Ion Ratio Lower Upper
139 100
65 62.3 49.7 74.5
109 39.2 31.1 46.7

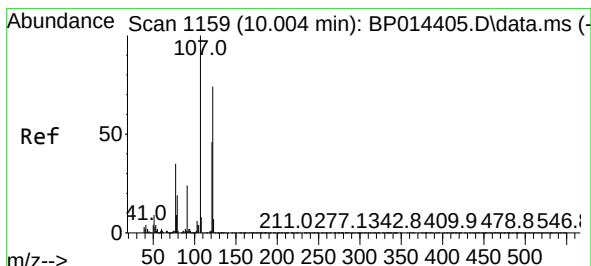
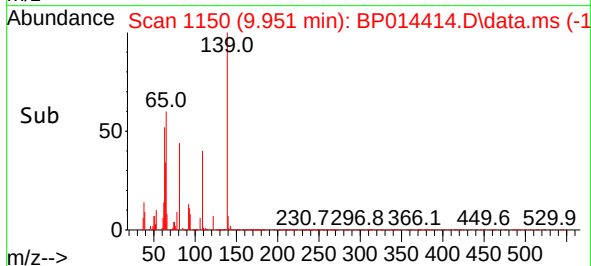
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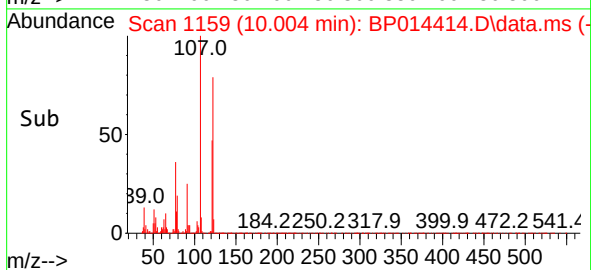
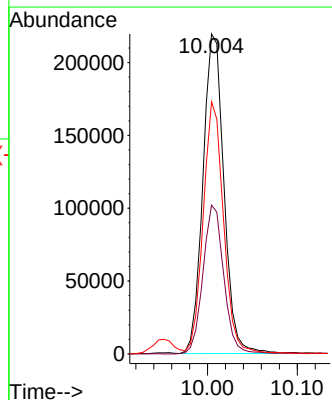
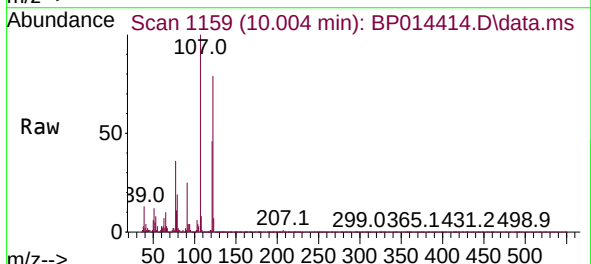
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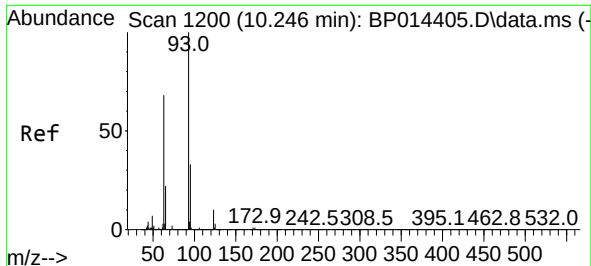
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#26
2,4-Dimethylphenol
Concen: 24.150 ng/ul
RT: 10.004 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

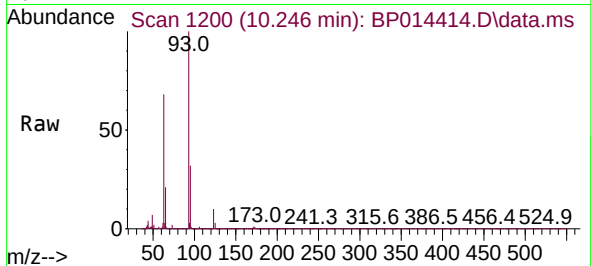
Tgt Ion:107 Resp: 357832
Ion Ratio Lower Upper
107 100
121 46.5 37.0 55.6
122 78.8 59.8 89.6





#27
Bis(2-Chloroethoxy)methane
Concen: 38.789 ng/ul
RT: 10.246 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

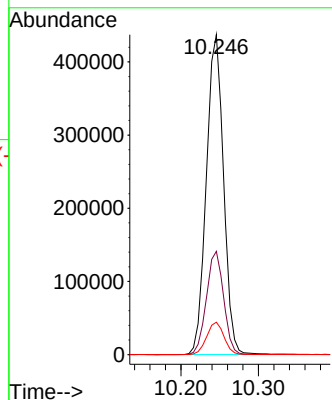
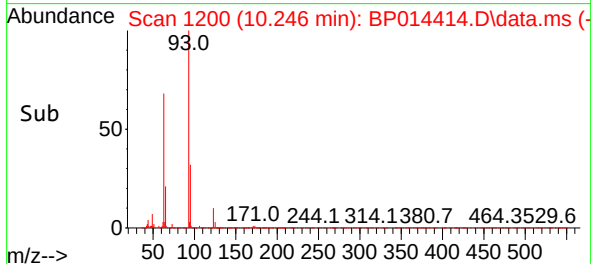
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion: 93 Resp: 674535
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 10.1 8.5 12.7

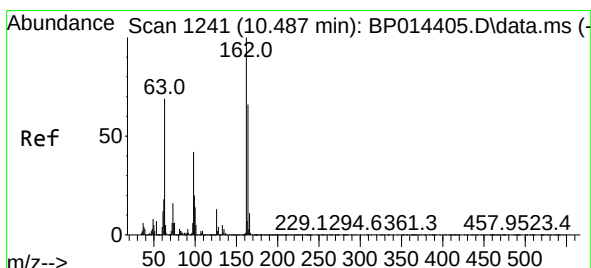
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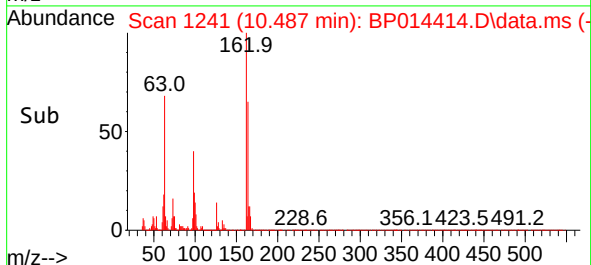
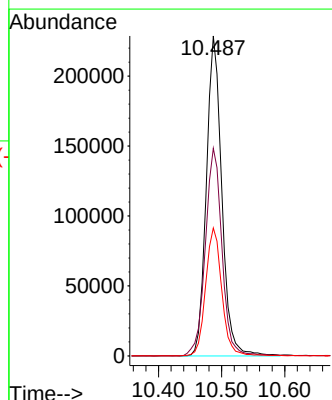
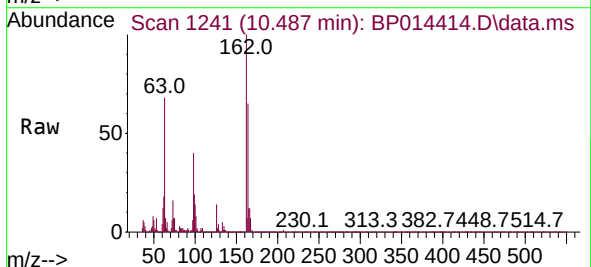
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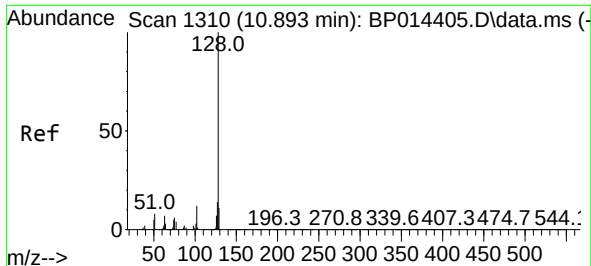
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#29
2,4-Dichlorophenol
Concen: 34.570 ng/ul
RT: 10.487 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

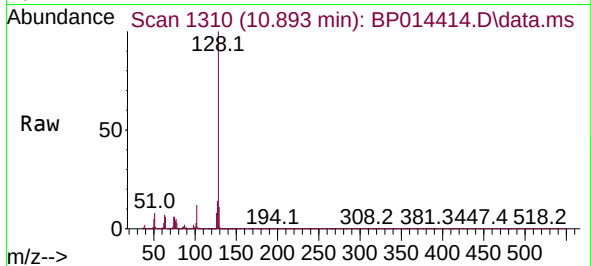
Tgt Ion:162 Resp: 388601
Ion Ratio Lower Upper
162 100
164 64.9 50.1 75.1
98 40.0 30.6 45.8





#30
Naphthalene
Concen: 37.259 ng/ul
RT: 10.893 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

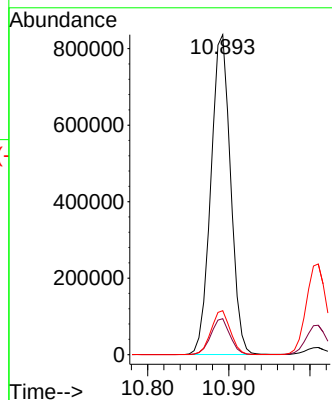
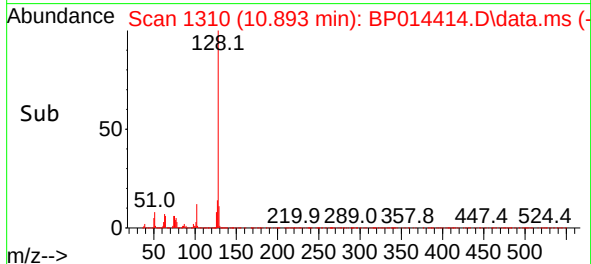
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:128 Resp: 1408108
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.7 11.0 16.6

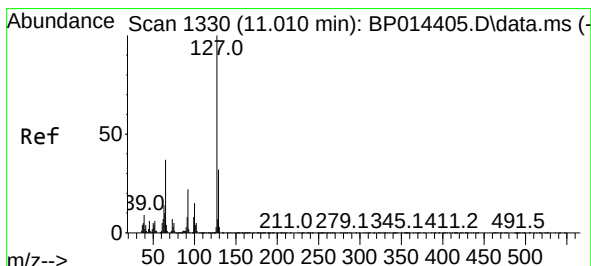
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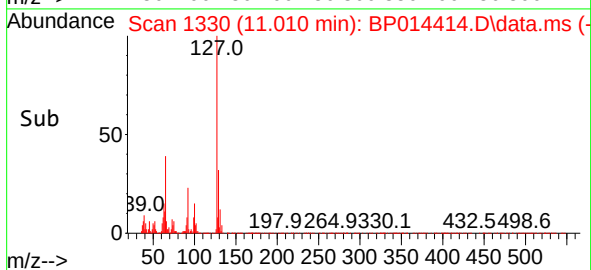
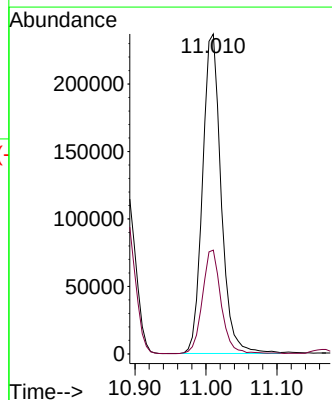
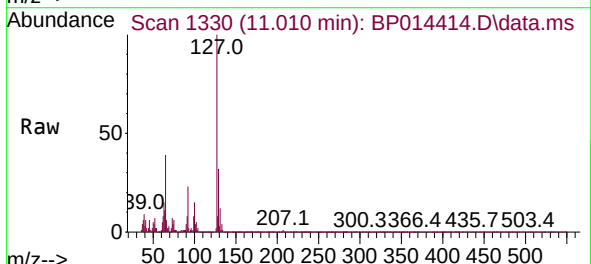
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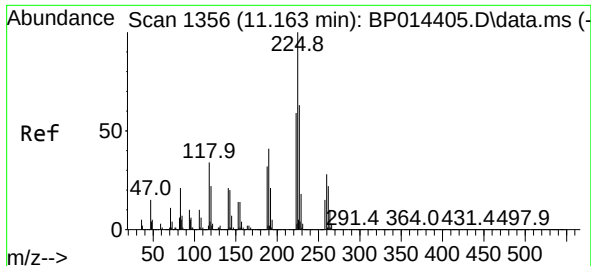
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#32
4-Chloroaniline
Concen: 28.153 ng/ul
RT: 11.010 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

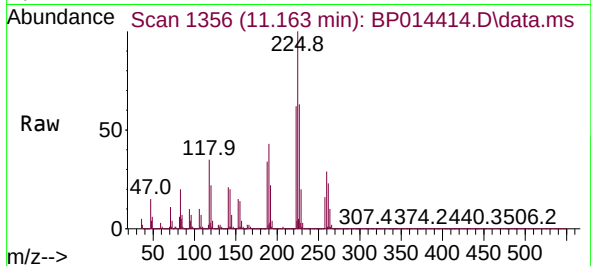
Tgt Ion:127 Resp: 429021
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.0





#33
Hexachlorobutadiene
Concen: 36.212 ng/ul
RT: 11.163 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

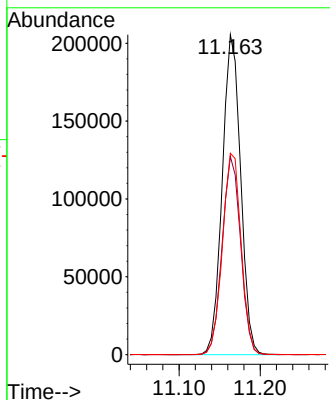
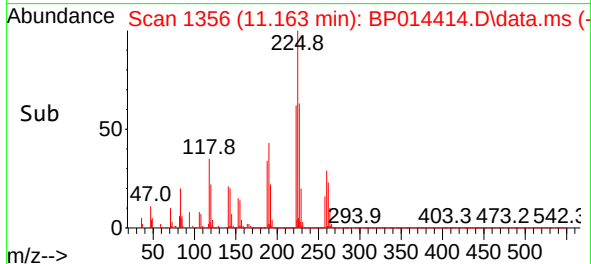
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:225 Resp: 322486
Ion Ratio Lower Upper
225 100
223 61.9 49.3 73.9
227 62.9 49.6 74.4

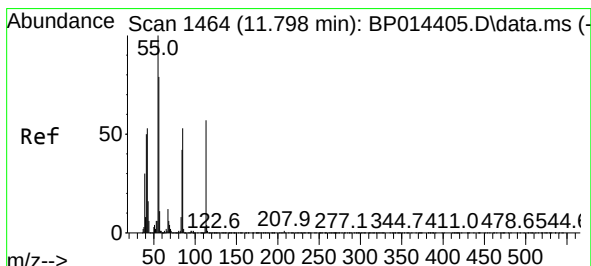
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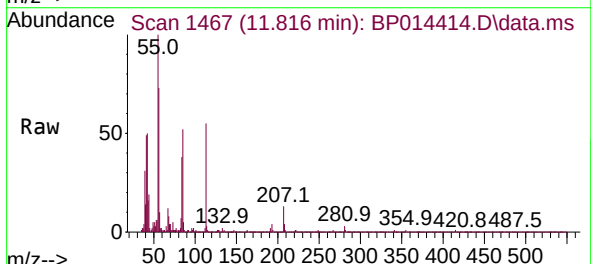


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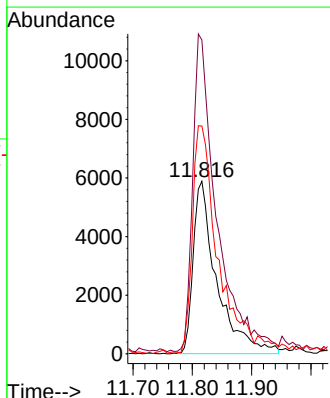
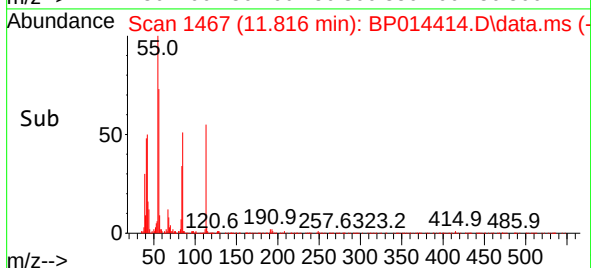
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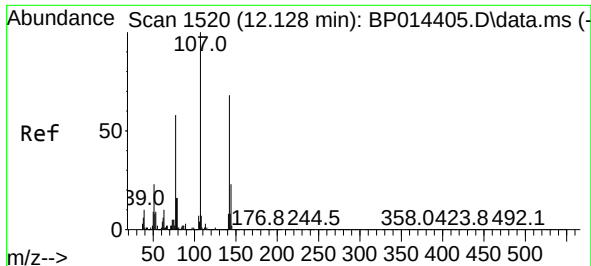


