

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014962.D
 Acq On : 04 May 2023 20:34
 Operator : CG/JU
 Sample : 02447-18MS 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937MS

Quant Time: May 05 00:43:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

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 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	320706	20.000	ng/u1	0.00
20) Naphthalene-d8	10.998	136	1200881	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	587873	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1031583	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1055103	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1312066	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	2103	0.244	ng/uL	0.00
4) Pyridine-d5	3.922	84	11358m	0.482	ng/u1	0.02
7) Phenol-d5	7.310	99	32101	1.155	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	21742	1.265	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	27747	1.357	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	23370	1.091	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	11657	1.365	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	11102	1.266	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	23775	1.381	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	14636	0.588	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	62045	1.491	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	69594	1.395	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	3628m	0.501	ng/u1	0.00
60) Fluorene-d10	15.798	176	51899	1.450	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	2407	0.414	ng/u1	0.00
73) Anthracene-d10	17.663	188	71636			

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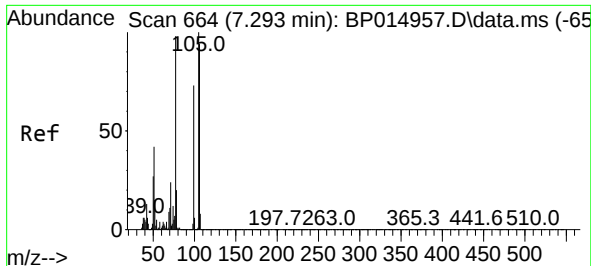
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
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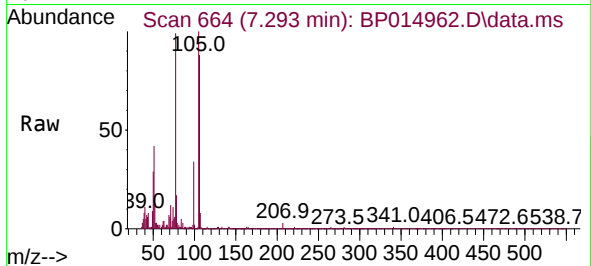
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,5-Trichlorophenol	13.316	196	21507	1.766	ng/ul	84
43) 1,1'-Biphenyl	13.645	154	105787	2.251	ng/ul	98
44) 2-Chloronaphthalene	13.687	162	74172	2.026	ng/ul	99
45) 2-Nitroaniline	13.887	65	14164	1.661	ng/ul	91
47) Dimethylphthalate	14.251	163	87876	2.009	ng/ul	99
48) 2,6-Dinitrotoluene	14.375	165	11901	1.539	ng/ul#	80
50) Acenaphthylene	14.534	152	243230	4.300	ng/ul	99
51) 3-Nitroaniline	14.710	138	8929	1.276	ng/ul#	95
52) Acenaphthene	14.869	153	182993	4.674	ng/ul	99
56) Dibenzofuran	15.204	168	188908	3.576	ng/ul	100
57) 2,4-Dinitrotoluene	15.163	165	14241	1.315	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.428	232	17026	1.718	ng/ul	94
59) Diethylphthalate	15.610	149	78623	1.902	ng/ul	99
61) Fluorene	15.851	166	200004	4.800	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	40553	1.989	ng/ul	94
63) 4-Nitroaniline	15.863	138	10668m	1.827	ng/ul	
67) N-Nitrosodiphenylamine	16.057	169	66502	2.124	ng/ul	96
68) 4-Bromophenyl-phenylether	16.739	248	23029	2.146	ng/ul	94
69) Hexachlorobenzene	16.863	284	27334	2.162	ng/ul	99
70) Atrazine	17.004	200	19677	1.868	ng/ul	92
71) Pentachlorophenol	17.210	266	9715	1.317	ng/ul	96
72) Phenanthrene	17.604	178	2359561	41.403	ng/ul	99
74) Anthracene	17.698	178	718356	12.661	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.610	216	40139	2.351	ng/uL	94
76) Pentachlorobenzene	15.122	250	34866	2.146	ng/uL	100
77) Carbazole	17.957	167	265661	5.567	ng/ul	99



#6
Benzaldehyde
Concen: 4.109 ng/ul m
RT: 7.293 min Scan# 664
Delta R.T. 0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

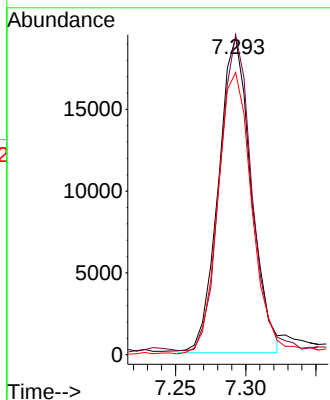
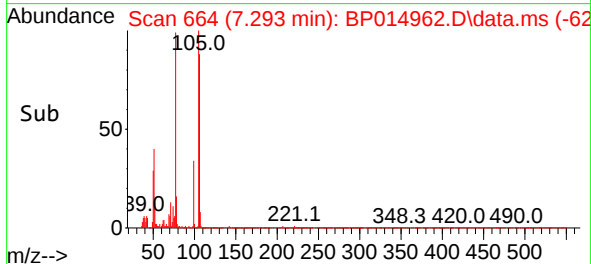
Instrument :
BNA_P
ClientSampleId :
EW937MS



Tgt Ion: 77 Resp: 31235
Ion Ratio Lower Upper
77 100
105 100.9 80.7 121.1
106 89.0 77.6 116.4

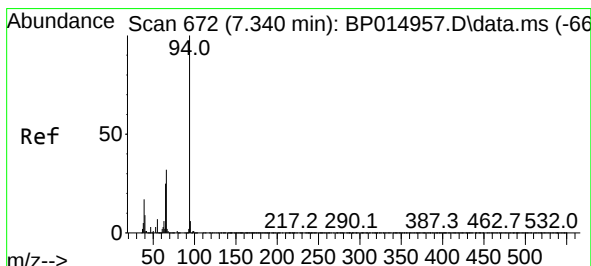
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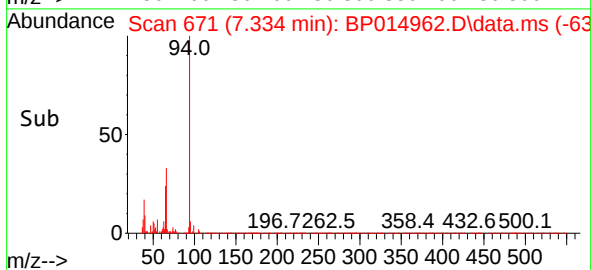
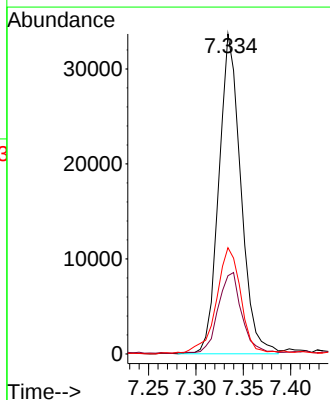
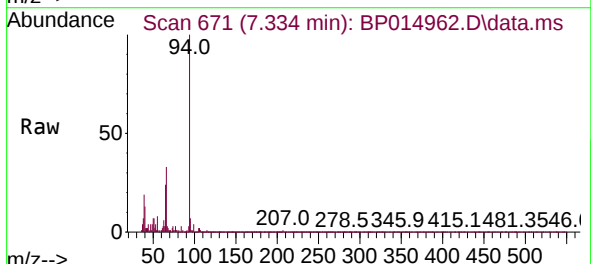
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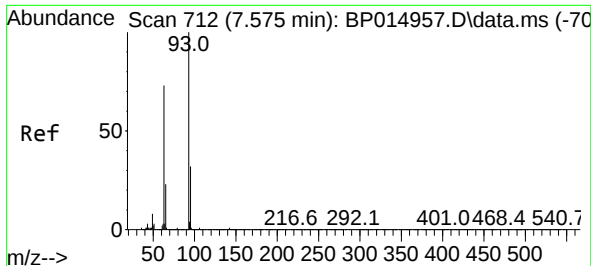
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#8
Phenol
Concen: 1.866 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

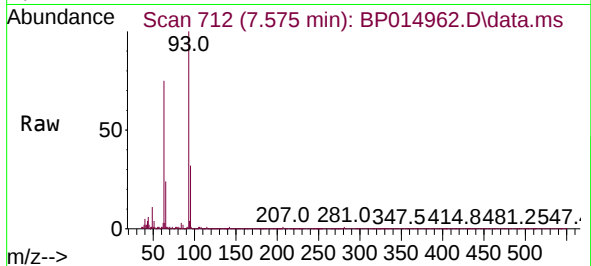
Tgt Ion: 94 Resp: 54472
Ion Ratio Lower Upper
94 100
65 24.5 21.4 32.0
66 33.2 25.8 38.8





#10
Bis(2-Chloroethyl)ether
Concen: 1.804 ng/ul
RT: 7.575 min Scan# 712
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

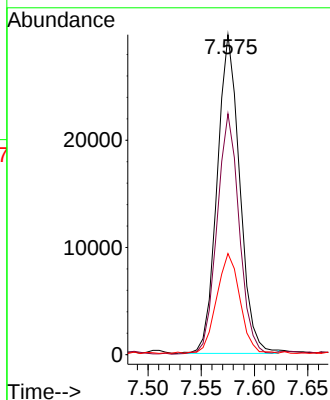
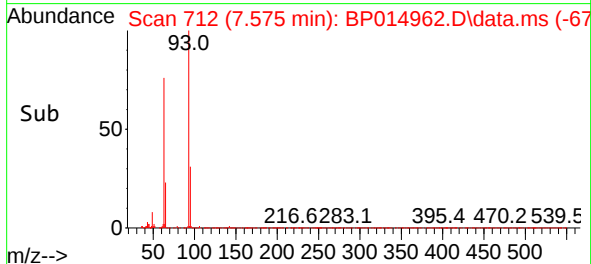
Instrument :
BNA_P
ClientSampleId :
EW937MS



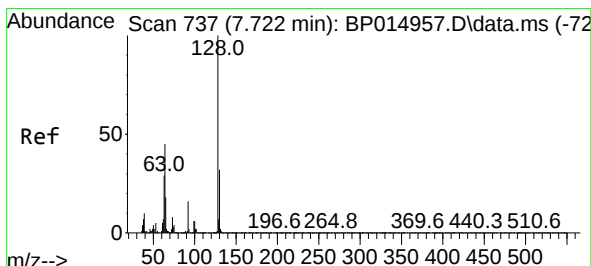
Tgt Ion: 93 Resp: 4377
Ion Ratio Lower Upper
93 100
63 75.3 58.1 87.1
95 31.6 26.0 39.0