#34
Caprolactam
Concen: 4.918 ng/ul m
RT: 11.816 min Scan# 1467
Delta R.T. 0.018 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03



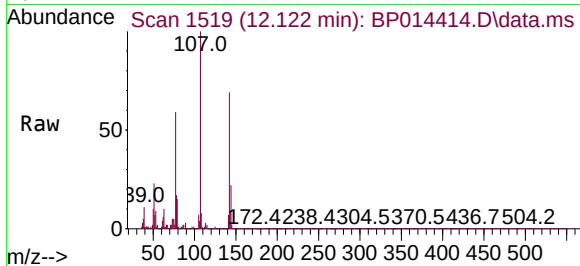
Tgt Ion:113 Resp: 16332
Ion Ratio Lower Upper
113 100
55 181.8 131.2 196.8
56 132.1 101.1 151.7





#35
4-Chloro-3-methylphenol
Concen: 31.488 ng/ul
RT: 12.122 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

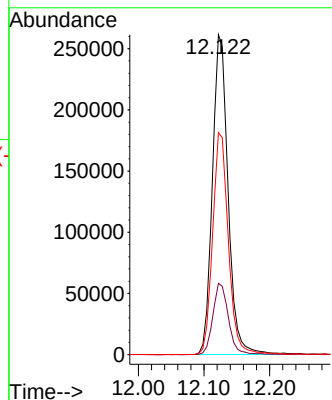
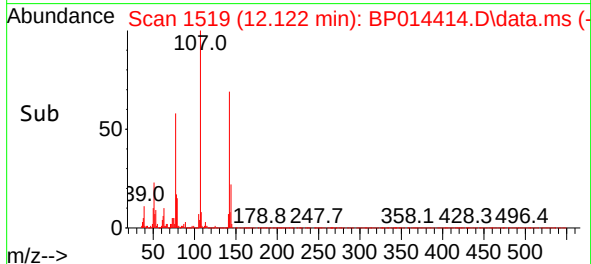
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:107 Resp: 435362
Ion Ratio Lower Upper
107 100
144 22.3 17.3 25.9
142 69.4 54.6 81.8

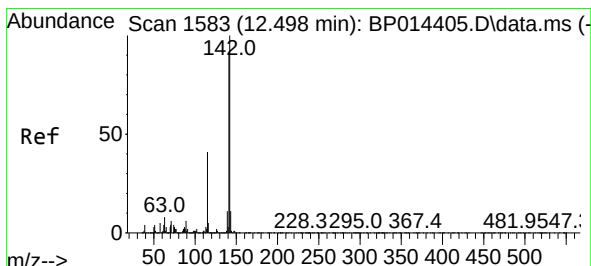
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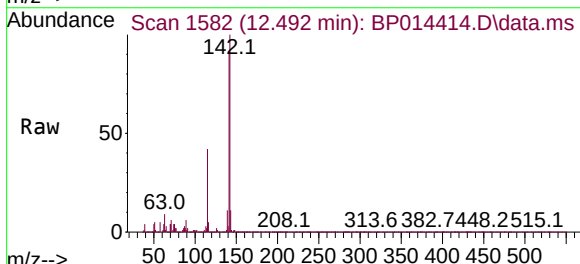


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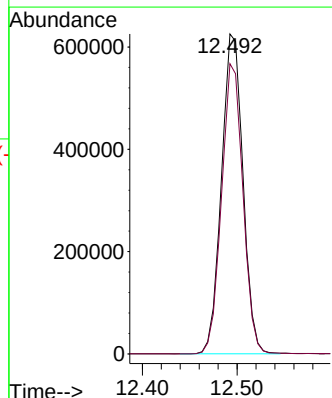
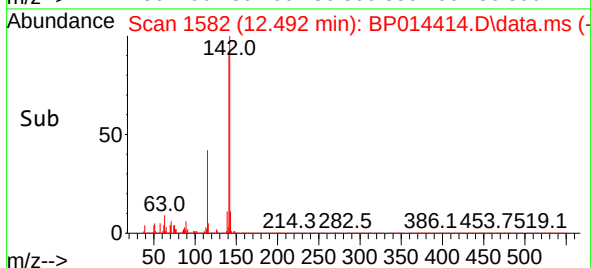
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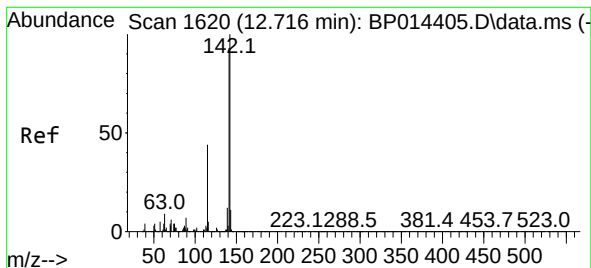


#36
2-Methylnaphthalene
Concen: 38.453 ng/ul
RT: 12.492 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03



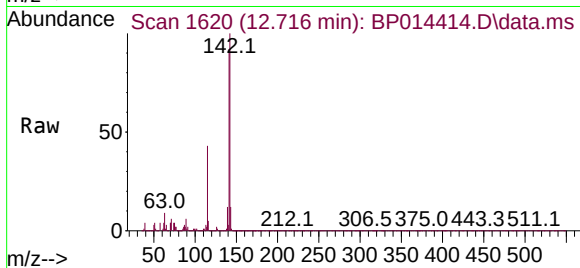
Tgt Ion:142 Resp: 984859
Ion Ratio Lower Upper
142 100
141 90.7 71.6 107.4





#37
1-Methylnaphthalene
Concen: 39.832 ng/ul
RT: 12.716 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

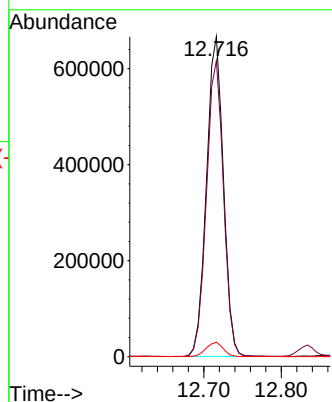
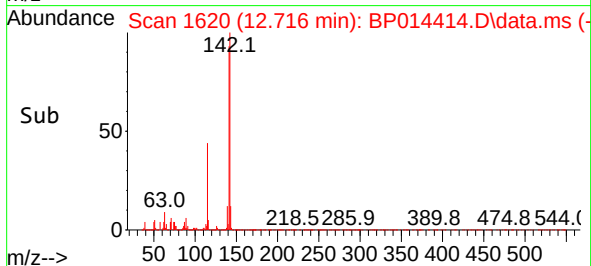
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:142 Resp: 1011773
Ion Ratio Lower Upper
142 100
141 92.4 76.6 114.8
116 4.5 3.6 5.4

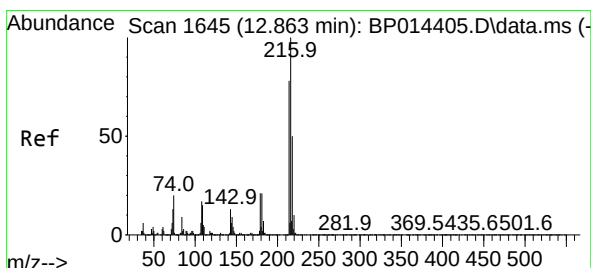
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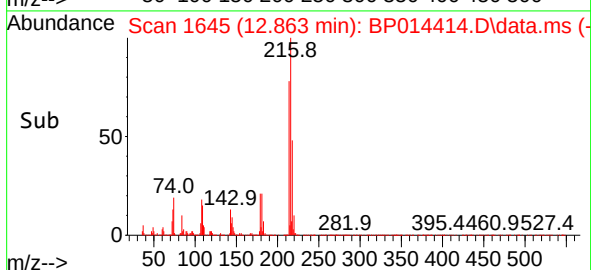
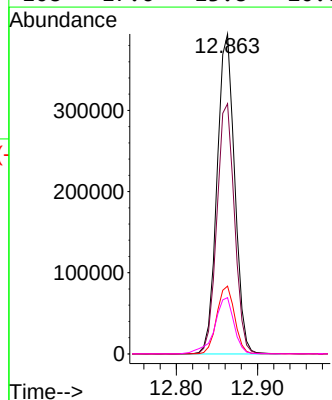
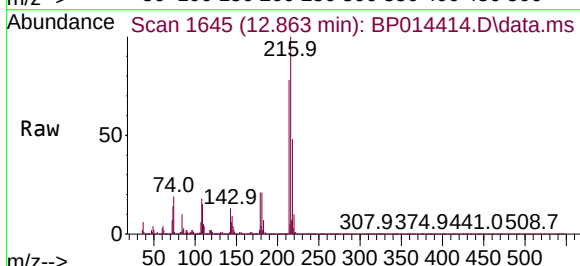
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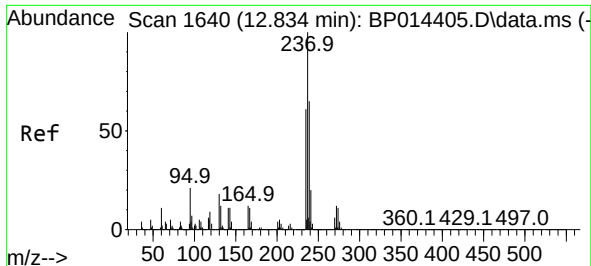
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.913 ng/ul
RT: 12.863 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

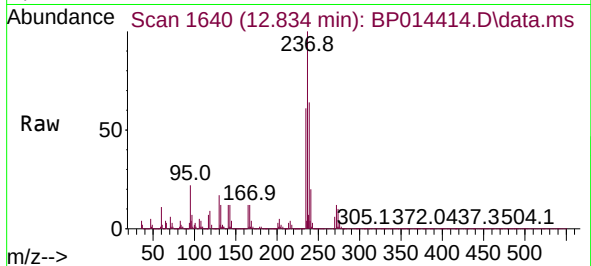
Tgt Ion:216 Resp: 592819
Ion Ratio Lower Upper
216 100
214 78.2 61.0 91.6
179 21.2 16.6 24.8
108 17.6 13.8 20.6





#40
Hexachlorocyclopentadiene
Concen: 28.261 ng/ul
RT: 12.834 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

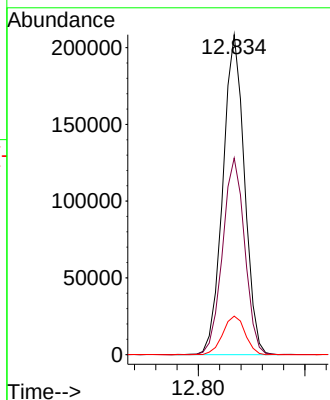
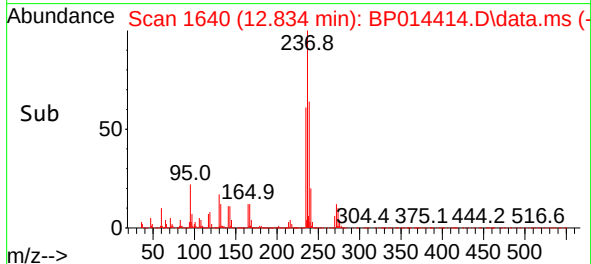
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:237 Resp: 293926
Ion Ratio Lower Upper
237 100
235 61.4 51.0 76.4
272 12.0 10.3 15.5

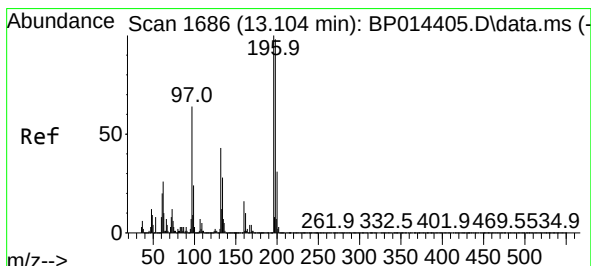
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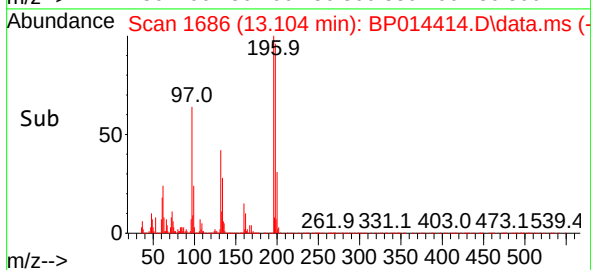
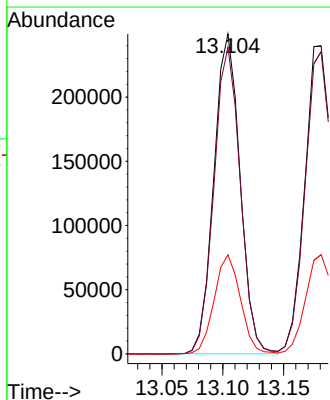
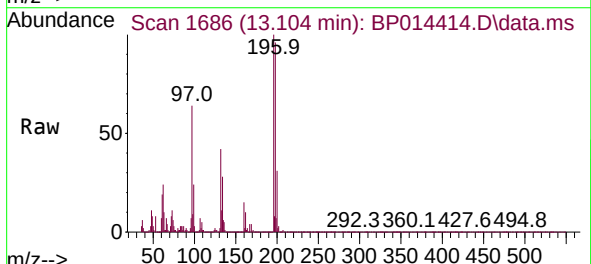
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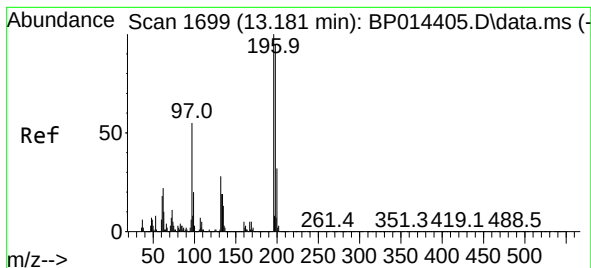
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#41
2,4,6-Trichlorophenol
Concen: 37.522 ng/ul
RT: 13.104 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

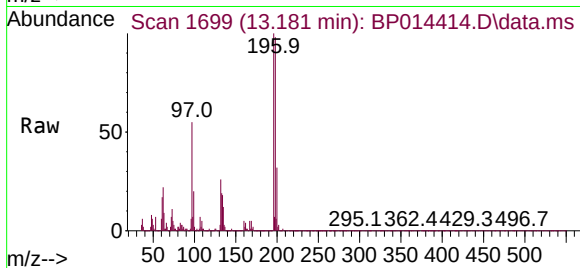
Tgt Ion:196 Resp: 372893
Ion Ratio Lower Upper
196 100
198 95.8 76.6 114.8
200 31.0 25.4 38.2





#42
2,4,5-Trichlorophenol
Concen: 37.552 ng/ul
RT: 13.181 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

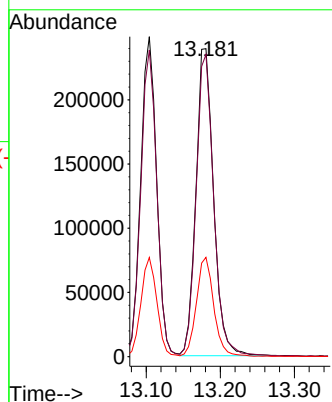
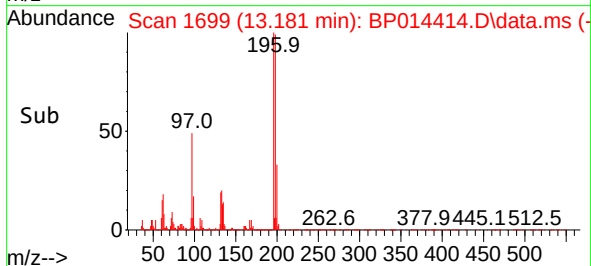
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:196 Resp: 397302
Ion Ratio Lower Upper
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198 98.1 79.8 119.8
200 32.3 25.6 38.4