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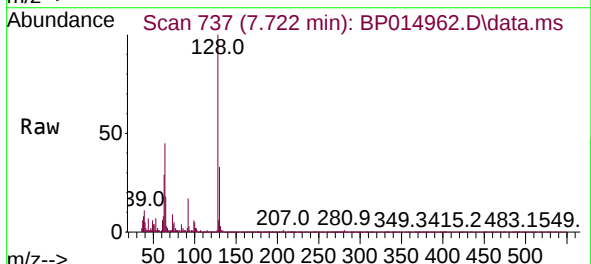
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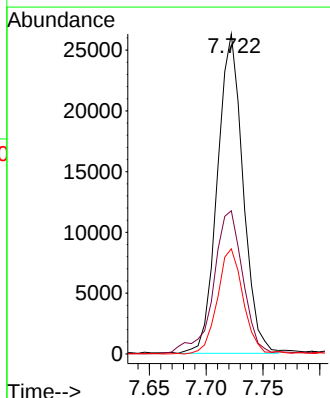
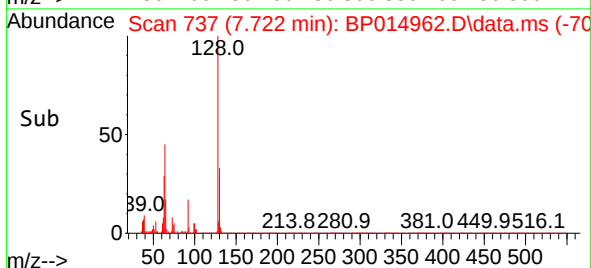
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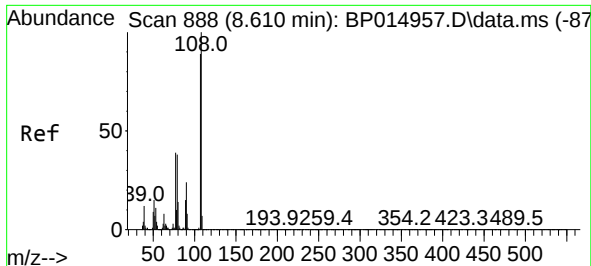


#12
2-Chlorophenol
Concen: 1.866 ng/ul
RT: 7.722 min Scan# 737
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34



Tgt Ion:128 Resp: 41318
Ion Ratio Lower Upper
128 100
64 44.8 36.6 55.0
130 32.8 25.8 38.8





#13

2-Methylphenol

Concen: 1.725 ng/ul

RT: 8.604 min Scan# 888

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

Tgt Ion:108 Resp: 3755

Ion Ratio Lower Upper

108 100

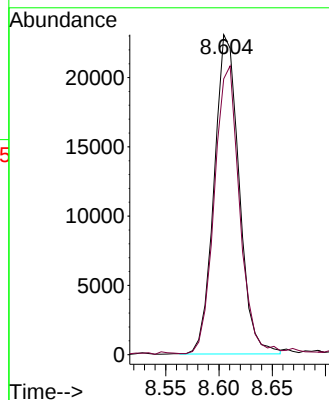
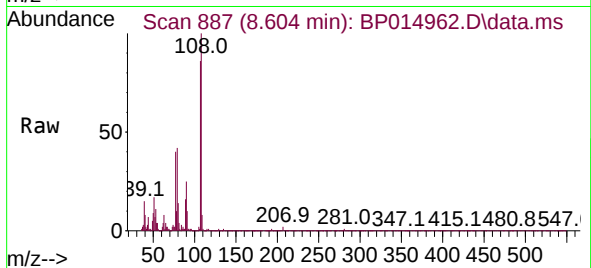
107 86.2 71.7 107.5

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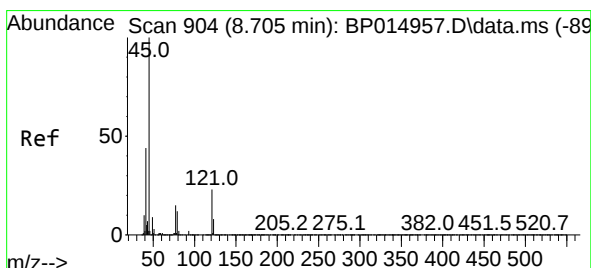
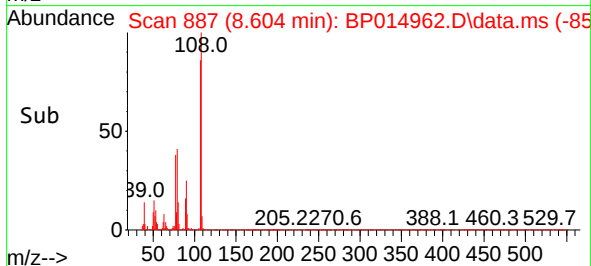
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#14

2,2'-oxybis(1-Chloropropane)

Concen: 1.779 ng/ul

RT: 8.693 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

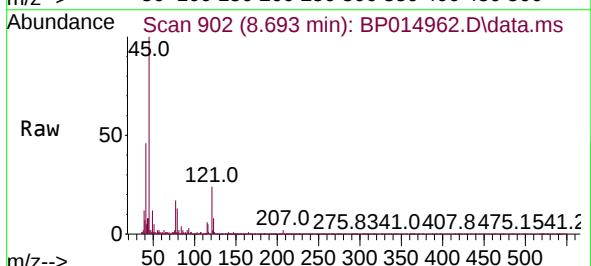
Tgt Ion: 45 Resp: 54736

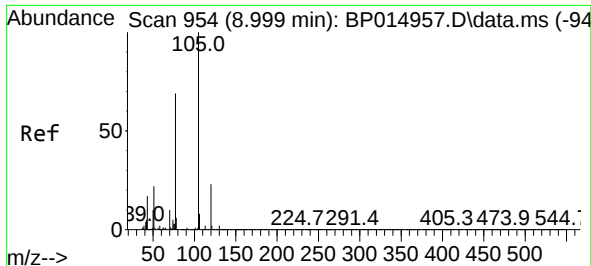
Ion Ratio Lower Upper

45 100

77 17.1 12.3 18.5

79 13.4 9.5 14.3





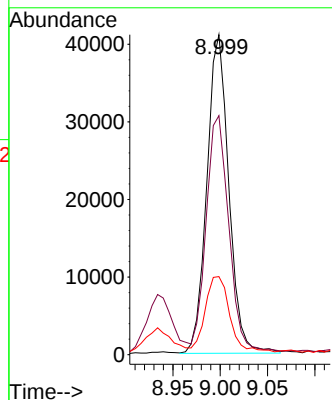
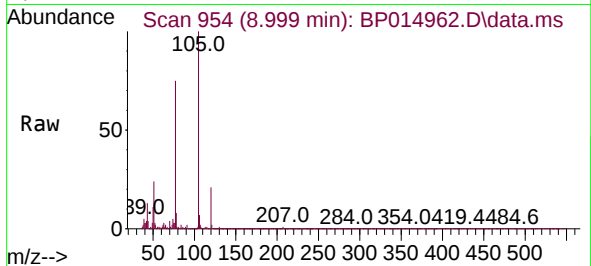
#16
Acetophenone
Concen: 1.890 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion:105 Resp: 6620
Ion Ratio Lower Upper
105 100
77 74.7 61.2 91.8
51 24.4 19.4 29.2

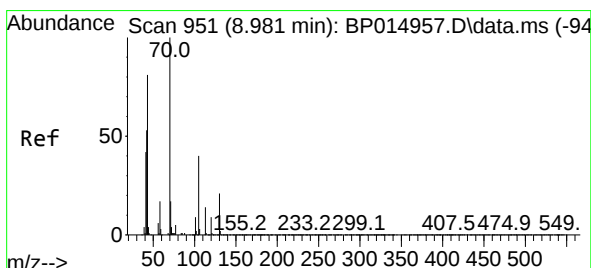
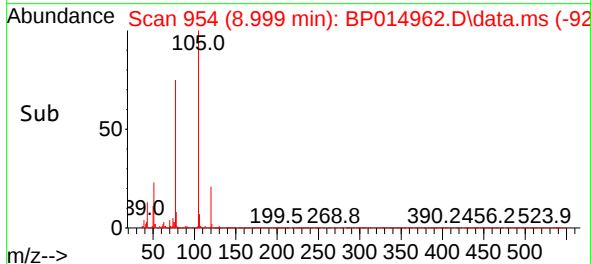
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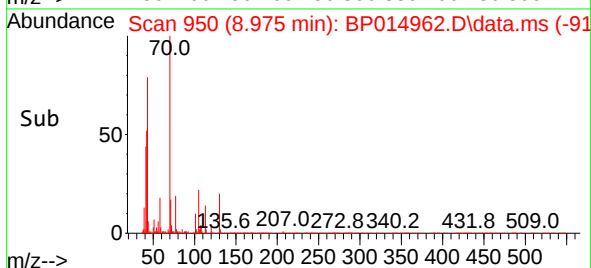
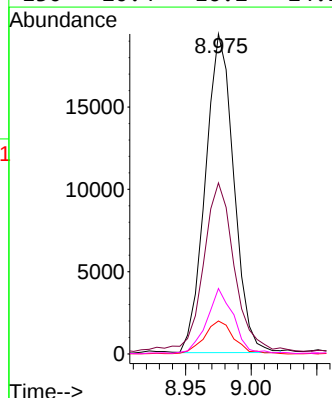
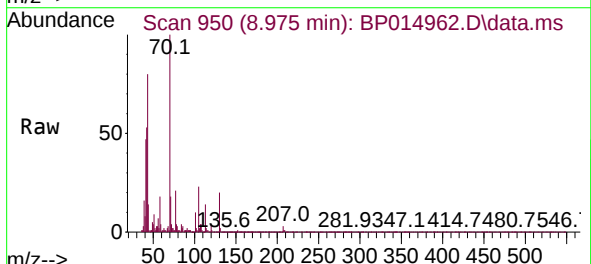
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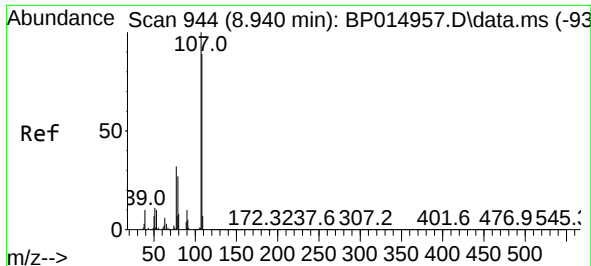
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#17
N-Nitroso-di-n-propylamine
Concen: 1.639 ng/ul
RT: 8.975 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion: 70 Resp: 29269
Ion Ratio Lower Upper
70 100
42 53.4 41.9 62.9
101 10.3 7.7 11.5
130 20.4 16.2 24.2