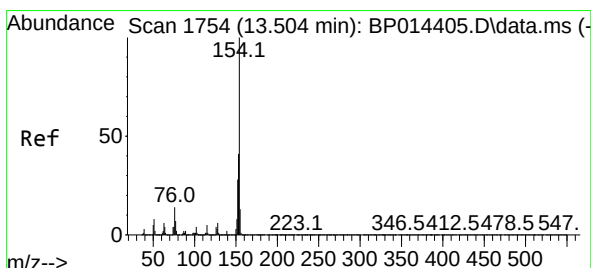
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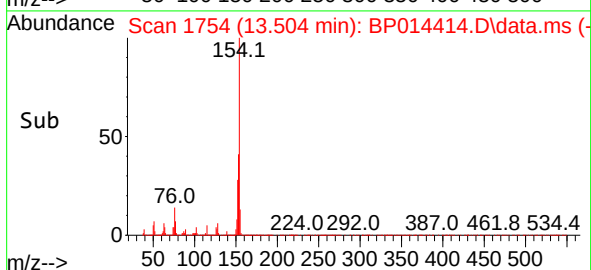
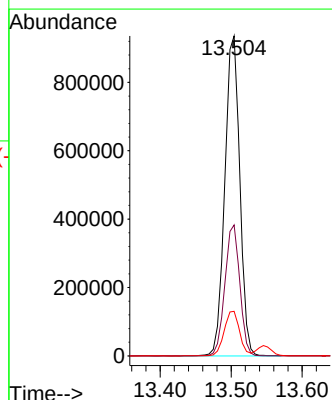
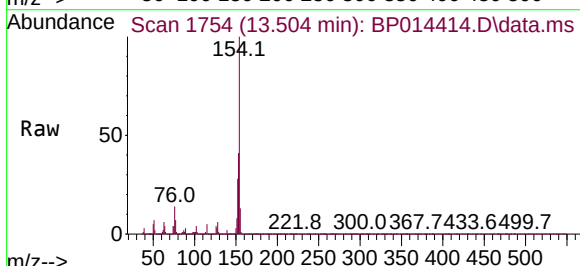
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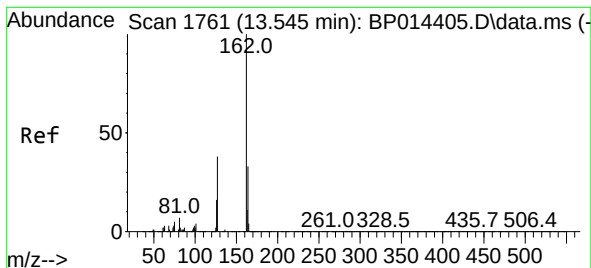
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#43
1,1'-Biphenyl
Concen: 37.760 ng/ul
RT: 13.504 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

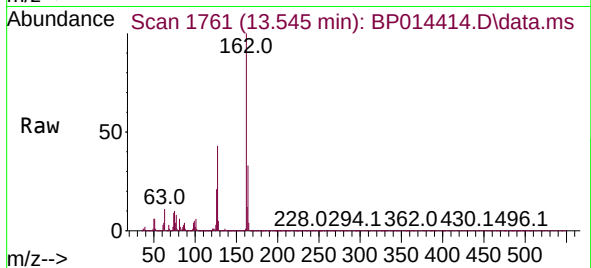
Tgt Ion:154 Resp: 1374139
Ion Ratio Lower Upper
154 100
153 40.9 32.4 48.6
76 13.9 10.7 16.1





#44
2-Chloronaphthalene
Concen: 37.528 ng/ul
RT: 13.545 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

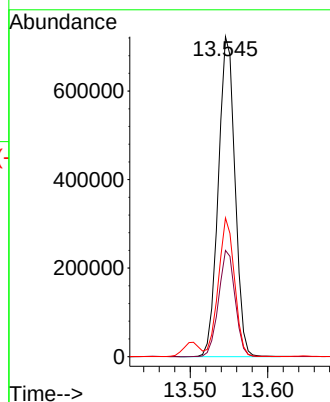
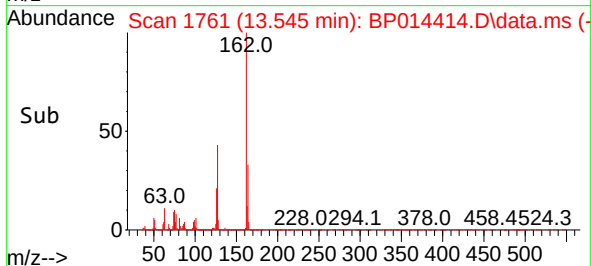
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:162 Resp: 1079846
Ion Ratio Lower Upper
162 100
164 33.2 26.1 39.1
127 43.3 33.7 50.5

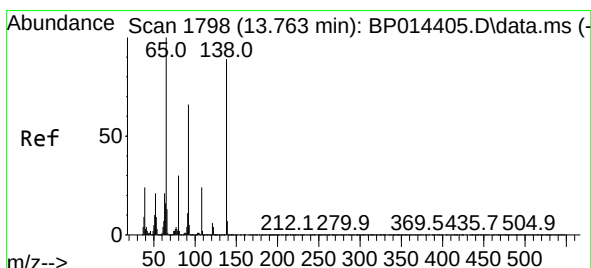
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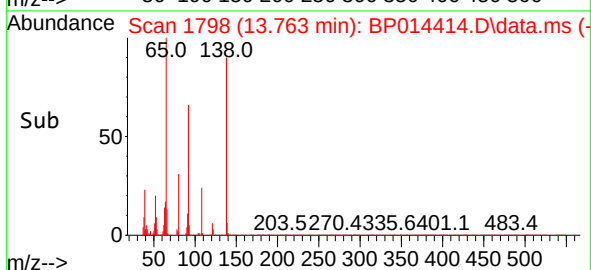
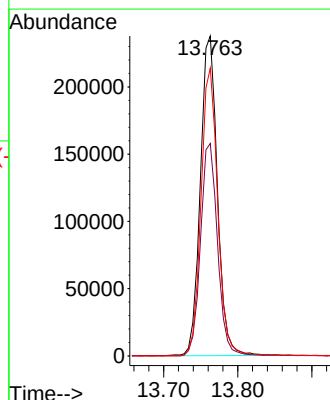
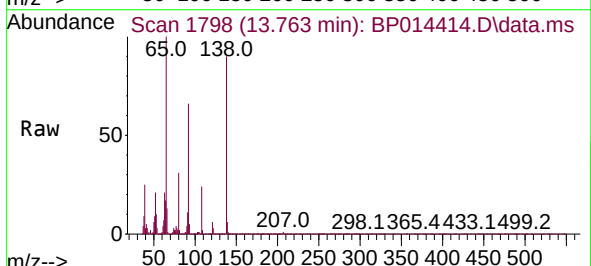
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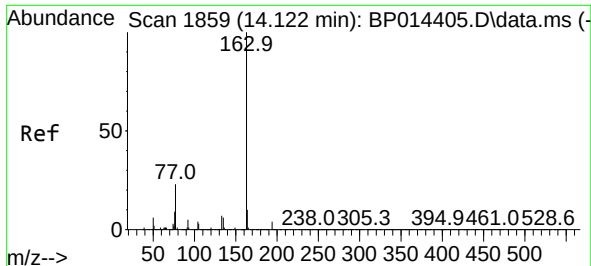
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#45
2-Nitroaniline
Concen: 42.445 ng/ul
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Tgt Ion: 65 Resp: 378225
Ion Ratio Lower Upper
65 100
92 66.4 53.7 80.5
138 89.9 71.7 107.5





#47

Dimethylphthalate

Concen: 40.042 ng/ul

RT: 14.122 min Scan# 1859

Delta R.T. -0.000 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

Instrument :

BNA_P

ClientSampleId :

EYF73MS

Tgt Ion:163 Resp: 1462208

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

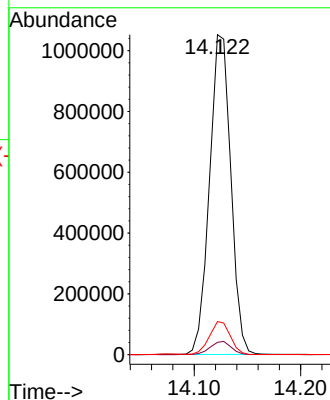
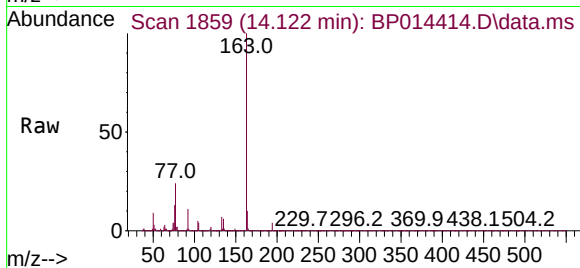
164 10.3 7.8 11.8

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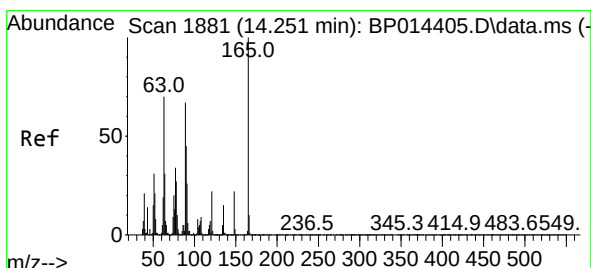
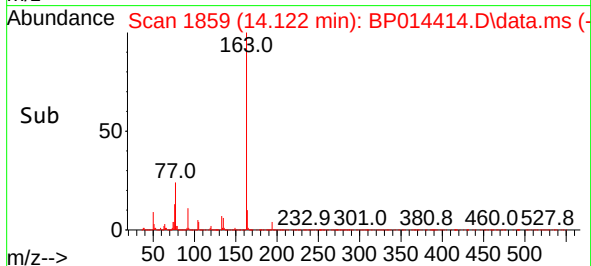
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#48

2,6-Dinitrotoluene

Concen: 42.541 ng/ul

RT: 14.257 min Scan# 1882

Delta R.T. 0.006 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

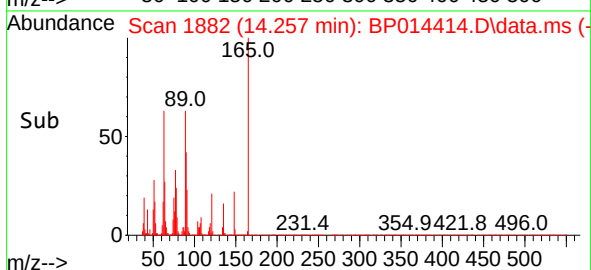
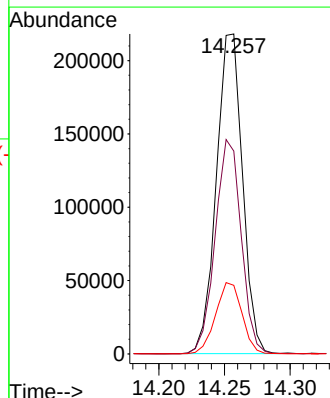
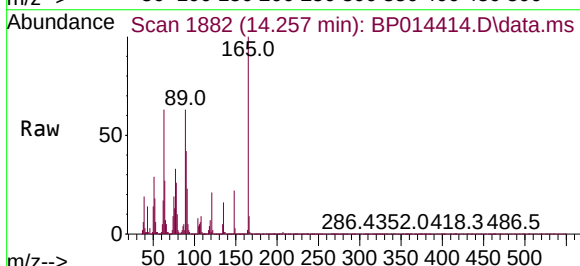
Tgt Ion:165 Resp: 303509

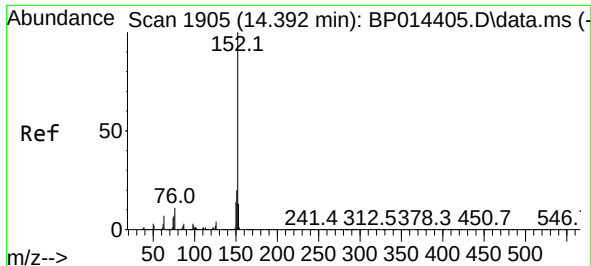
Ion Ratio Lower Upper

165 100

89 63.4 52.7 79.1

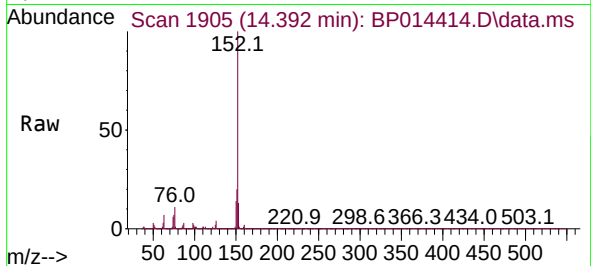
121 21.4 17.9 26.9





#50
Acenaphthylene
Concen: 38.725 ng/ul
RT: 14.392 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

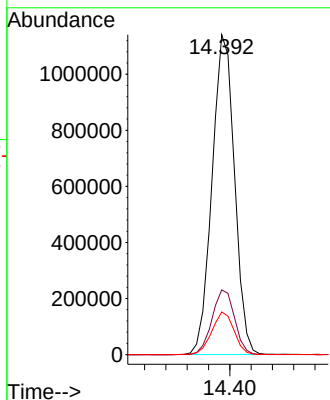
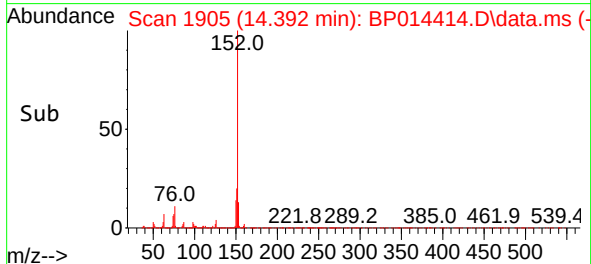
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:152 Resp: 167136
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.3 10.2 15.4

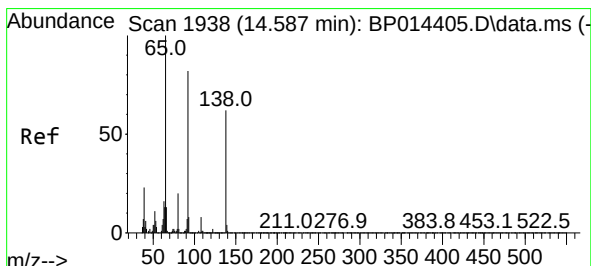
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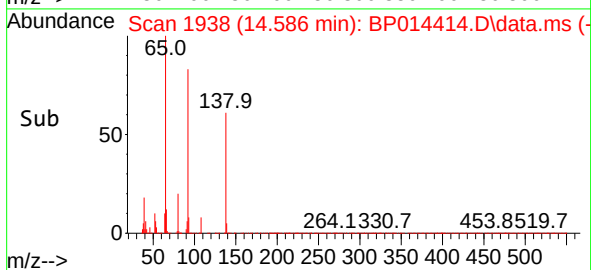
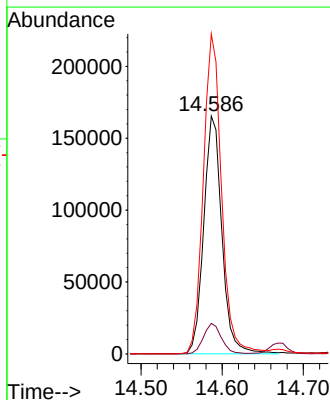
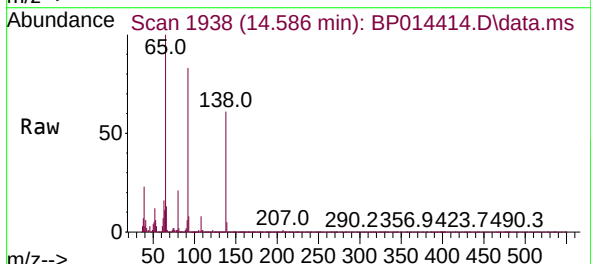
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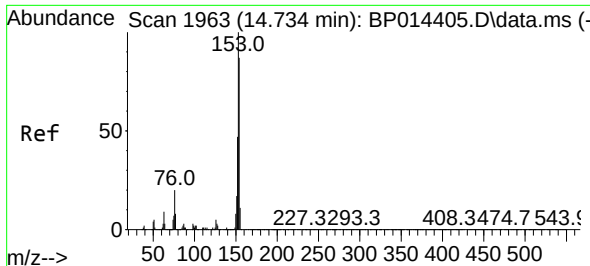
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#51
3-Nitroaniline
Concen: 40.336 ng/ul
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

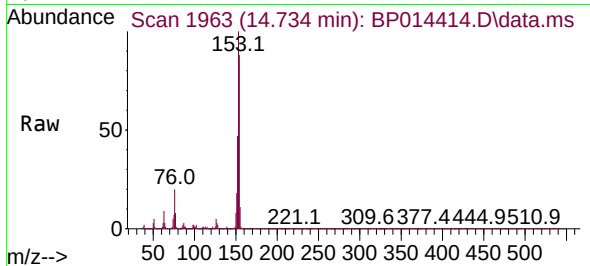
Tgt Ion:138 Resp: 257816
Ion Ratio Lower Upper
138 100
108 12.8 9.9 14.9
92 134.5 107.6 161.4





#52
Acenaphthene
Concen: 38.798 ng/ul
RT: 14.734 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

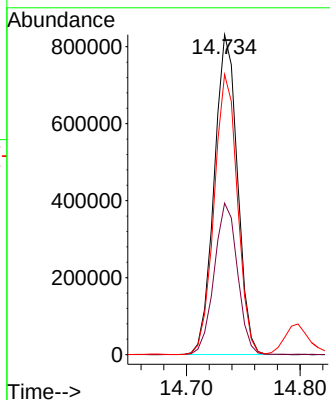
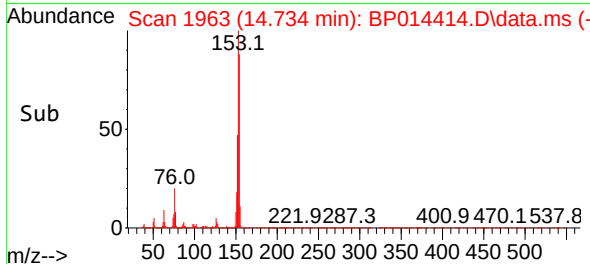
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:153 Resp: 1183292
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.4
154 87.6 70.2 105.2

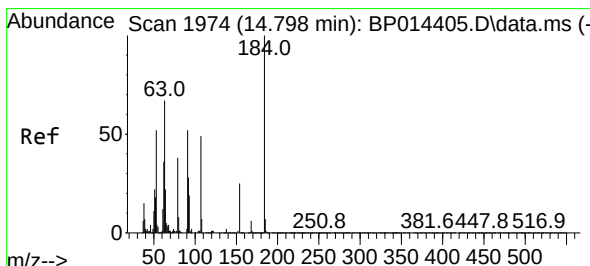
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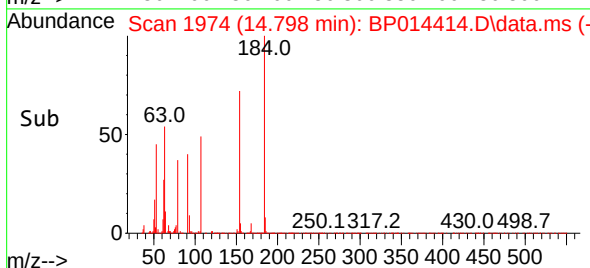
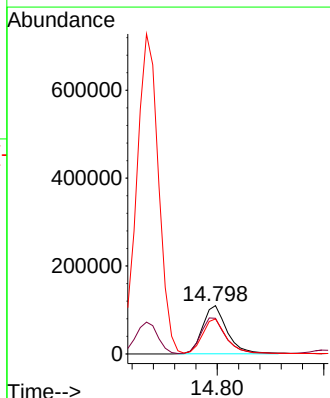
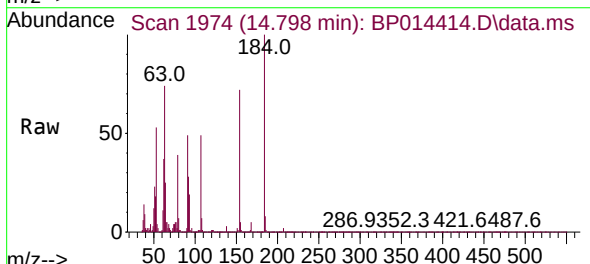
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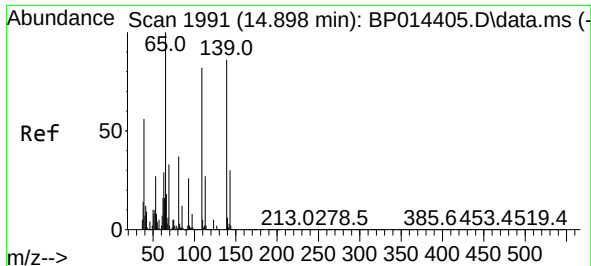
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#53
2,4-Dinitrophenol
Concen: 37.875 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

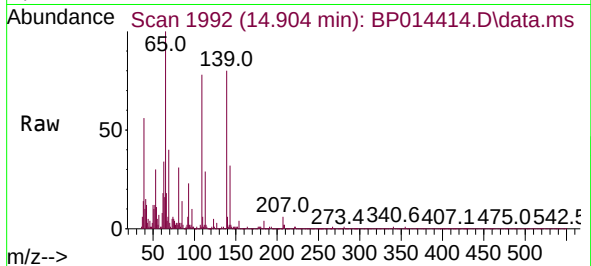
Tgt Ion:184 Resp: 174989
Ion Ratio Lower Upper
184 100
63 73.8 57.1 85.7
154 72.4 55.3 82.9





#55
4-Nitrophenol
Concen: 7.347 ng/ul
RT: 14.904 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

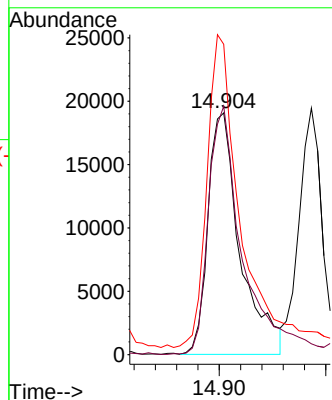
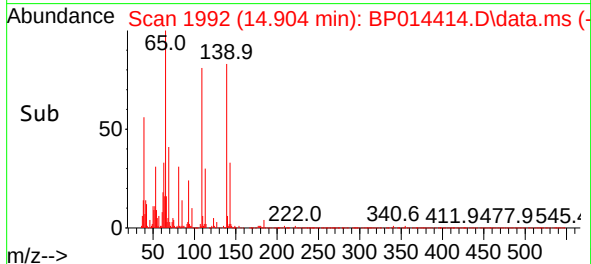
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:109 Resp: 40005
Ion Ratio Lower Upper
109 100
139 102.8 77.4 116.2
65 128.4 97.3 145.9

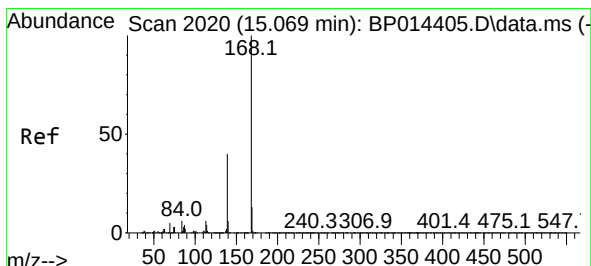
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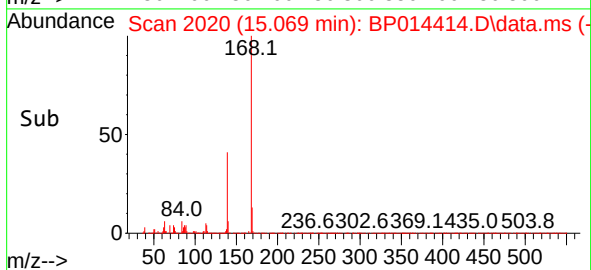
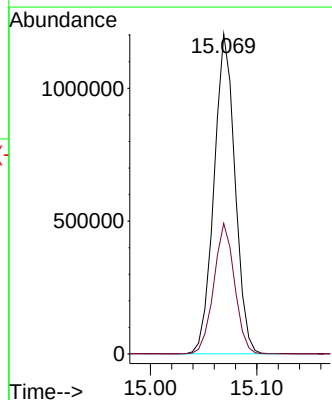
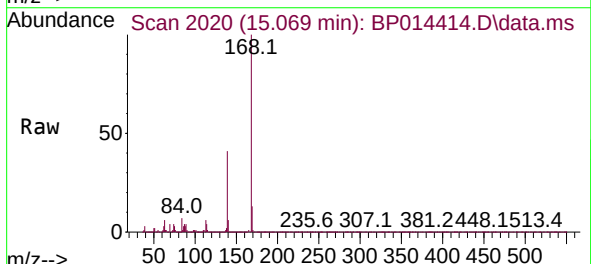
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Upadhyay

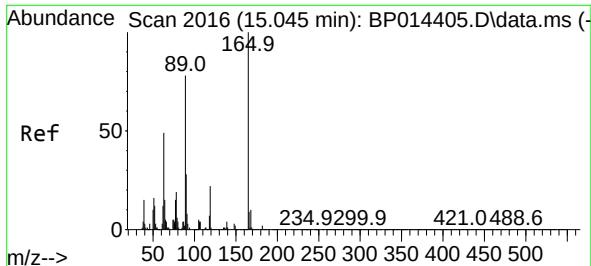
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#56
Dibenzofuran
Concen: 38.515 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Tgt Ion:168 Resp: 1651292
Ion Ratio Lower Upper
168 100
139 40.8 32.1 48.1





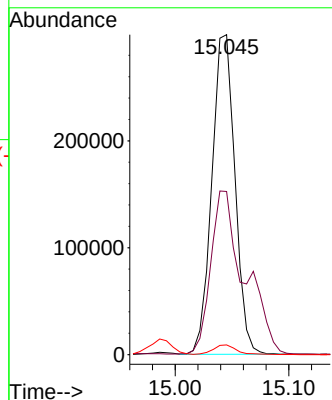
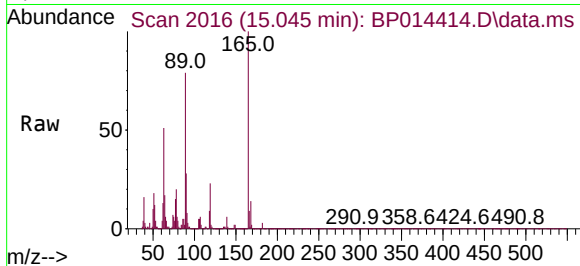
#57
2,4-Dinitrotoluene
Concen: 41.780 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Instrument :
BNA_P
ClientSampleId :
EYF73MS

Tgt Ion:165 Resp: 422818
Ion Ratio Lower Upper
165 100
63 51.0 41.6 62.4
182 3.0 2.4 3.6

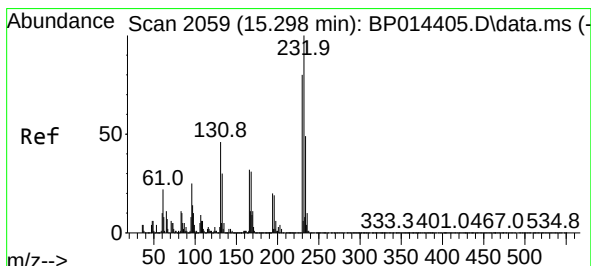
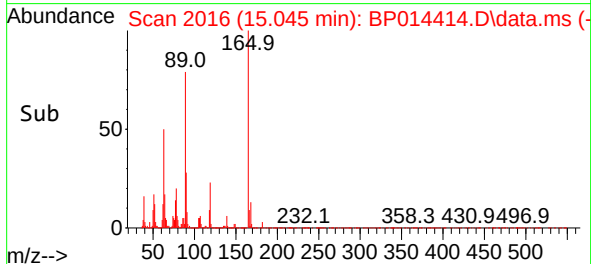
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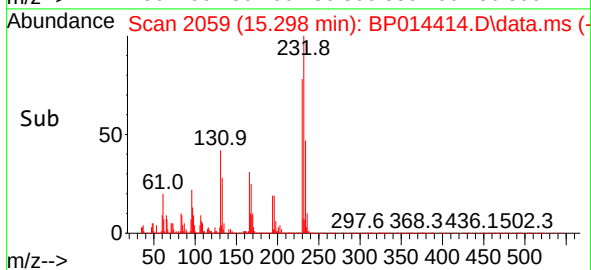
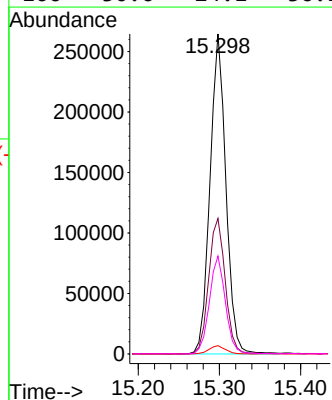
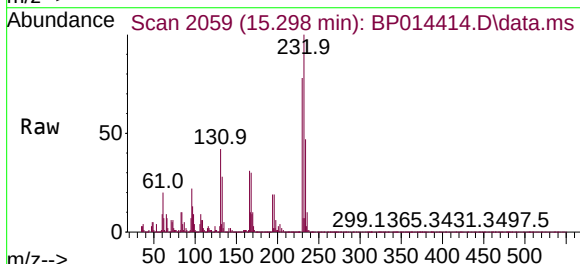
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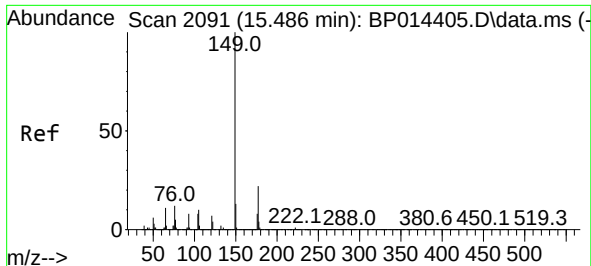
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#58
2,3,4,6-Tetrachlorophenol
Concen: 37.931 ng/ul
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

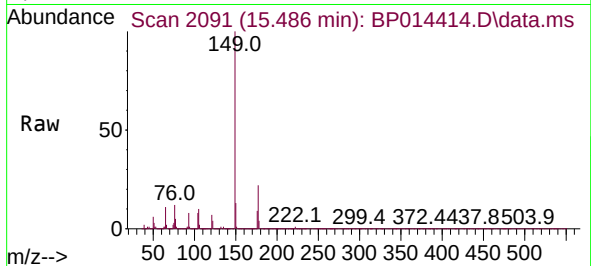
Tgt Ion:232 Resp: 360688
Ion Ratio Lower Upper
232 100
131 42.3 35.0 52.4
130 2.6 1.9 2.9
166 30.6 24.1 36.1





#59
Diethylphthalate
Concen: 40.367 ng/ul
RT: 15.486 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

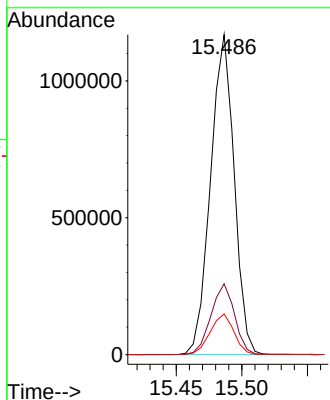
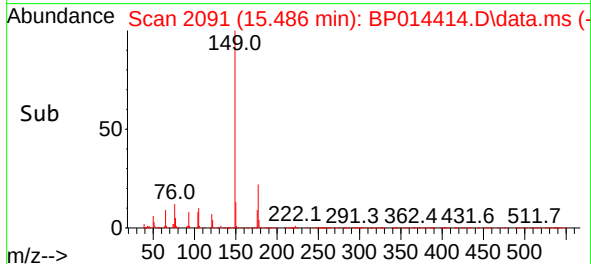
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:149 Resp: 1464834
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.7 9.8 14.8