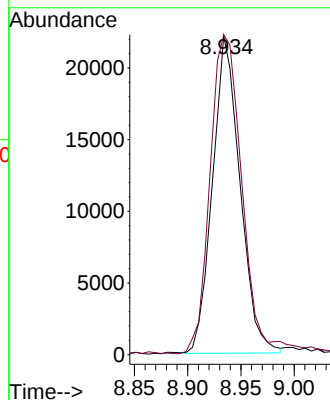
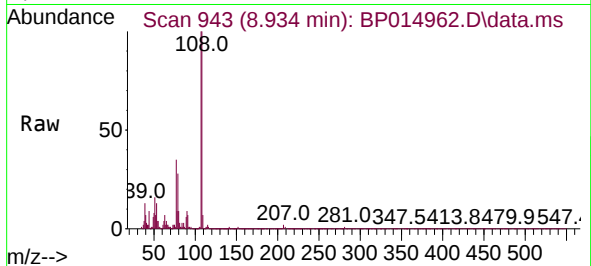
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4-Methylphenol
Concen: 1.653 ng/ul
RT: 8.934 min Scan# 944
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion:108 Resp: 3976
Ion Ratio Lower Upper
108 100
107 100.4 87.2 130.8

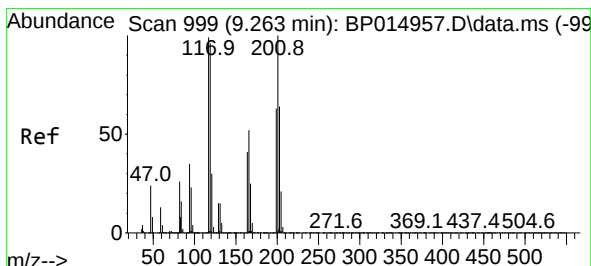
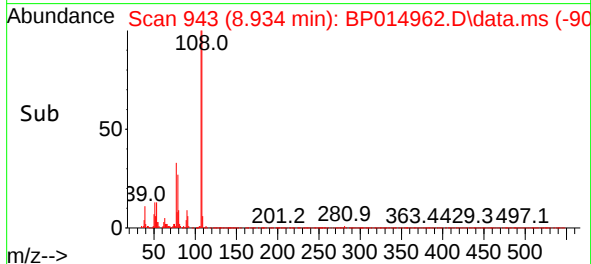
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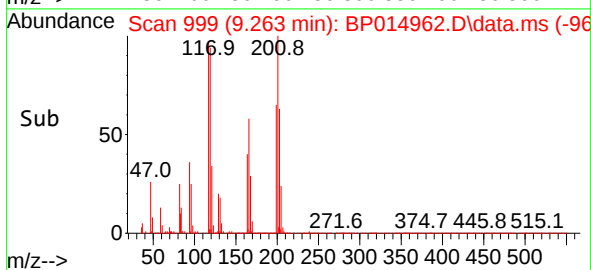
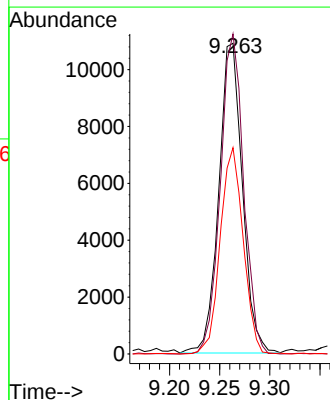
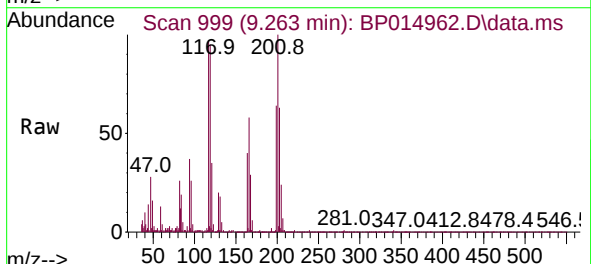
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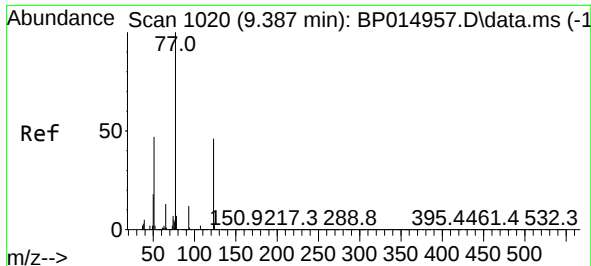
05/05/2023



#19
Hexachloroethane
Concen: 1.858 ng/ul
RT: 9.263 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

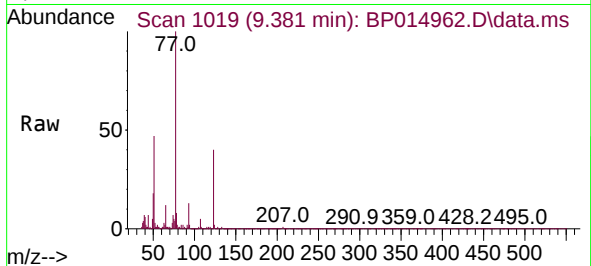
Tgt Ion:117 Resp: 17857
Ion Ratio Lower Upper
117 100
201 103.0 78.9 118.3
199 66.4 48.3 72.5





#22
Nitrobenzene
Concen: 1.852 ng/ul
RT: 9.381 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS



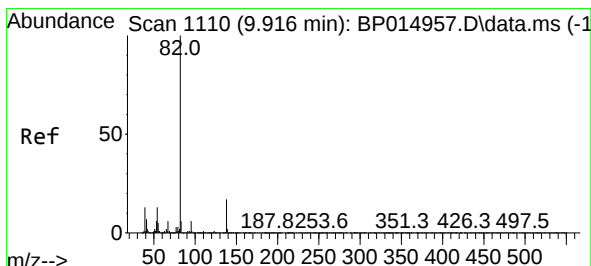
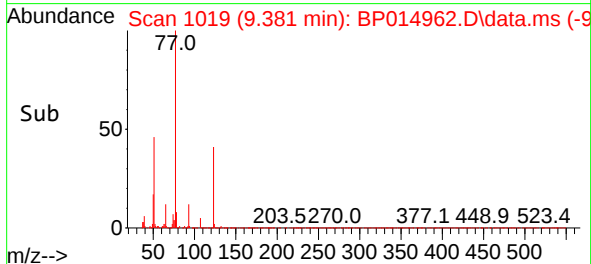
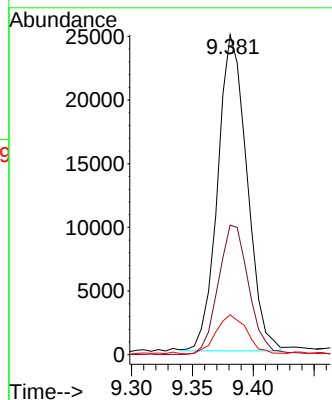
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Ion Ratio Lower Upper
77 100
123 40.5 34.8 52.2
65 12.5 10.2 15.2

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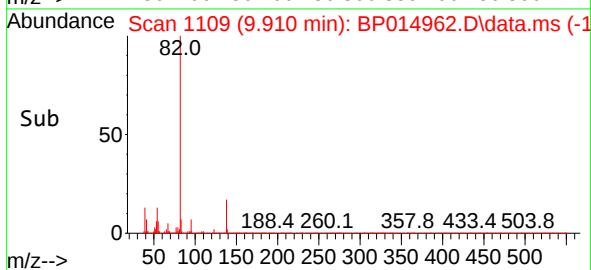
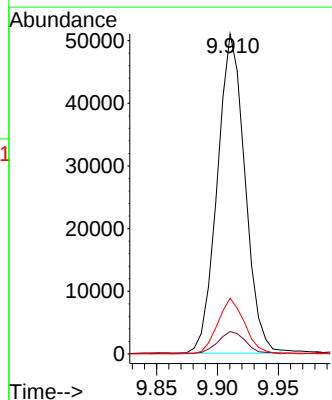
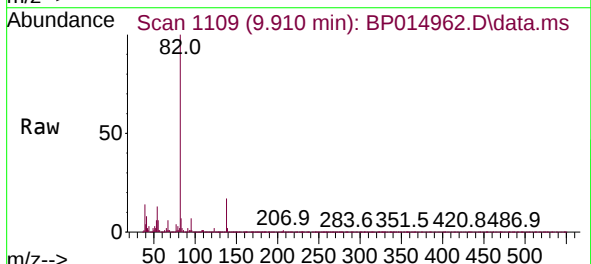
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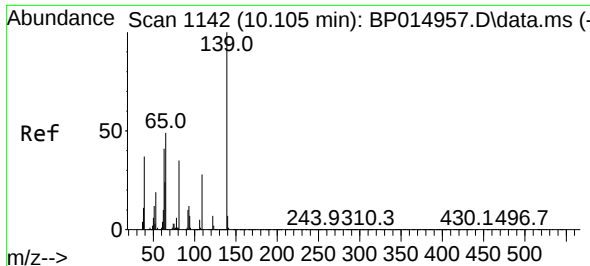
05/05/2023



#23
Isophorone
Concen: 1.816 ng/ul
RT: 9.910 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion: 82 Resp: 80528
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 17.4 13.9 20.9





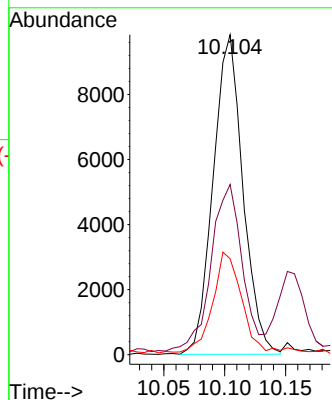
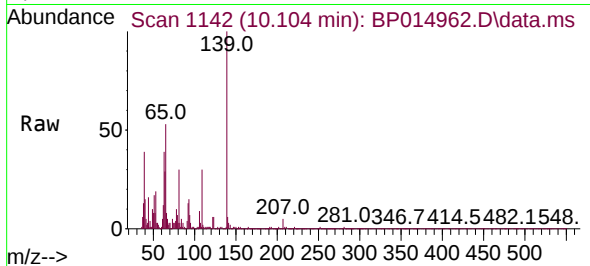
#25
2-Nitrophenol
Concen: 1.654 ng/ul
RT: 10.104 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion:	139	Resp:	16680
Ion Ratio	Lower	Upper	
139	100		
65	53.2	40.5	60.7
109	30.0	22.4	33.6

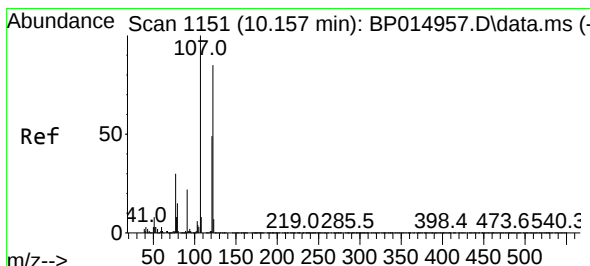
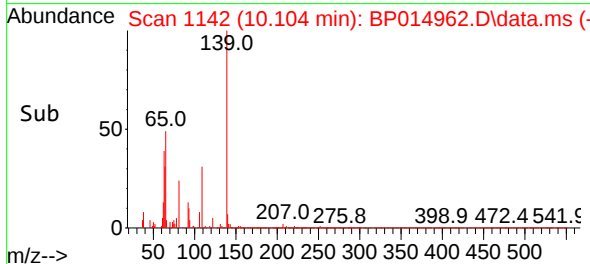
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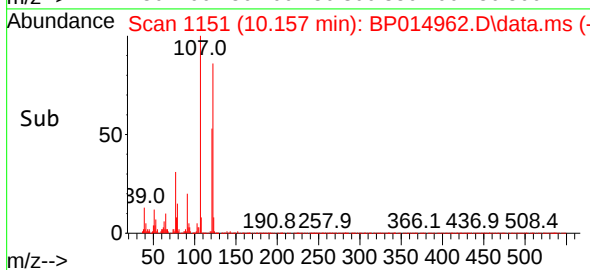
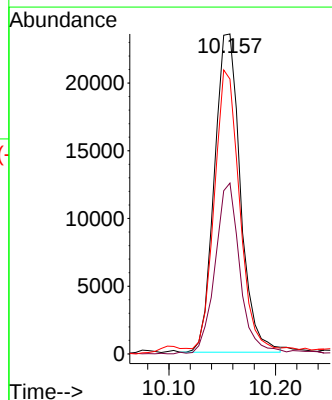
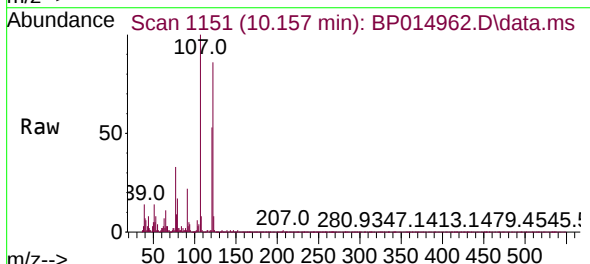
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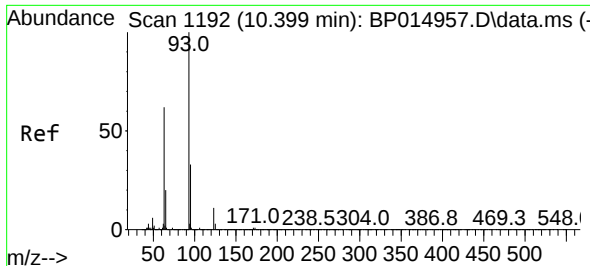
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#26
2,4-Dimethylphenol
Concen: 1.826 ng/ul
RT: 10.157 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:	107	Resp:	39960
Ion Ratio	Lower	Upper	
107	100		
121	53.4	40.2	60.2
122	85.9	69.6	104.4



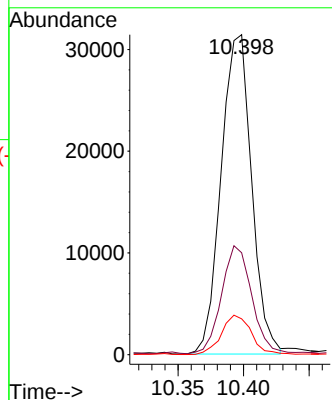
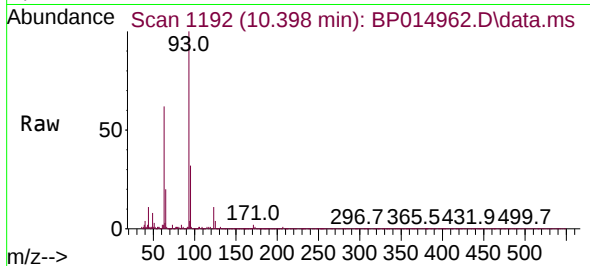


#27
Bis(2-Chloroethoxy)methane
Concen: 1.791 ng/ul
RT: 10.398 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

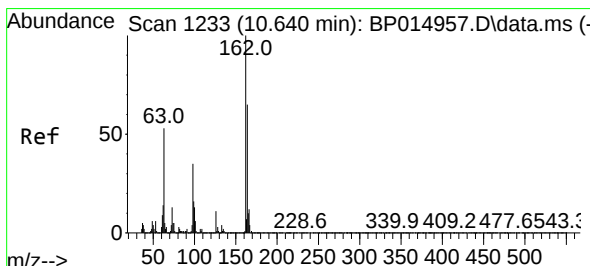
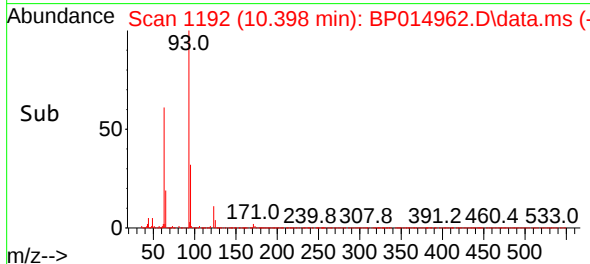
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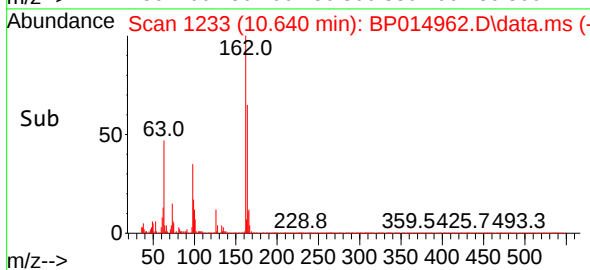
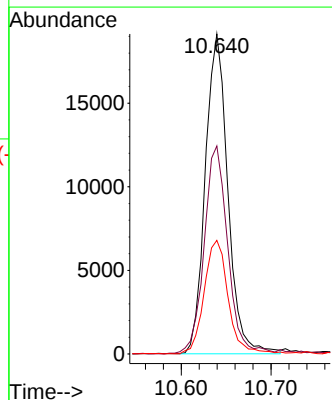
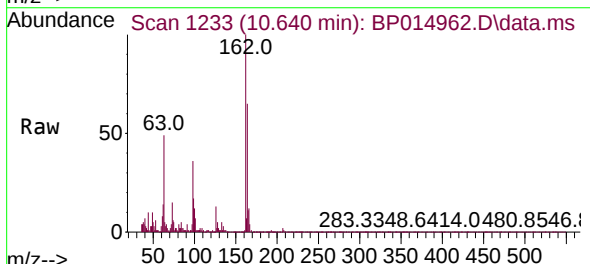


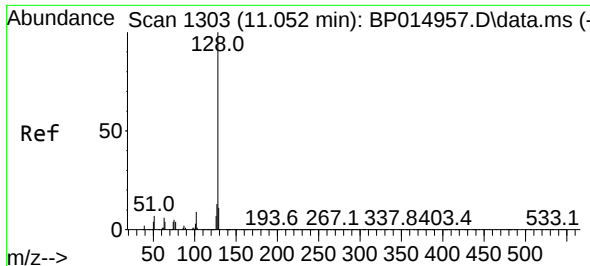
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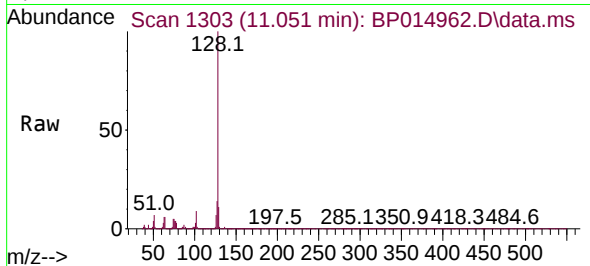
#29
2,4-Dichlorophenol
Concen: 1.879 ng/ul
RT: 10.640 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34





#30
Naphthalene
Concen: 2.908 ng/ul
RT: 11.051 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS



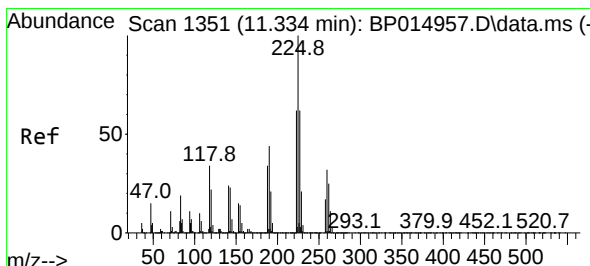
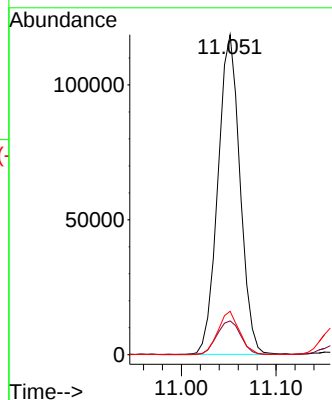
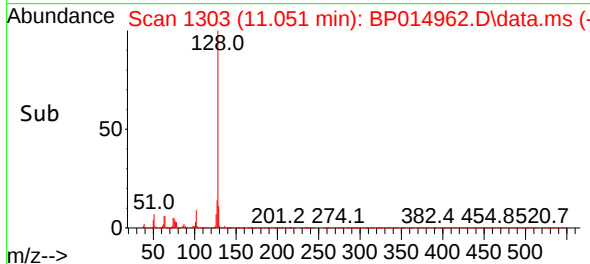
Tgt Ion:128 Resp: 191968
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.5 10.4 15.6

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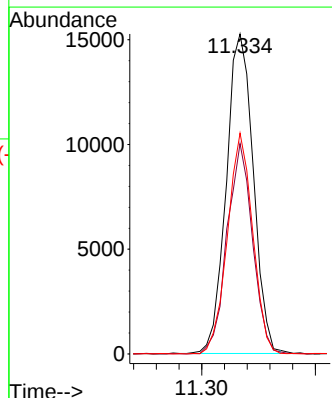
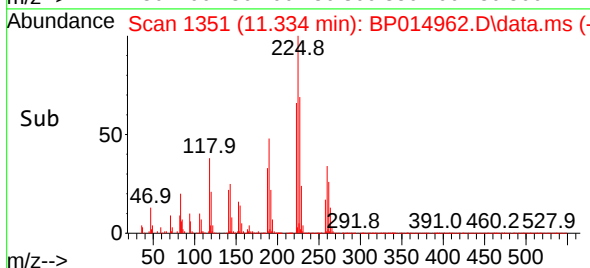
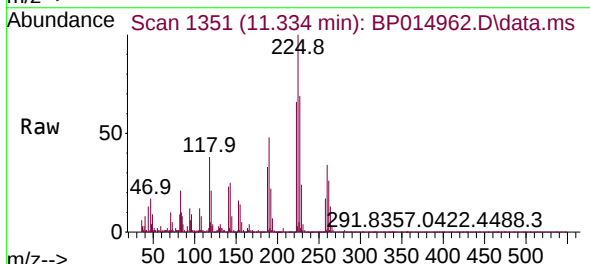
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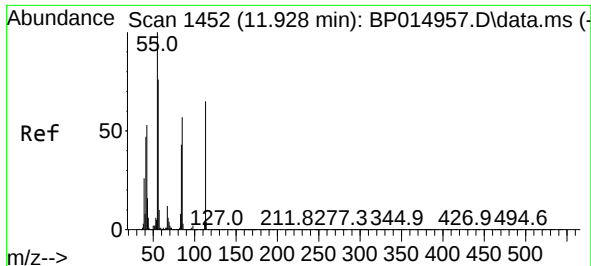
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#33
Hexachlorobutadiene
Concen: 2.193 ng/ul
RT: 11.334 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:225 Resp: 25199
Ion Ratio Lower Upper
225 100
223 65.8 50.6 76.0
227 69.0 51.4 77.0