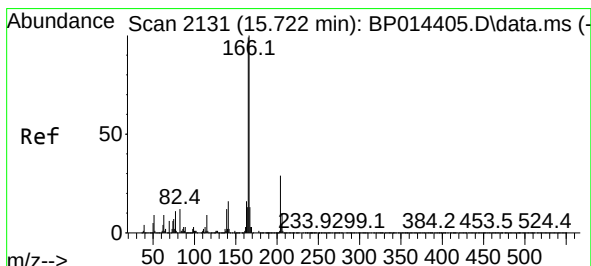
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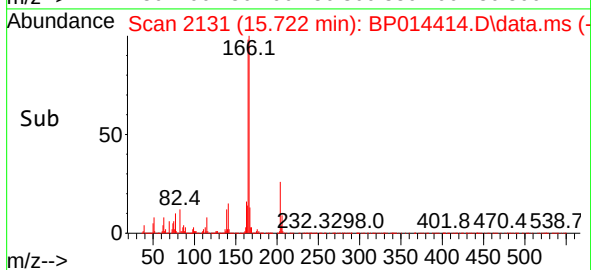
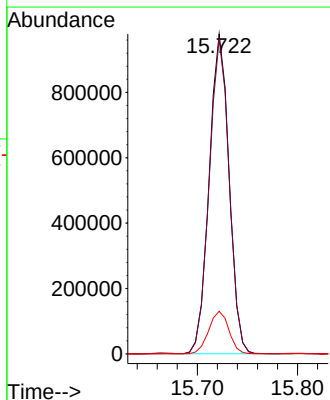
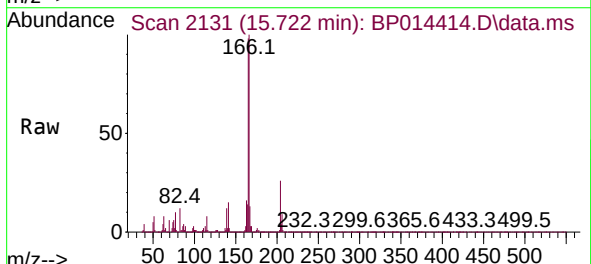
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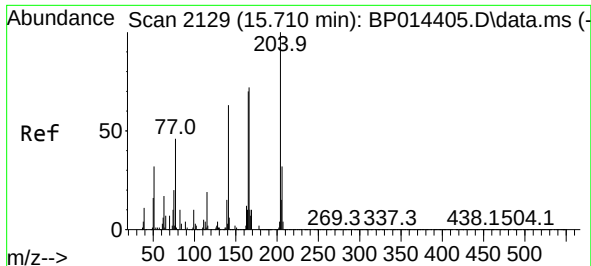
03/31/2023



#61
Fluorene
Concen: 38.870 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

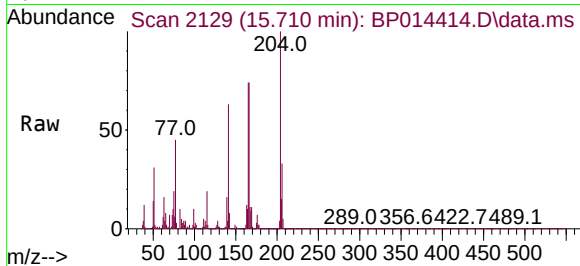
Tgt Ion:166 Resp: 1350776
Ion Ratio Lower Upper
166 100
165 98.4 79.2 118.8
167 13.3 11.0 16.4





#62
4-Chlorophenyl-phenylether
Concen: 38.977 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

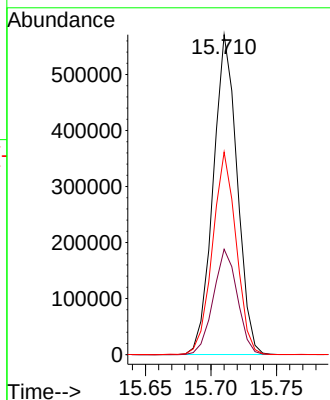
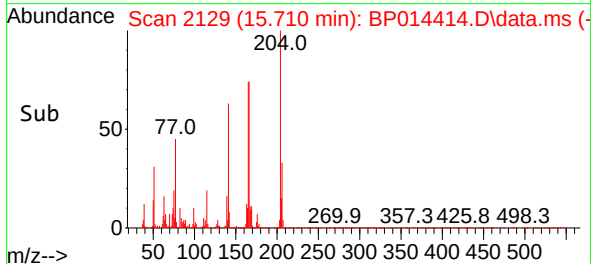
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:204 Resp: 727709
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 63.3 51.3 76.9

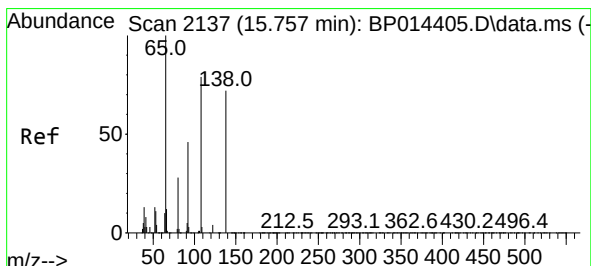
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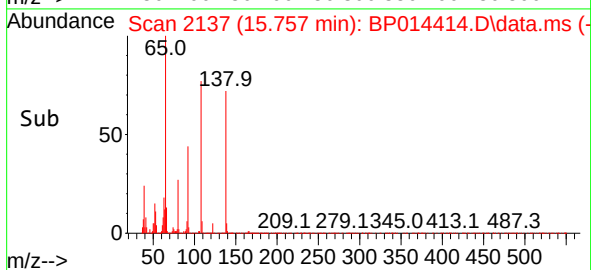
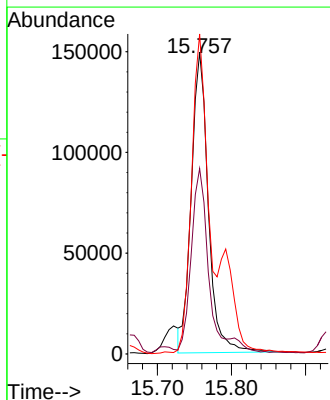
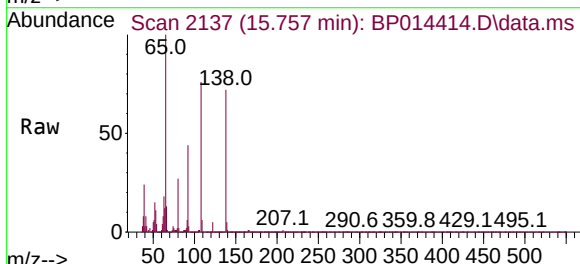
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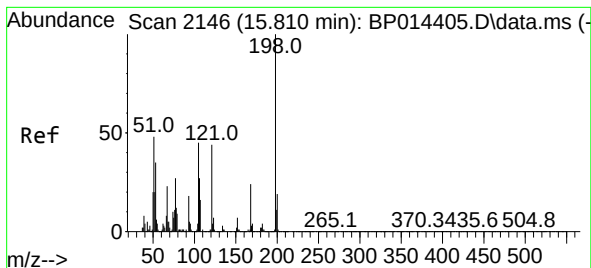
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#63
4-Nitroaniline
Concen: 45.941 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

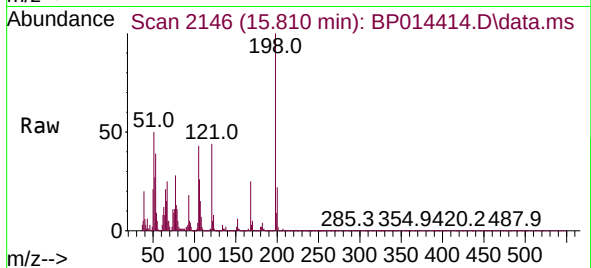
Tgt Ion:138 Resp: 238584
Ion Ratio Lower Upper
138 100
92 61.5 47.8 71.6
108 106.1 82.3 123.5





#66
4,6-Dinitro-2-methylphenol
Concen: 38.873 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

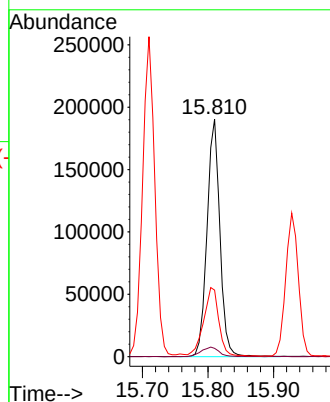
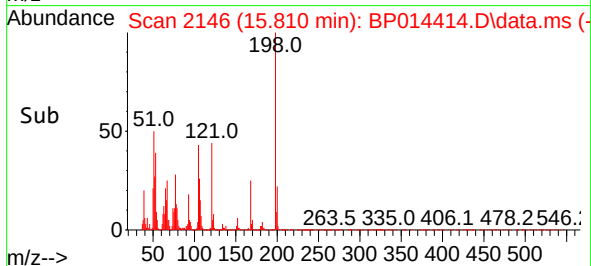
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:198 Resp: 258442
Ion Ratio Lower Upper
198 100
182 3.5 3.5 5.3
77 28.0 24.4 36.6

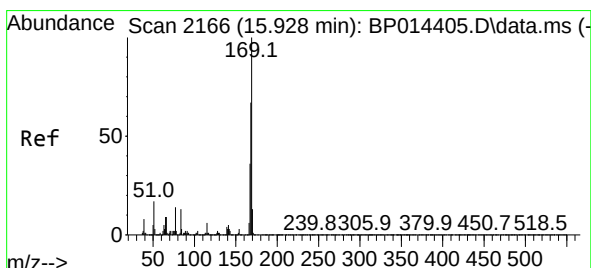
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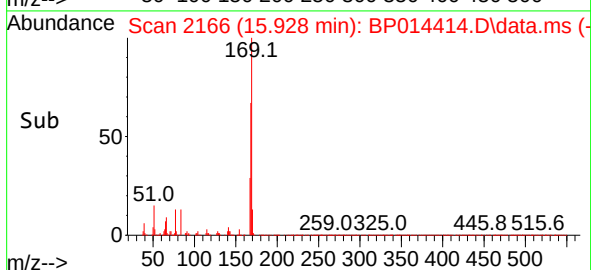
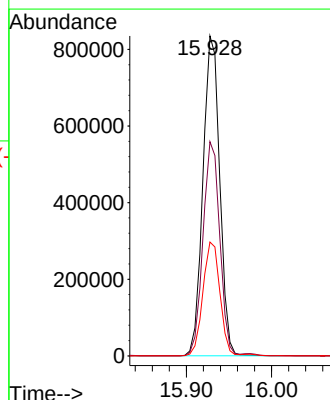
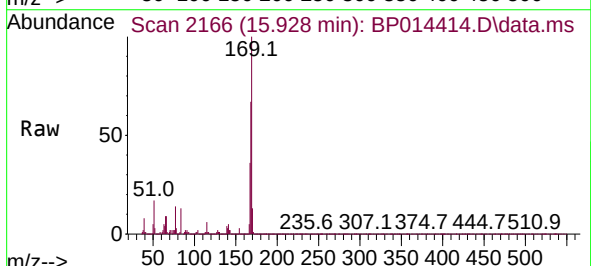
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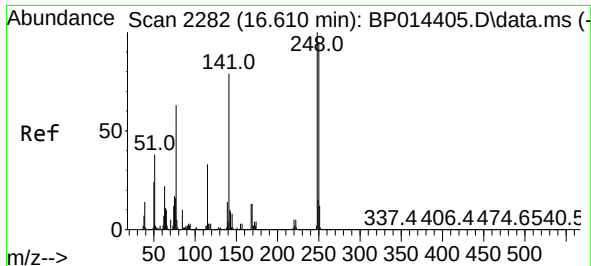
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#67
N-Nitrosodiphenylamine
Concen: 39.318 ng/ul
RT: 15.928 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

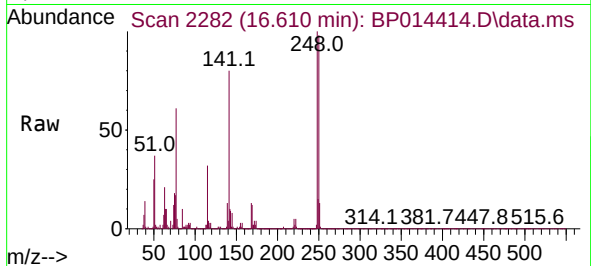
Tgt Ion:169 Resp: 1140539
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.2
167 35.6 29.4 44.2





#68
4-Bromophenyl-phenylether
Concen: 39.834 ng/ul
RT: 16.610 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

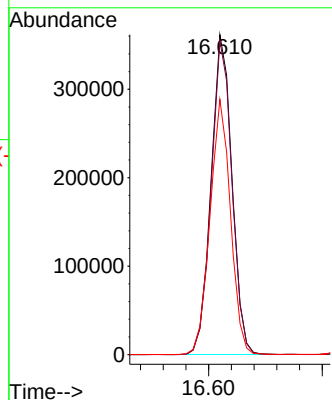
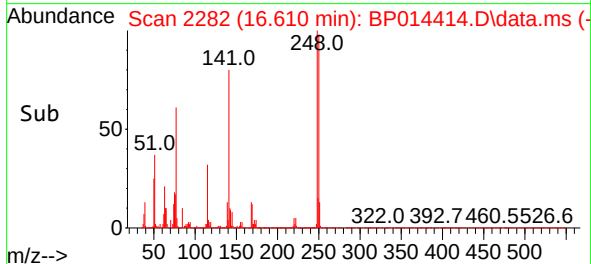
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:248 Resp: 462144
Ion Ratio Lower Upper
248 100
250 98.1 78.1 117.1
141 79.8 66.0 99.0

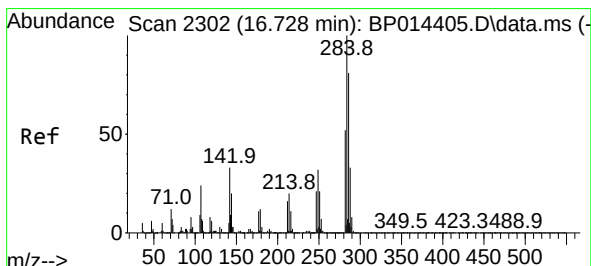
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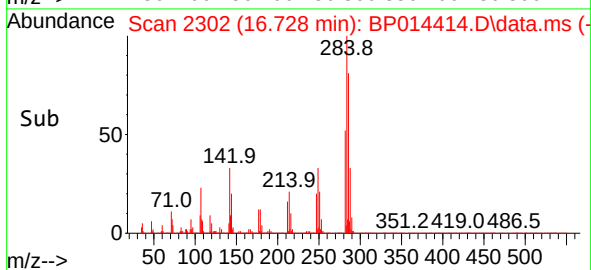
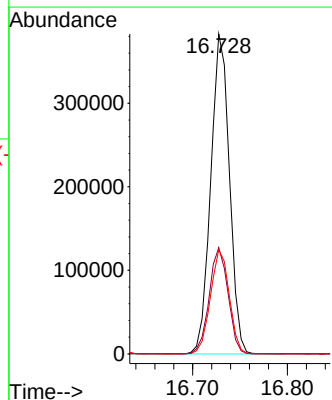
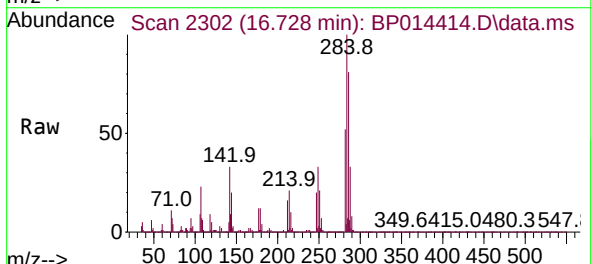
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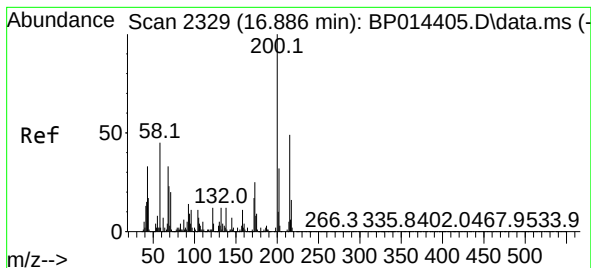
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#69
Hexachlorobenzene
Concen: 39.394 ng/ul
RT: 16.728 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Tgt Ion:284 Resp: 524974
Ion Ratio Lower Upper
284 100
142 33.2 26.6 39.8
249 32.6 25.7 38.5





#70

Atrazine

Concen: 28.674 ng/ul

RT: 16.886 min Scan# 2329

Delta R.T. -0.000 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

Instrument :

BNA_P

ClientSampleId :

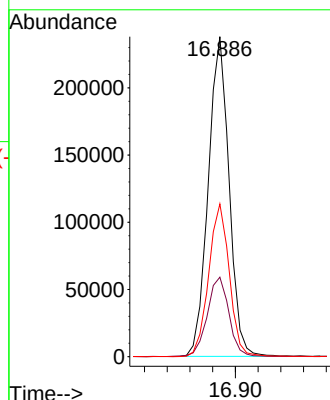
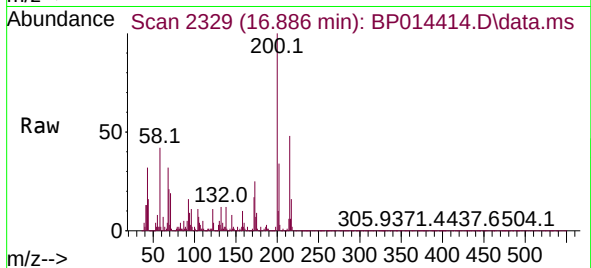
EYF73MS

Tgt Ion:	200	Resp:	302791
Ion Ratio	Lower	Upper	
200	100		
173	24.8	20.6	30.8
215	47.7	37.2	55.8

Manual Integrations

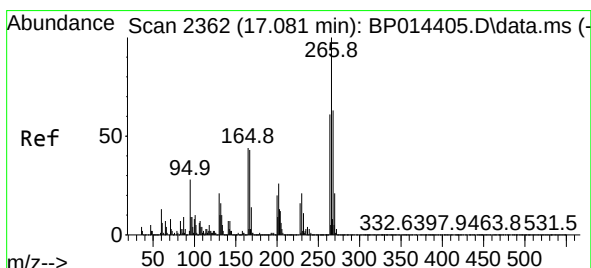
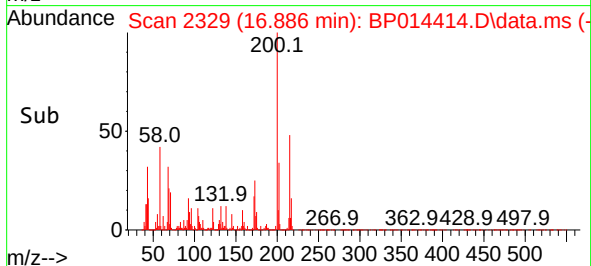
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Upadhyay

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#71

Pentachlorophenol

Concen: 34.215 ng/ul

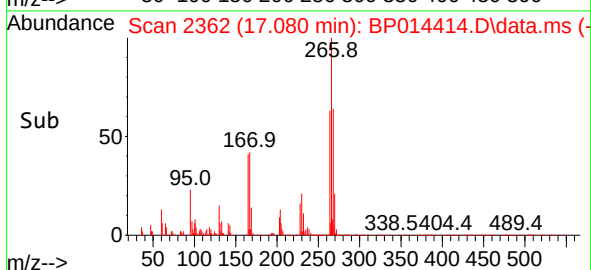
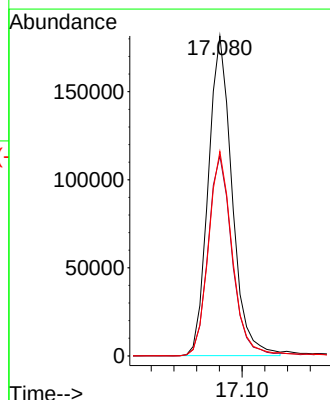
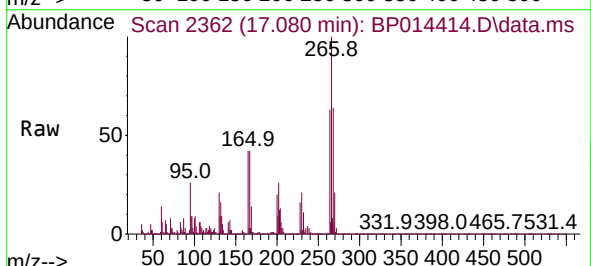
RT: 17.080 min Scan# 2362

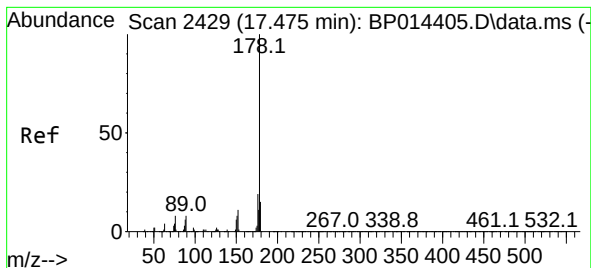
Delta R.T. -0.000 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

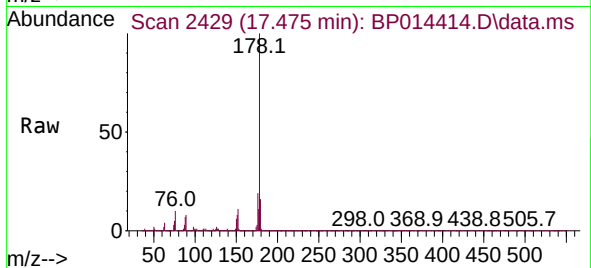
Tgt Ion:	266	Resp:	264149
Ion Ratio	Lower	Upper	
266	100		
264	62.5	51.0	76.4
268	63.9	51.4	77.2





#72
Phenanthrene
Concen: 39.661 ng/ul
RT: 17.475 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

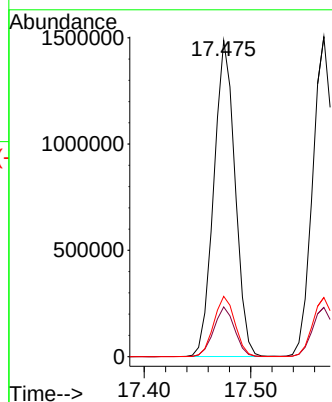
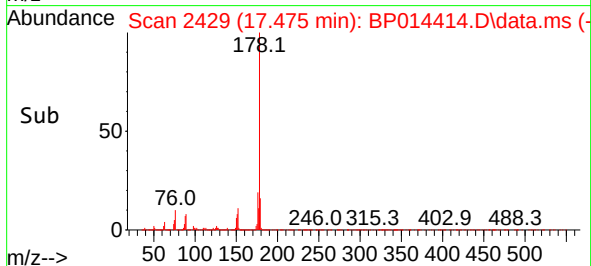
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:178 Resp: 2057195
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.1 15.3 22.9

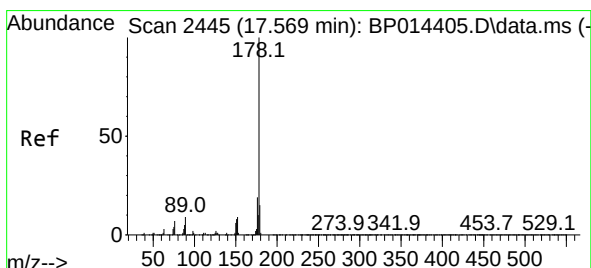
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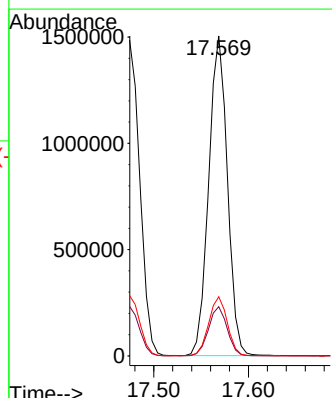
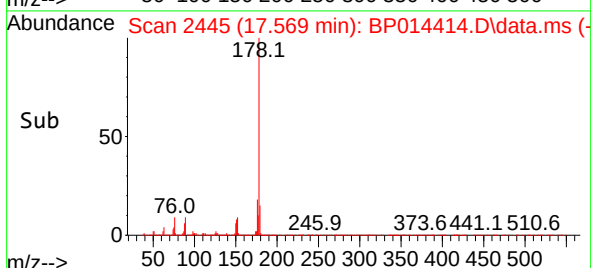
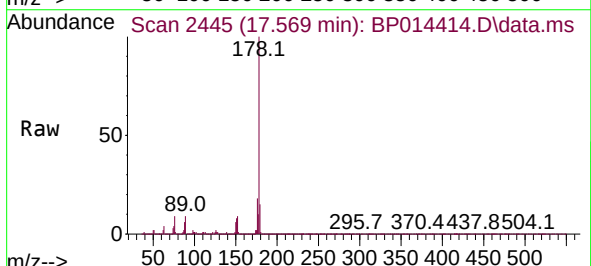
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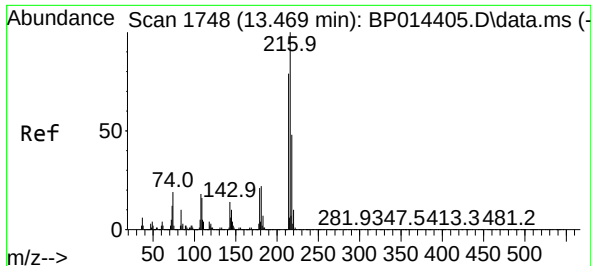
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#74
Anthracene
Concen: 39.491 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

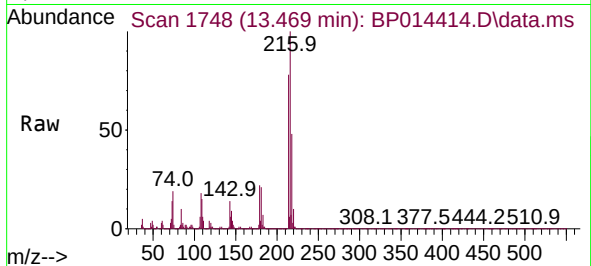
Tgt Ion:178 Resp: 2064502
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.5 14.9 22.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.294 ng/uL
RT: 13.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

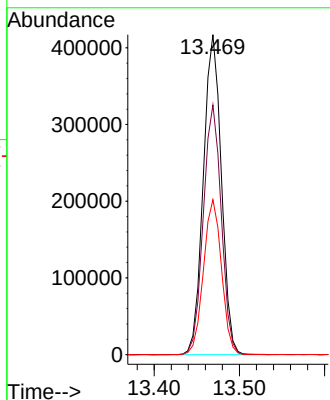
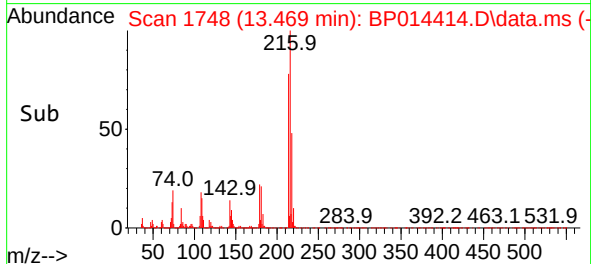
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:216 Resp: 612048
Ion Ratio Lower Upper
216 100
214 78.0 61.0 91.6
218 48.4 38.7 58.1

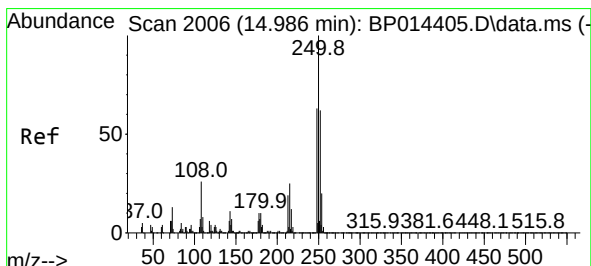
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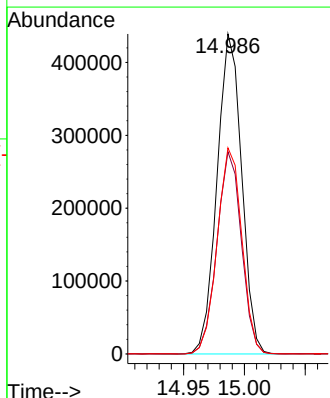
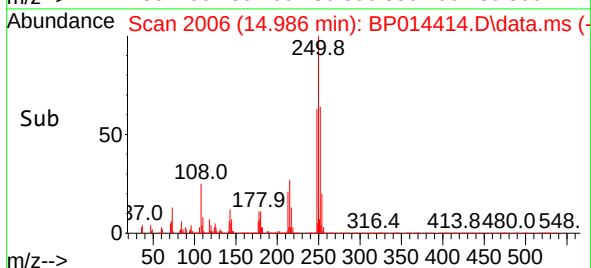
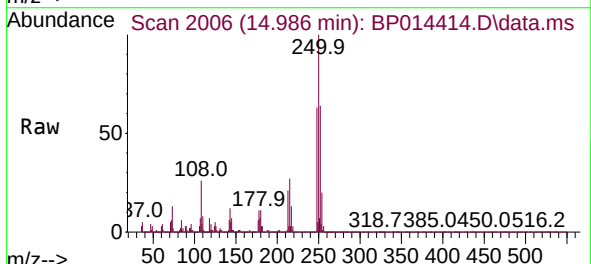
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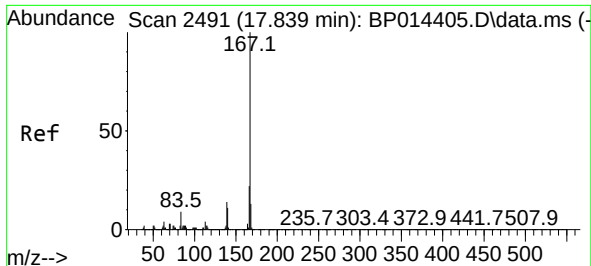
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#76
Pentachlorobenzene
Concen: 37.629 ng/uL
RT: 14.986 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

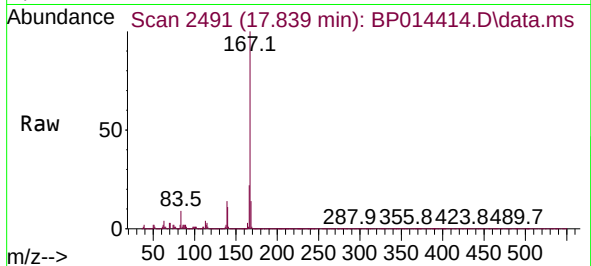
Tgt Ion:250 Resp: 616196
Ion Ratio Lower Upper
250 100
248 63.2 49.0 73.6
252 64.4 50.7 76.1





#77
 Carbazole
 Concen: 39.724 ng/ul
 RT: 17.839 min Scan# 2491
 Delta R.T. -0.006 min
 Lab File: BP014414.D
 Acq: 30 Mar 2023 22:03

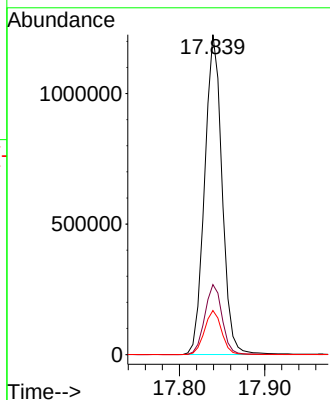
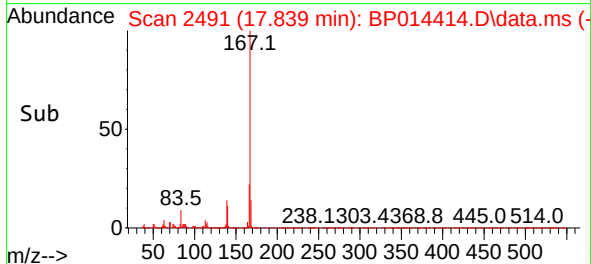
Instrument :
 BNA_P
 ClientSampleId :
 EYF73MS



Tgt Ion:167 Resp: 1737903
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.8 11.3 16.9

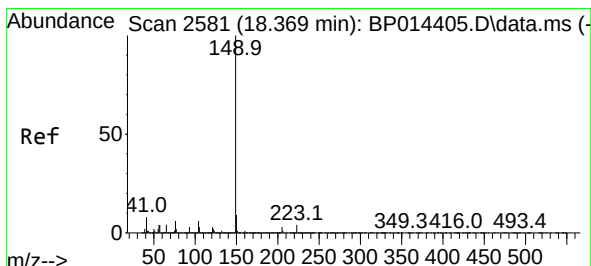
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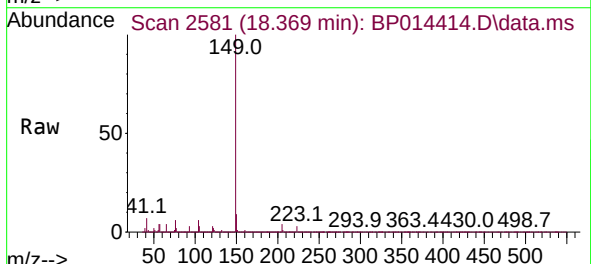