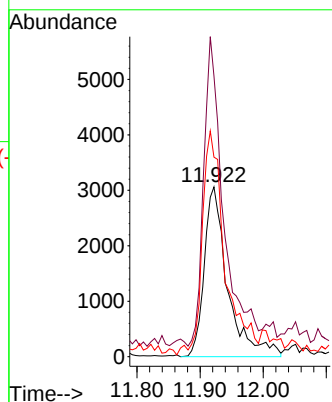
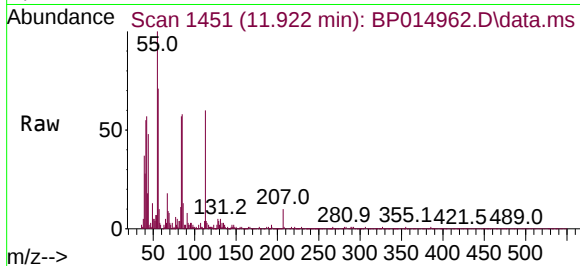
#34
Caprolactam
Concen: 1.438 ng/ul m
RT: 11.922 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion:113 Resp: 788
Ion Ratio Lower Upper
113 100
55 165.4 128.5 192.7
56 117.5 94.3 141.5

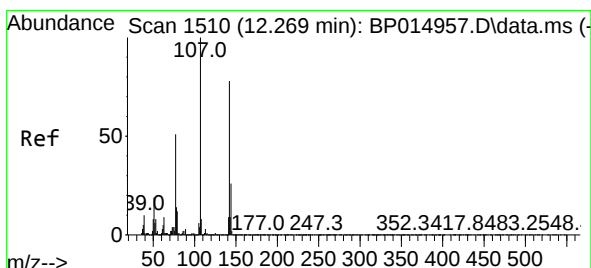
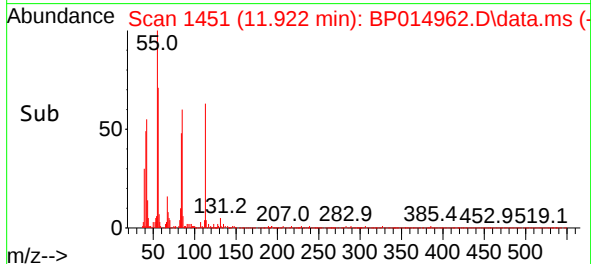
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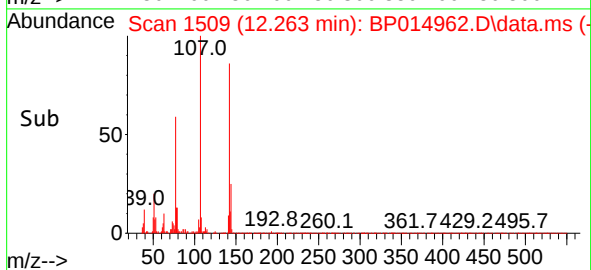
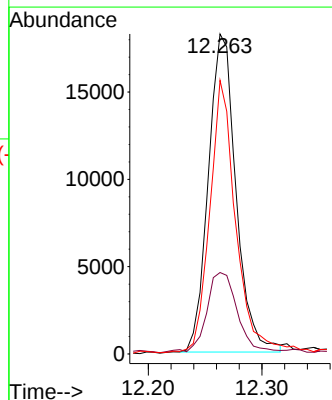
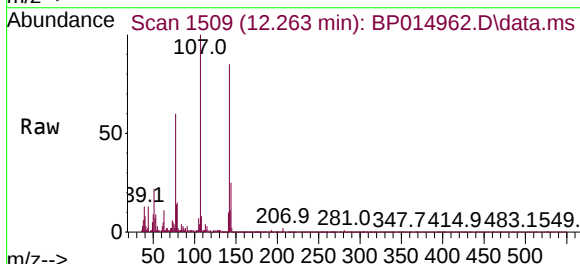
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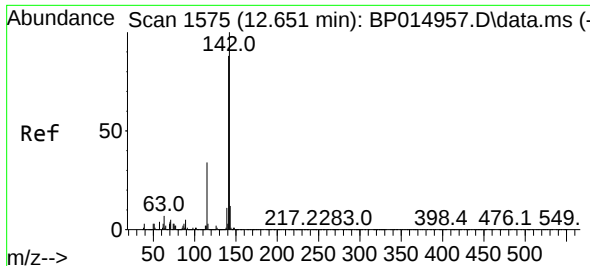
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#35
4-Chloro-3-methylphenol
Concen: 1.686 ng/ul
RT: 12.263 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:107 Resp: 30865
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 85.5 63.2 94.8





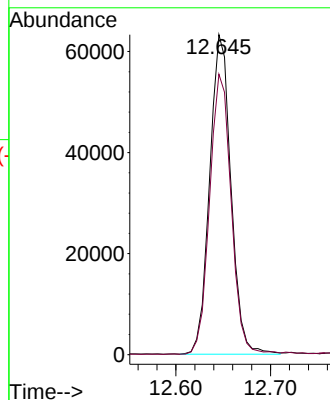
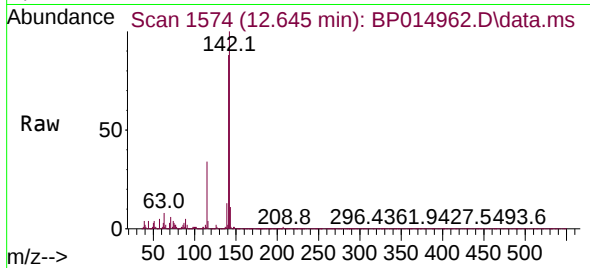
#36
2-Methylnaphthalene
Concen: 2.420 ng/ul
RT: 12.645 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion:142 Resp: 9877
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7

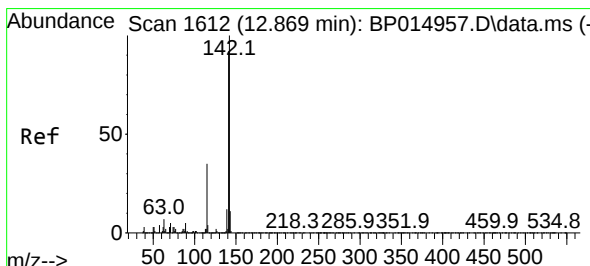
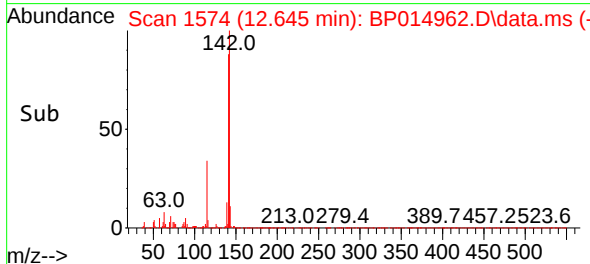
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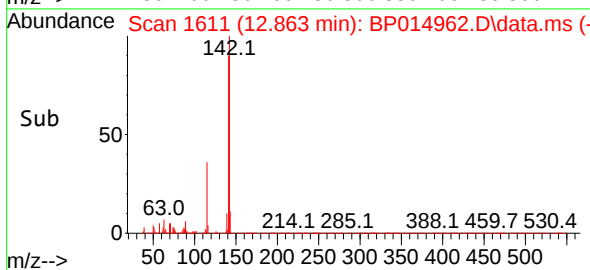
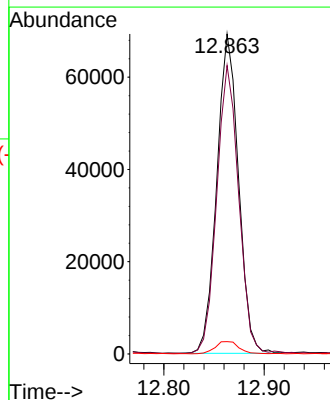
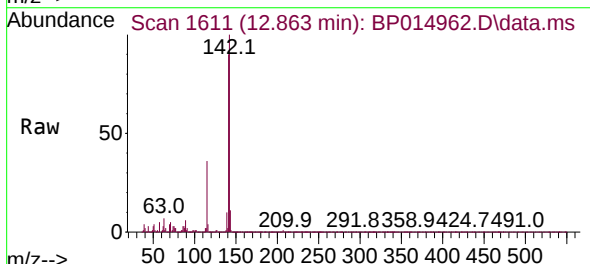
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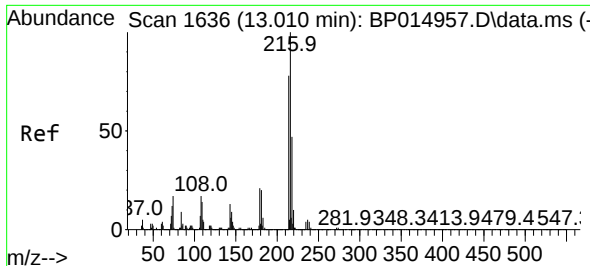
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#37
1-Methylnaphthalene
Concen: 2.475 ng/ul
RT: 12.863 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

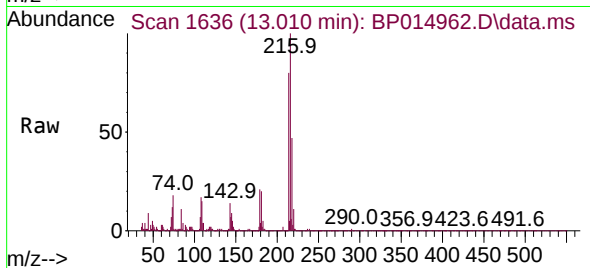
Tgt Ion:142 Resp: 104135
Ion Ratio Lower Upper
142 100
141 90.2 74.4 111.6
116 3.8 2.9 4.3





#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.246 ng/ul
RT: 13.010 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS