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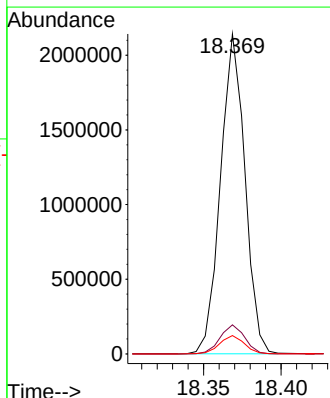
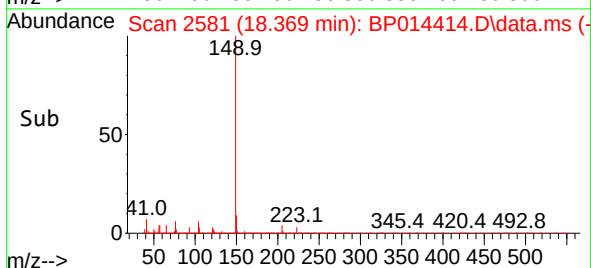
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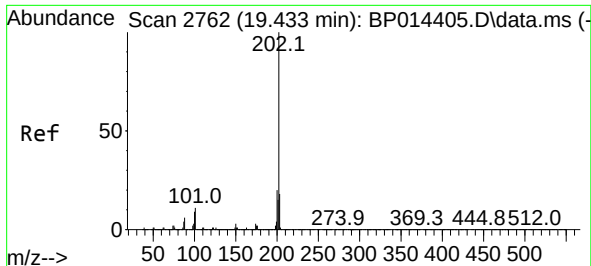


#78
 Di-n-butylphthalate
 Concen: 42.842 ng/ul
 RT: 18.369 min Scan# 2581
 Delta R.T. -0.000 min
 Lab File: BP014414.D
 Acq: 30 Mar 2023 22:03



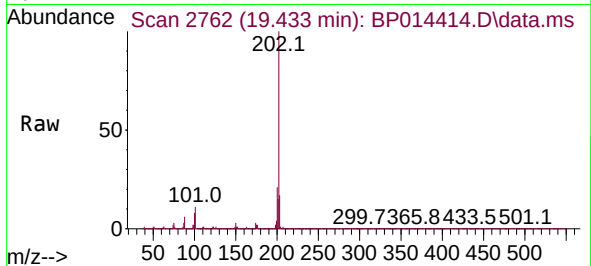
Tgt Ion:149 Resp: 2356717
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.7 4.8 7.2





#80
Fluoranthene
Concen: 42.155 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

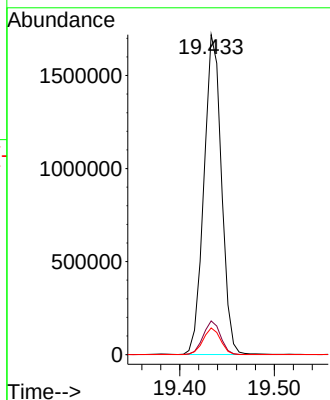
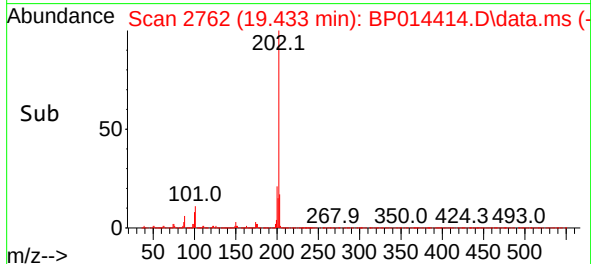
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:202 Resp: 2215464
Ion Ratio Lower Upper
202 100
101 10.5 8.2 12.2
100 8.3 6.4 9.6

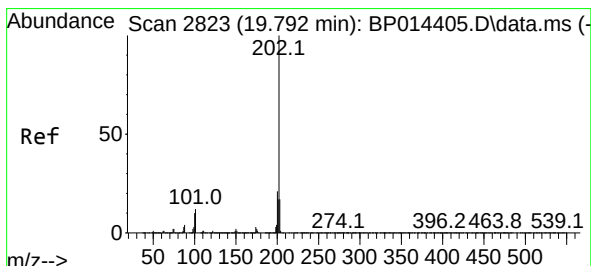
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Supervised By :Jagrut Upadhyay 03/31/2023

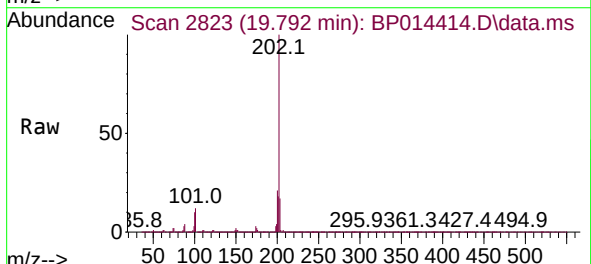


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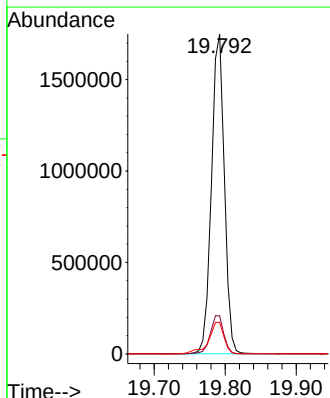
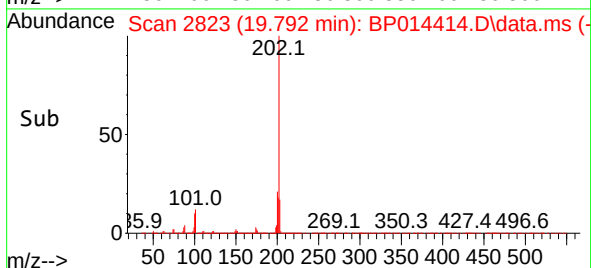
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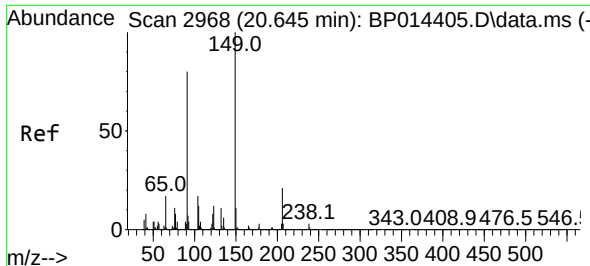


#82
Pyrene
Concen: 40.297 ng/ul
RT: 19.792 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03



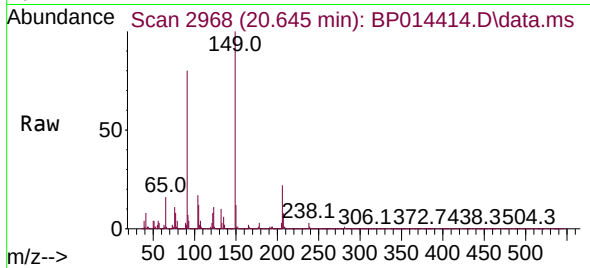
Tgt Ion:202 Resp: 2211038
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.9 8.0 12.0





#83
Butylbenzylphthalate
Concen: 45.525 ng/ul
RT: 20.645 min Scan# 2968
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

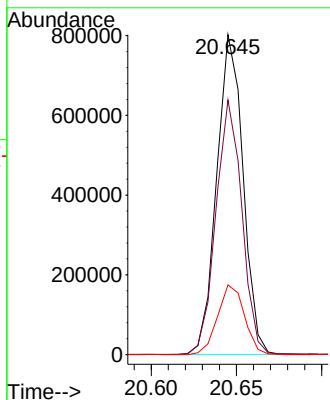
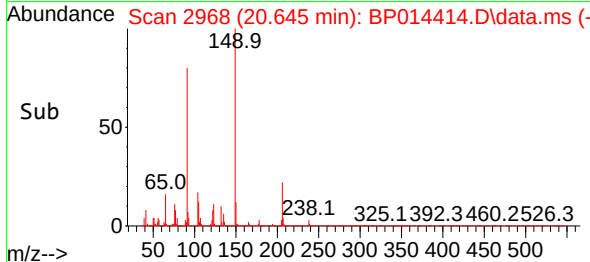
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:149 Resp: 860419
Ion Ratio Lower Upper
149 100
91 79.5 61.8 92.8
206 21.8 17.8 26.6

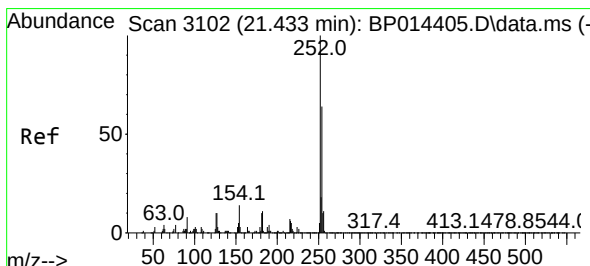
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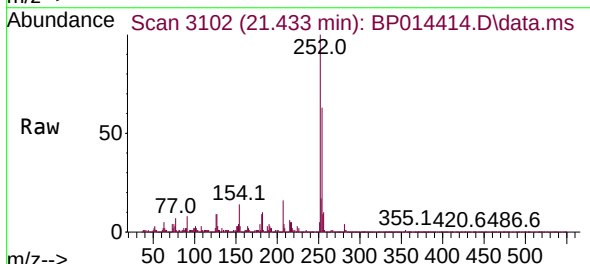


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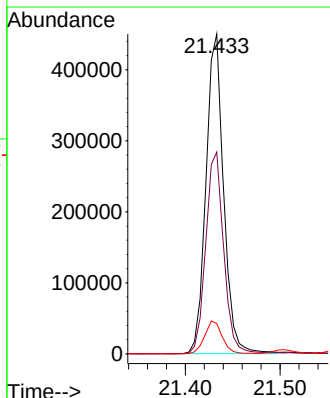
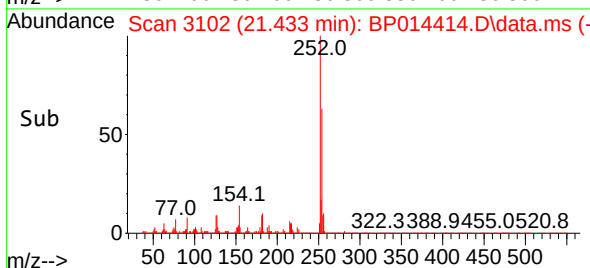
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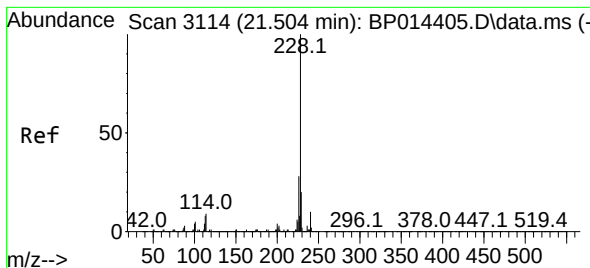


#84
3,3'-Dichlorobenzidine
Concen: 39.880 ng/ul
RT: 21.433 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03



Tgt Ion:252 Resp: 583657
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.0
126 9.5 7.8 11.6





#85

Benzo(a)anthracene

Concen: 40.204 ng/ul

RT: 21.504 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

Instrument :

BNA_P

ClientSampleId :

EYF73MS

Tgt Ion:228 Resp: 1885292

Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

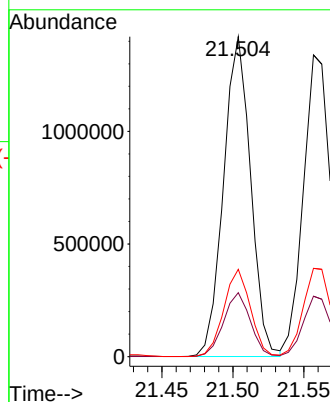
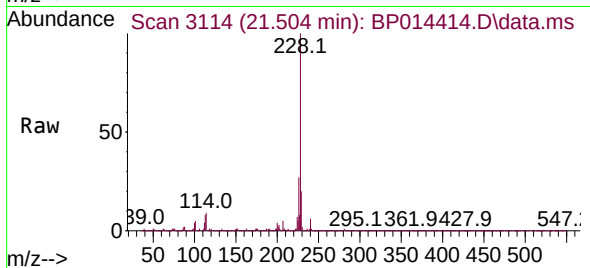
226 27.3 21.8 32.6

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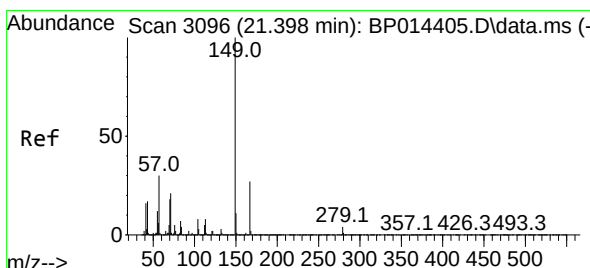
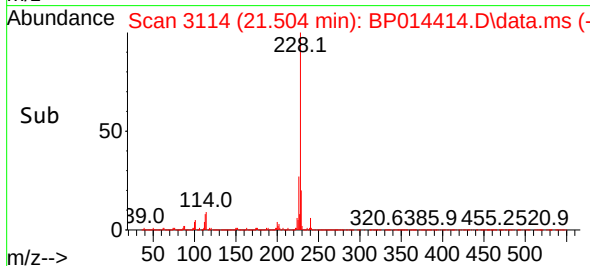
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#86

Bis(2-ethylhexyl)phthalate

Concen: 46.986 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

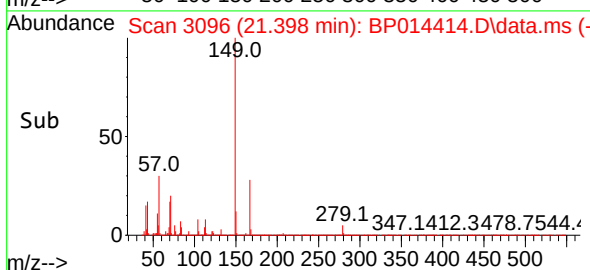
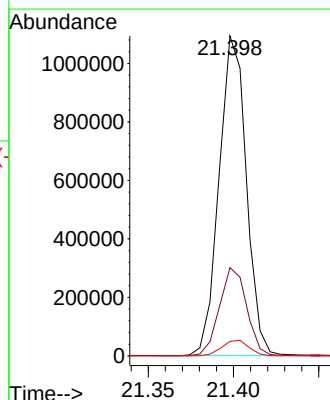
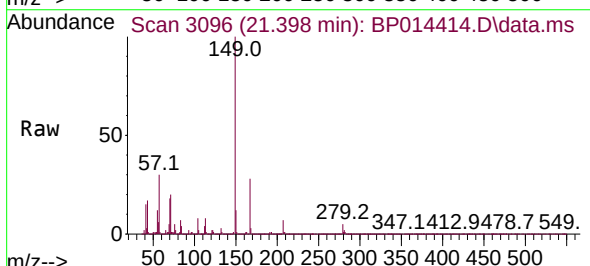
Tgt Ion:149 Resp: 1214358

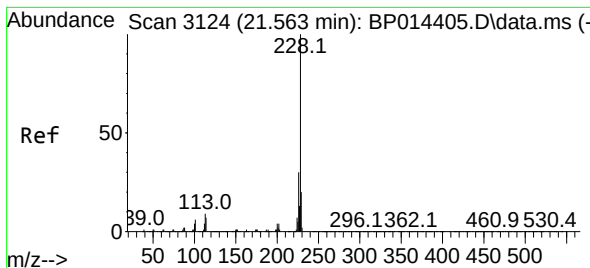
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 4.5 3.7 5.5





#87

Chrysene

Concen: 40.261 ng/ul

RT: 21.557 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

Instrument :

BNA_P

ClientSampleId :