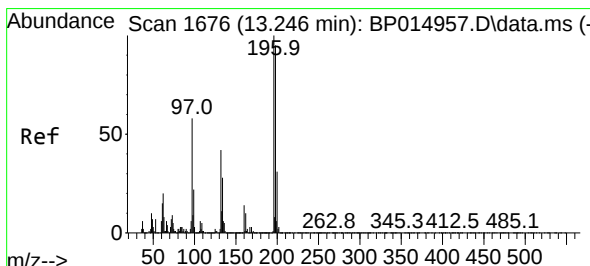
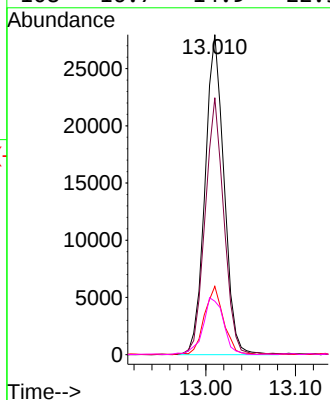
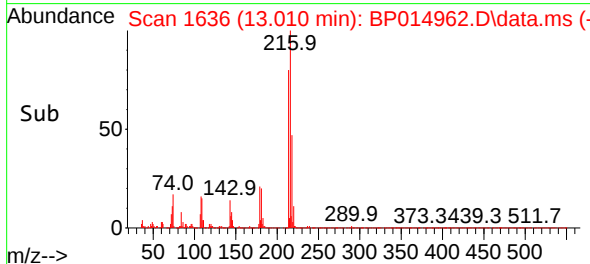
Tgt Ion:216 Resp: 4118
Ion Ratio Lower Upper
216 100
214 80.3 63.0 94.4
179 21.3 16.9 25.3
108 16.7 14.9 22.3

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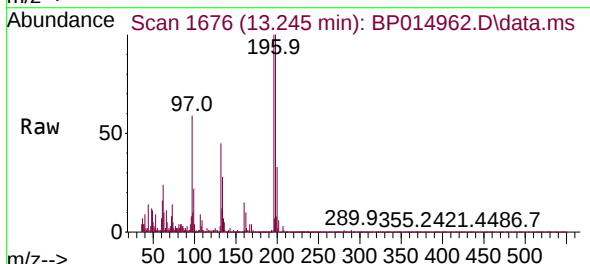
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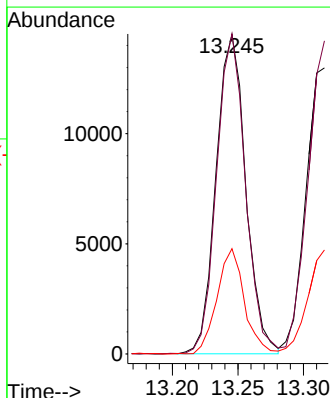
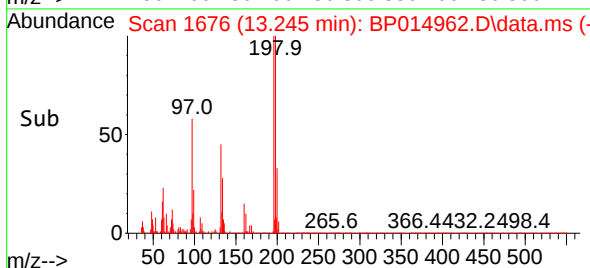
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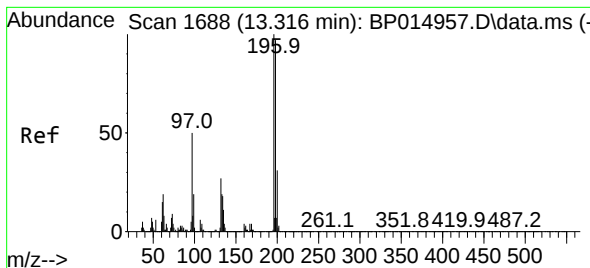


#41
2,4,6-Trichlorophenol
Concen: 2.018 ng/ul
RT: 13.245 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34



Tgt Ion:196 Resp: 22799
Ion Ratio Lower Upper
196 100
198 100.2 76.8 115.2
200 33.0 24.6 36.8





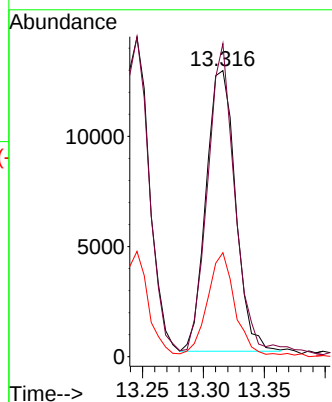
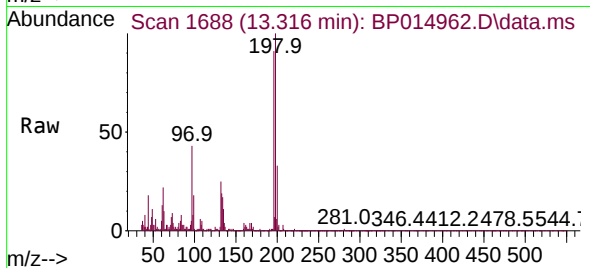
#42
2,4,5-Trichlorophenol
Concen: 1.766 ng/ul
RT: 13.316 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	109.4	74.2	111.4
200	36.4	24.6	37.0

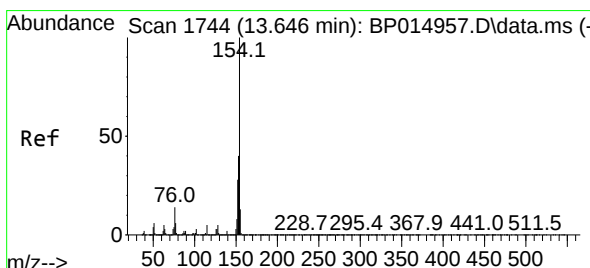
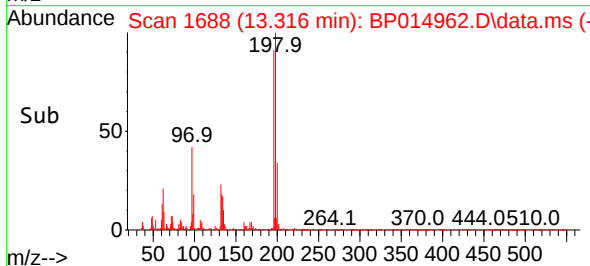
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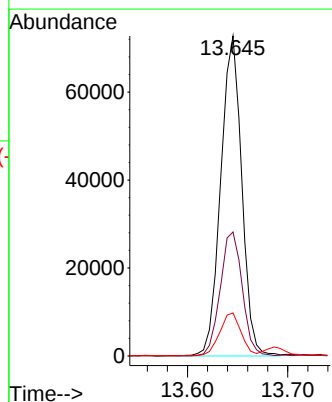
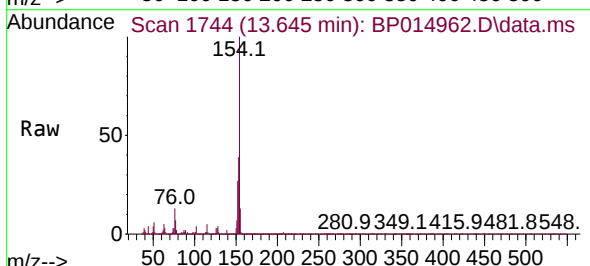
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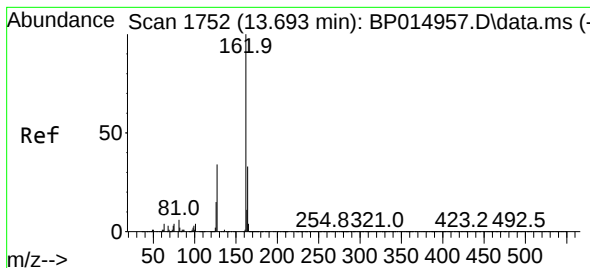
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#43
1,1'-Biphenyl
Concen: 2.251 ng/ul
RT: 13.645 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.7	31.9	47.9
76	13.5	11.3	16.9





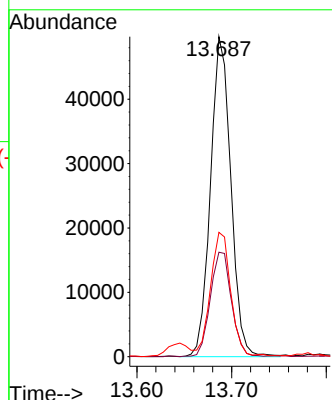
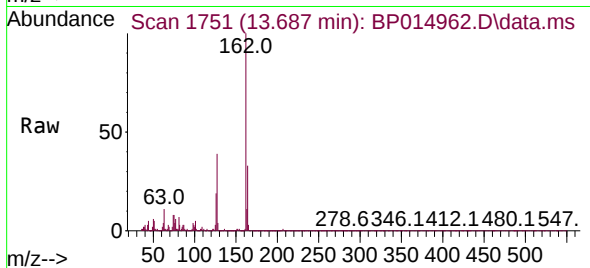
#44
2-Chloronaphthalene
Concen: 2.026 ng/ul
RT: 13.687 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.6	26.3	39.5
127	38.9	30.4	45.6

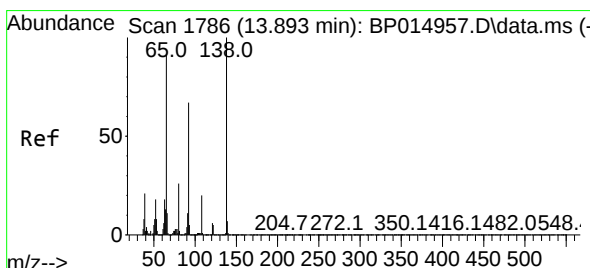
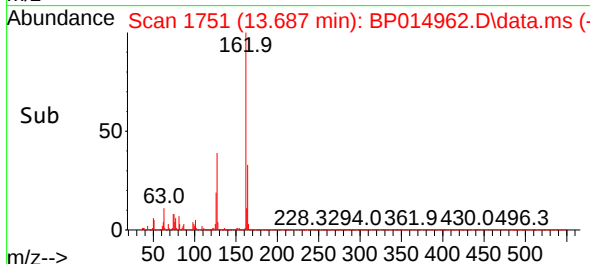
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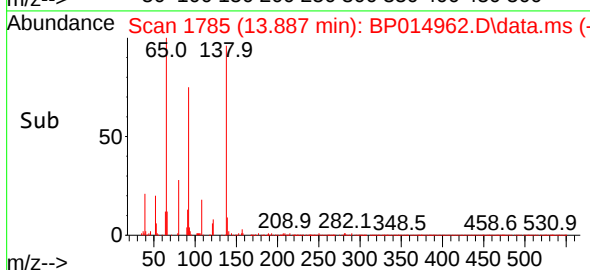
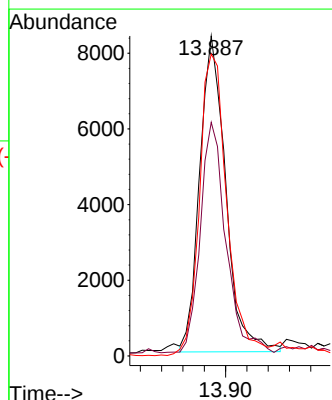
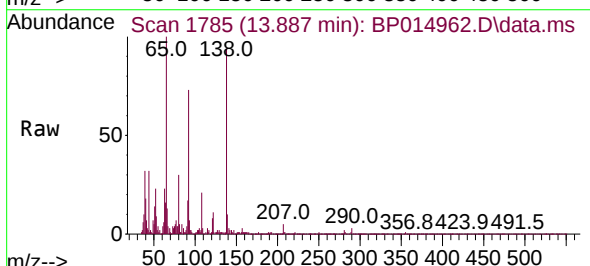
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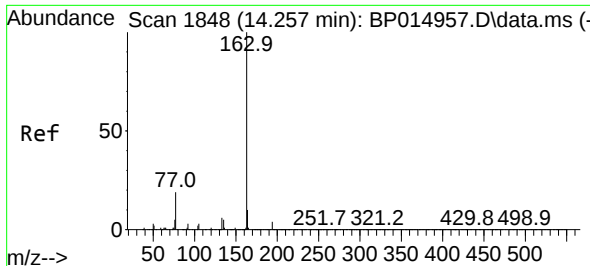
05/05/2023



#45
2-Nitroaniline
Concen: 1.661 ng/ul
RT: 13.887 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

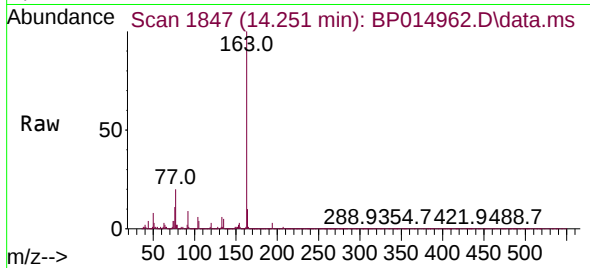
Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	58.3	87.5
138	94.4	87.9	131.9





#47
Dimethylphthalate
Concen: 2.009 ng/ul
RT: 14.251 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS



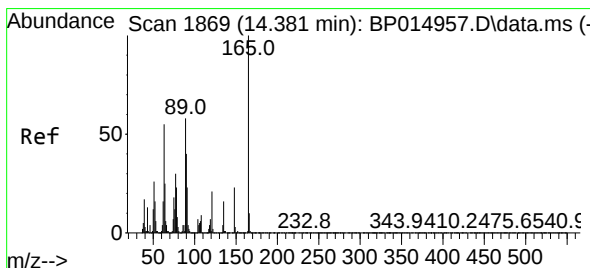
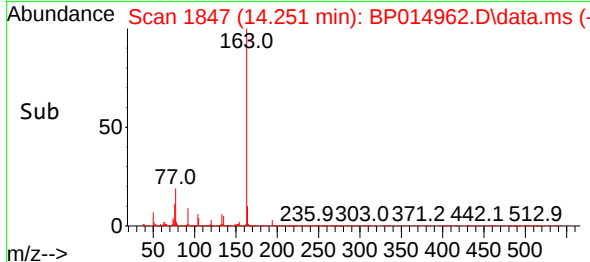
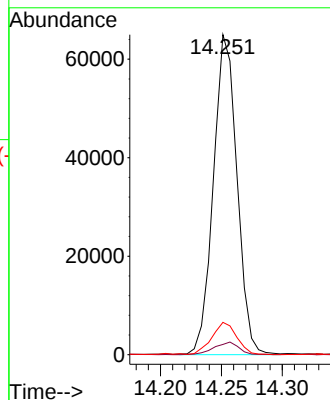
Tgt Ion:163 Resp: 87870
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 10.1 8.0 12.0

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Supervised By :Jagrut Upadhyay 05/05/2023

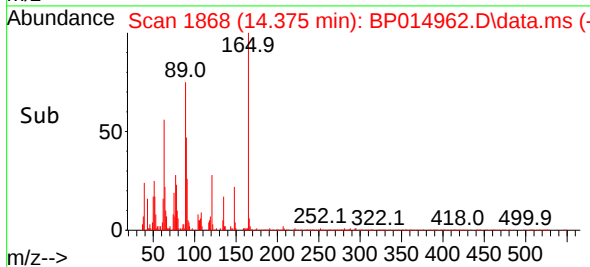
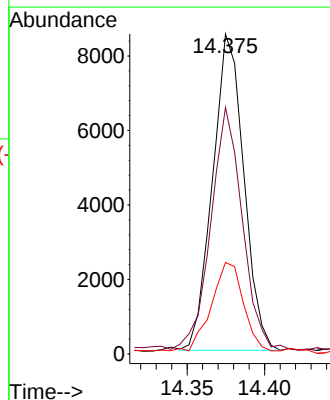
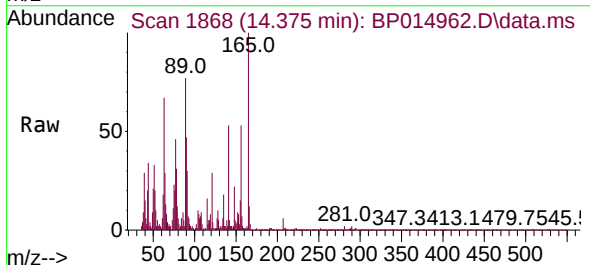
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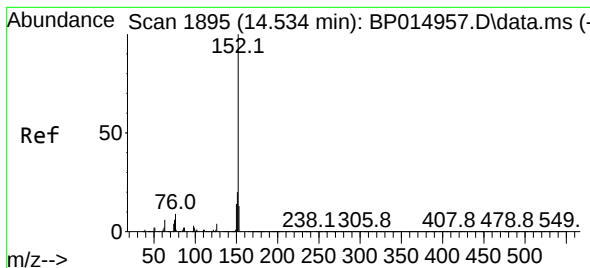
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#48
2,6-Dinitrotoluene
Concen: 1.539 ng/ul
RT: 14.375 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

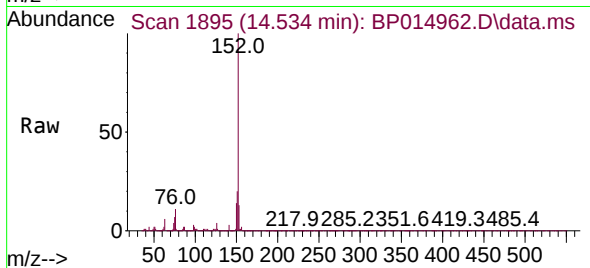
Tgt Ion:165 Resp: 11901
Ion Ratio Lower Upper
165 100
89 77.1 48.1 72.1#
121 28.6 17.3 25.9#





#50
Acenaphthylene
Concen: 4.300 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

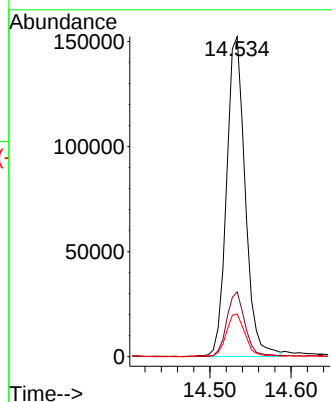
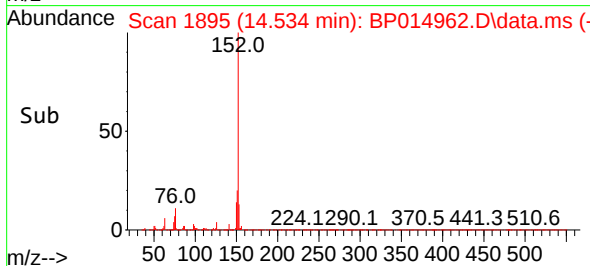
Instrument : BNA_P
ClientSampleId : EW937MS



Tgt Ion:152 Resp: 243230
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.4 15.6

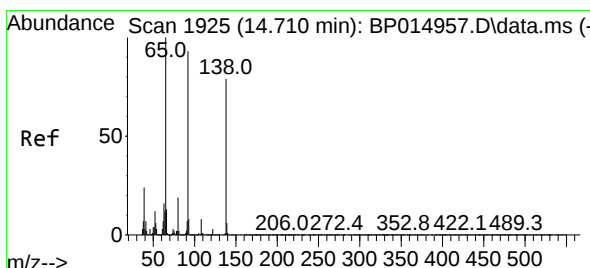
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Supervised By :Jagrut Upadhyay 05/05/2023



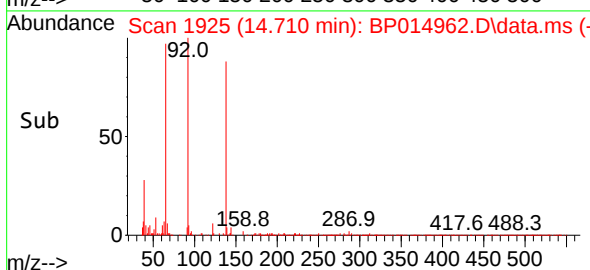
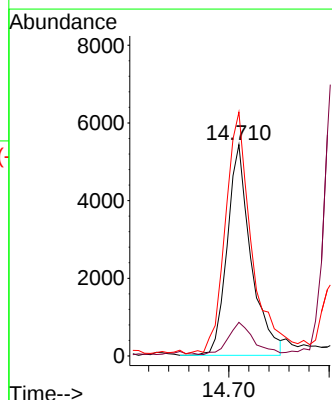
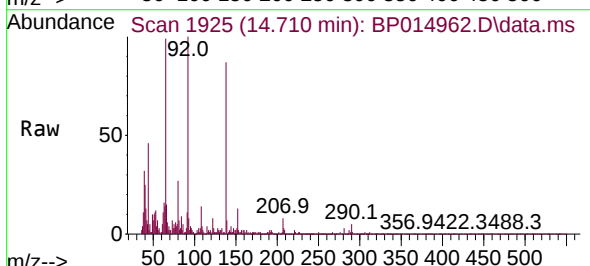
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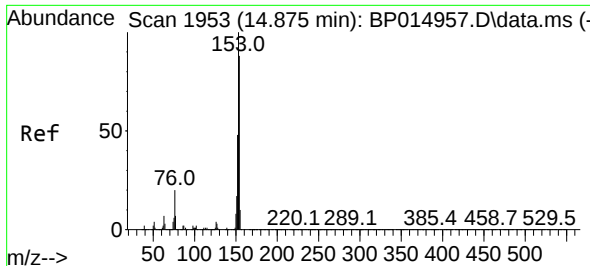
05/05/2023