EYF73MS

Tgt Ion:228 Resp: 1782666

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

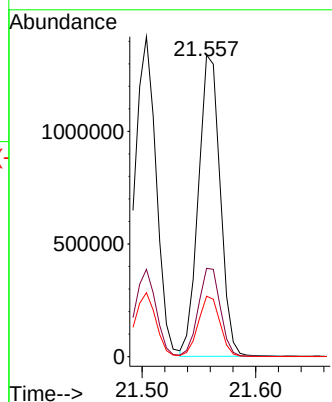
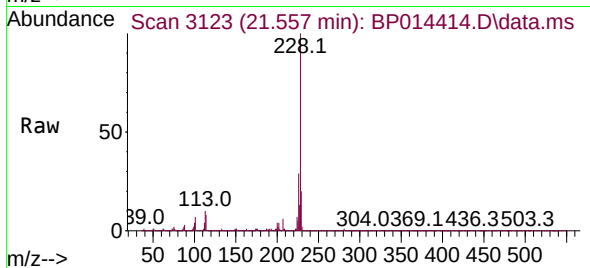
229 20.0 16.1 24.1

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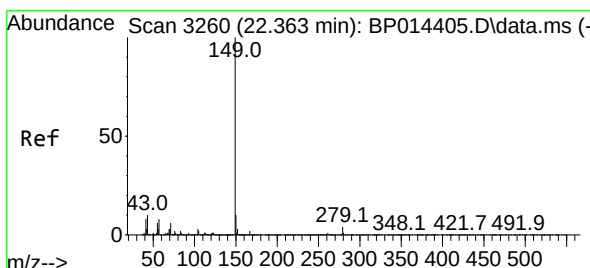
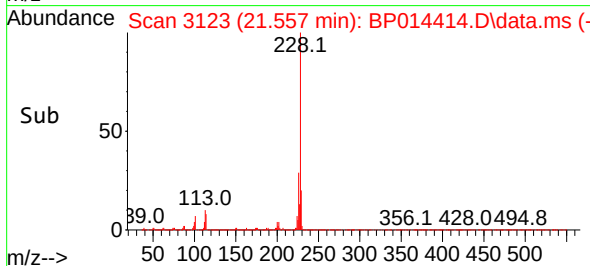
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#89

Di-n-octyl phthalate

Concen: 45.136 ng/ul

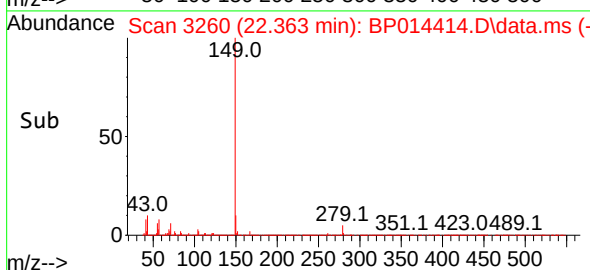
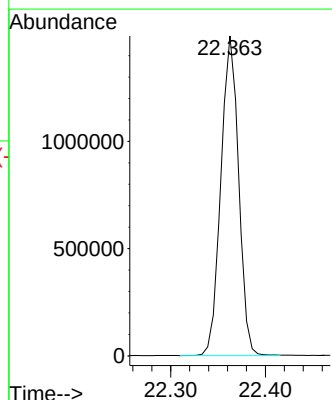
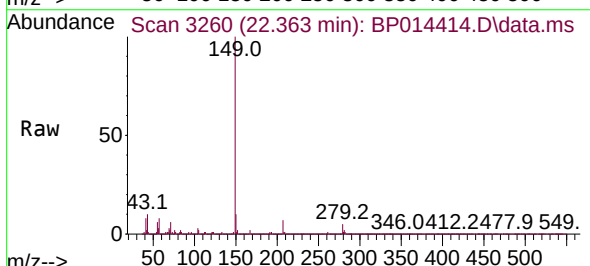
RT: 22.363 min Scan# 3260

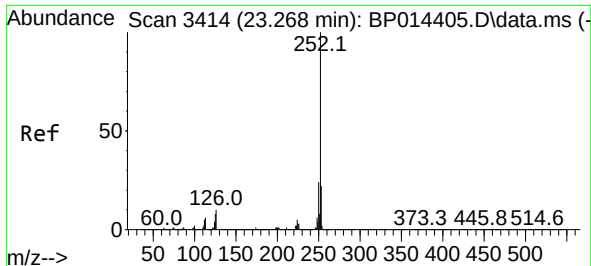
Delta R.T. -0.006 min

Lab File: BP014414.D

Acq: 30 Mar 2023 22:03

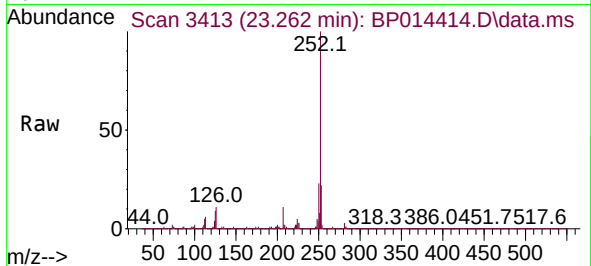
Tgt Ion:149 Resp: 1938464





#90
Benzo(b)fluoranthene
Concen: 41.031 ng/ul
RT: 23.262 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

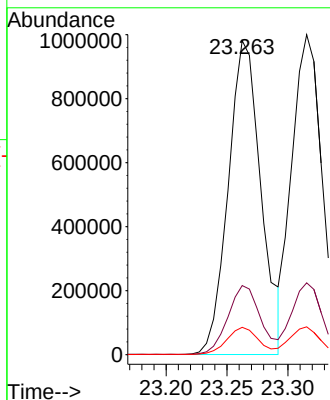
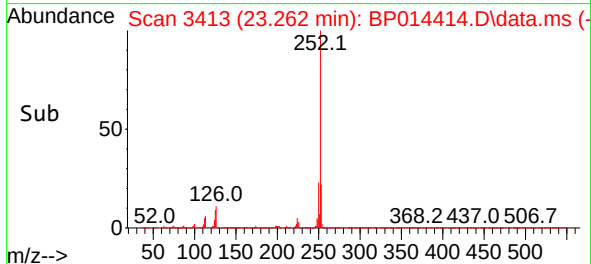
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:252 Resp: 1833938
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.7 6.8 10.2

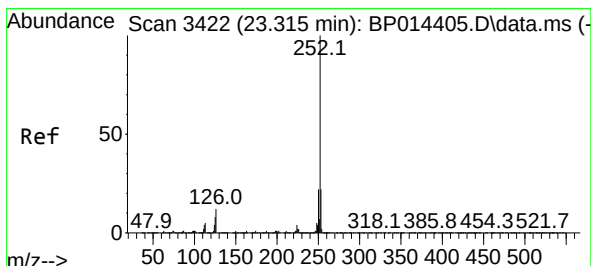
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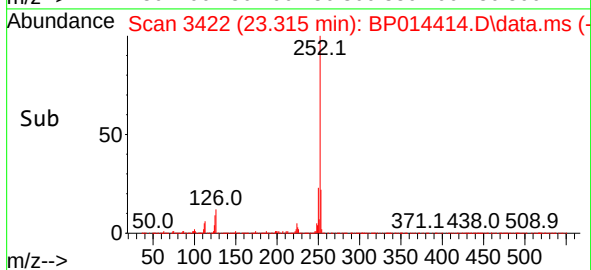
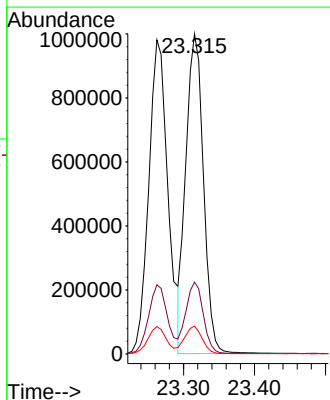
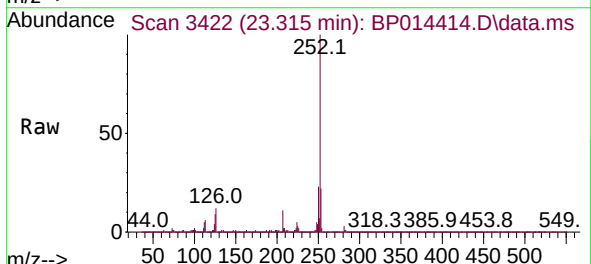
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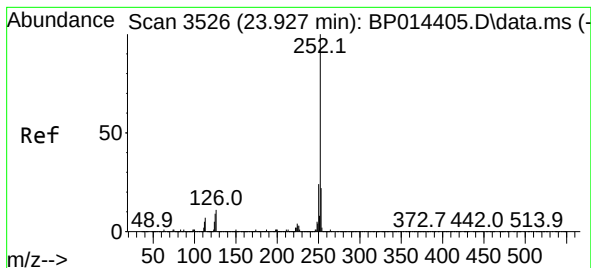
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#91
Benzo(k)fluoranthene
Concen: 39.760 ng/ul
RT: 23.315 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

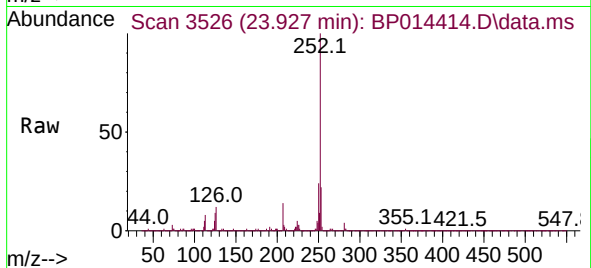
Tgt Ion:252 Resp: 1726009
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 8.7 6.9 10.3





#93
Benzo(a)pyrene
Concen: 40.880 ng/ul
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

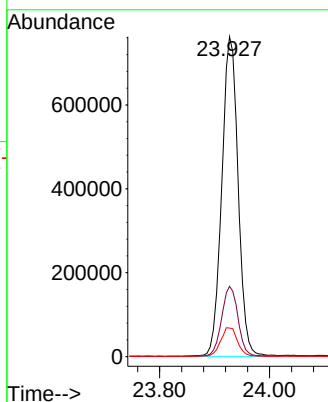
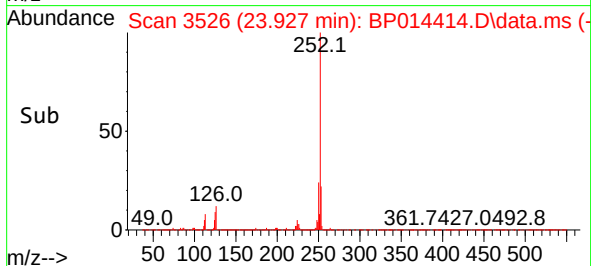
Instrument :
BNA_P
ClientSampleId :
EYF73MS



Tgt Ion:252 Resp: 1572768
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 8.9 6.8 10.2

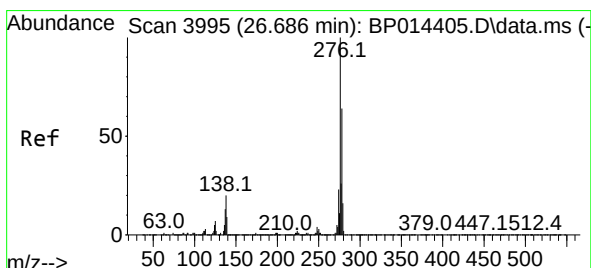
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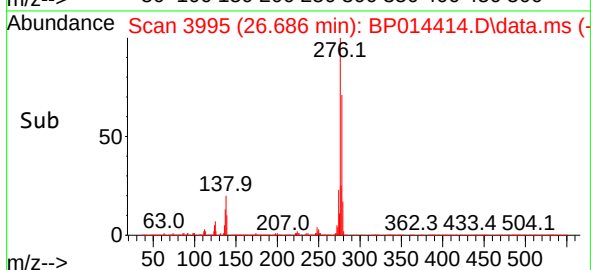
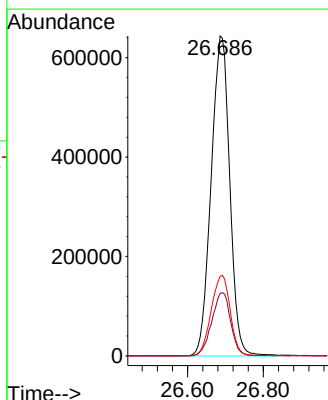
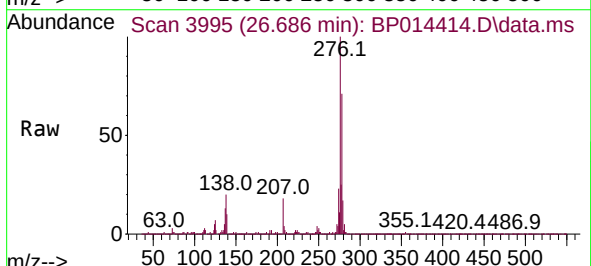
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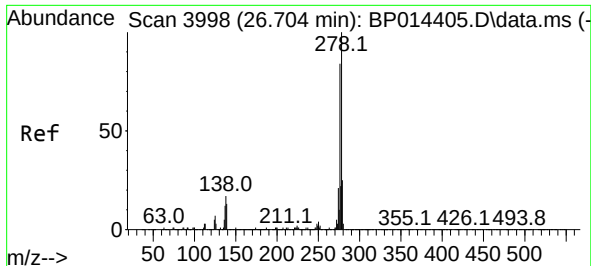
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#94
Indeno(1,2,3-cd)pyrene
Concen: 41.450 ng/ul
RT: 26.686 min Scan# 3995
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Tgt Ion:276 Resp: 2193962
Ion Ratio Lower Upper
276 100
138 19.5 14.9 22.3
277 24.8 20.3 30.5





#95
Dibenzo(a,h)anthracene
Concen: 41.459 ng/ul
RT: 26.703 min Scan# 3998
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Instrument :

BNA_P

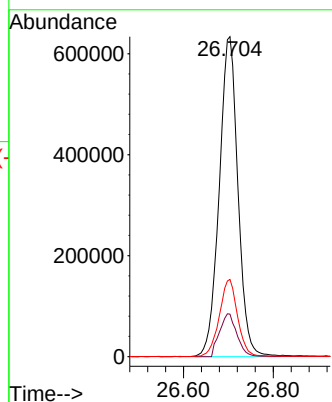
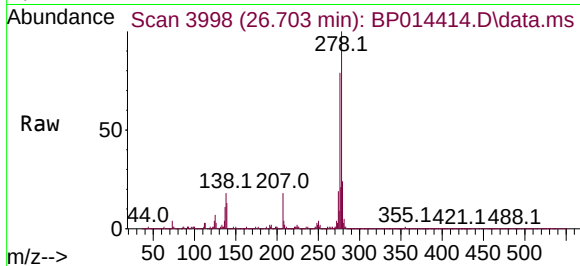
ClientSampleId :

EYF73MS

Tgt Ion:278 Resp: 1837294
Ion Ratio Lower Upper
278 100
139 13.3 10.4 15.6
279 24.1 18.9 28.3

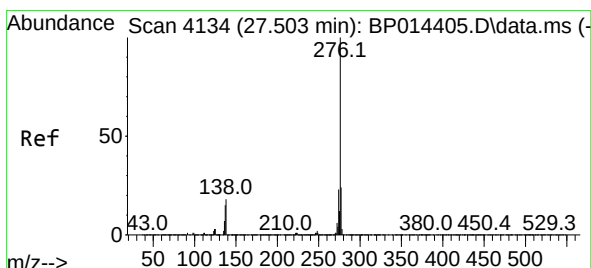
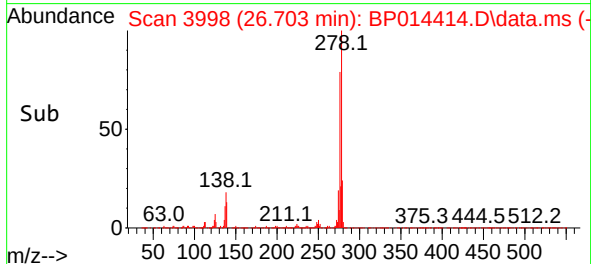
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Upadhyay

03/31/2023



#96
Benzo(g,h,i)perylene
Concen: 41.156 ng/ul
RT: 27.503 min Scan# 4134
Delta R.T. -0.006 min
Lab File: BP014414.D
Acq: 30 Mar 2023 22:03

Tgt Ion:276 Resp: 1775677
Ion Ratio Lower Upper
276 100
138 17.3 13.0 19.4
277 24.1 18.4 27.6