#51
3-Nitroaniline
Concen: 1.276 ng/ul
RT: 14.710 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:138 Resp: 8929
Ion Ratio Lower Upper
138 100
108 15.9 8.5 12.7#
92 115.4 95.8 143.6





#52
Acenaphthene
Concen: 4.674 ng/u1
RT: 14.869 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

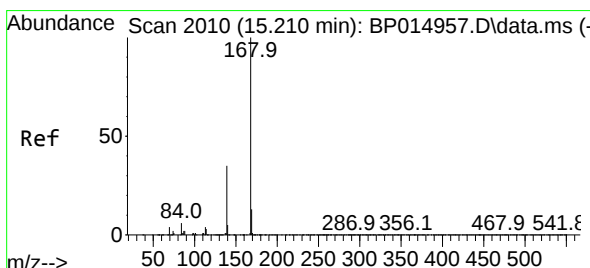
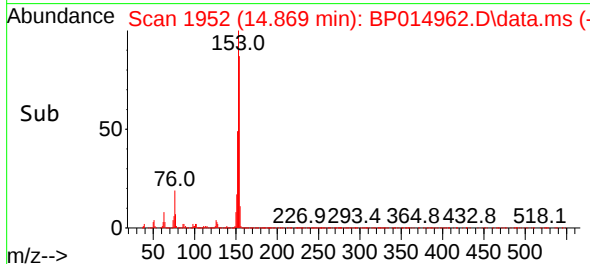
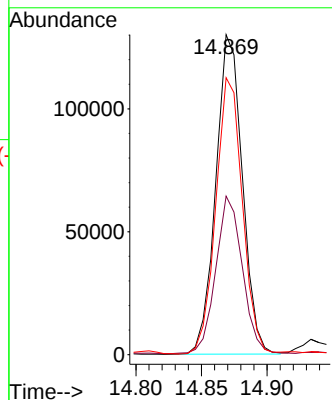
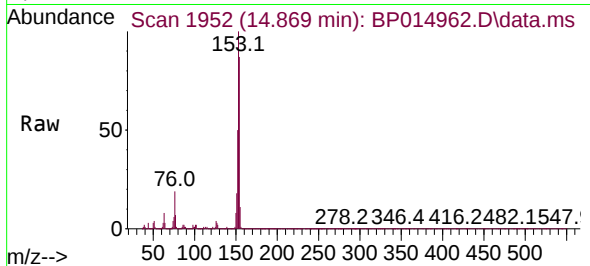
Tgt Ion:153 Resp: 18299
Ion Ratio Lower Upper
153 100
152 49.5 38.8 58.2
154 86.5 69.6 104.4

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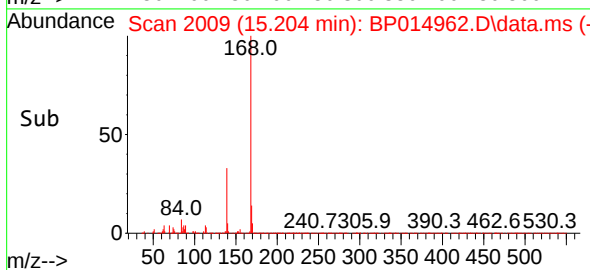
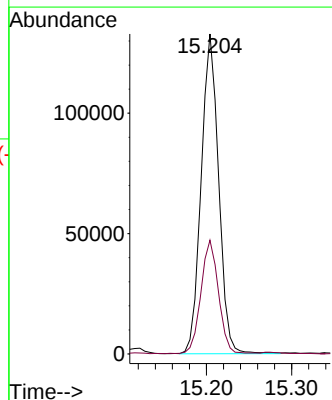
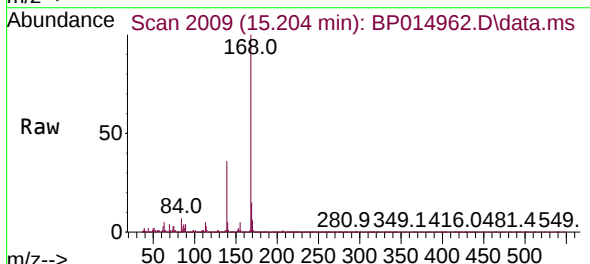
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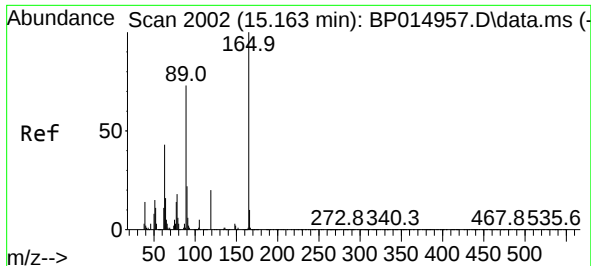
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#56
Dibenzofuran
Concen: 3.576 ng/u1
RT: 15.204 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

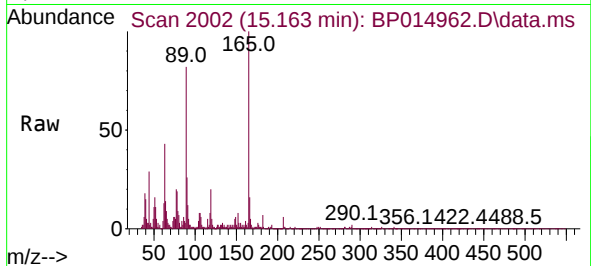
Tgt Ion:168 Resp: 188908
Ion Ratio Lower Upper
168 100
139 35.6 28.6 42.8





#57
2,4-Dinitrotoluene
Concen: 1.315 ng/ul
RT: 15.163 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS



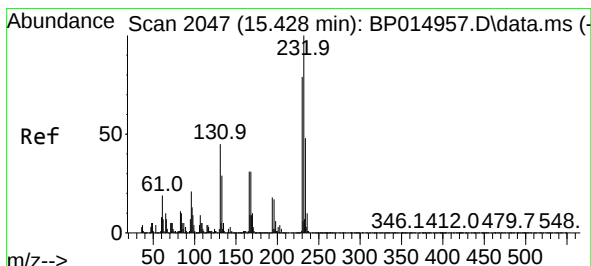
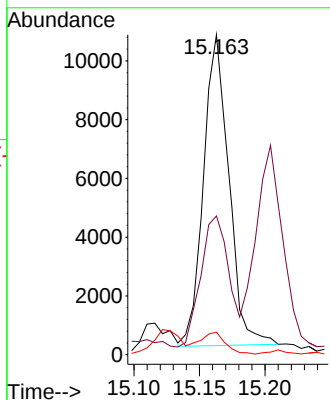
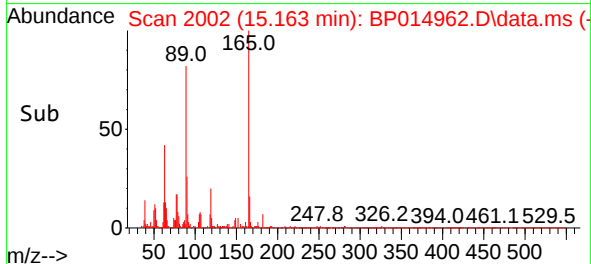
Tgt Ion:165 Resp: 1424
Ion Ratio Lower Upper
165 100
63 43.3 35.7 53.5
182 7.1 2.2 3.4

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Supervised By :Jagrut Upadhyay 05/05/2023

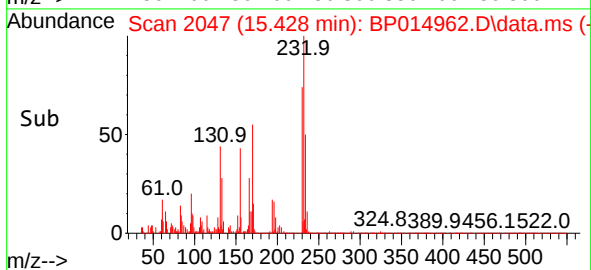
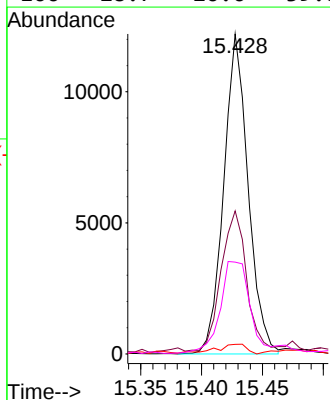
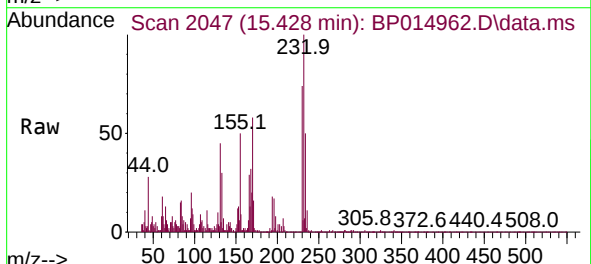
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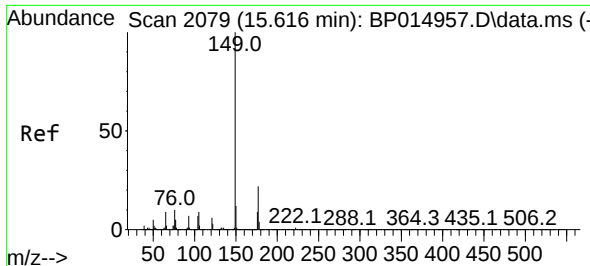
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#58
2,3,4,6-Tetrachlorophenol
Concen: 1.718 ng/ul
RT: 15.428 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:232 Resp: 17026
Ion Ratio Lower Upper
232 100
131 44.7 38.2 57.4
130 3.0 2.1 3.1
166 28.7 26.6 39.8





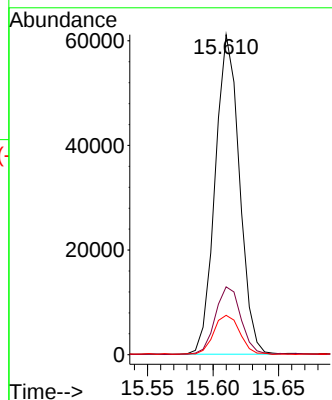
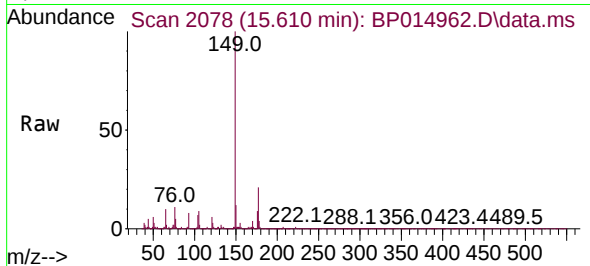
#59
Diethylphthalate
Concen: 1.902 ng/ul
RT: 15.610 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion:149 Resp: 7862
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 12.3 9.6 14.4

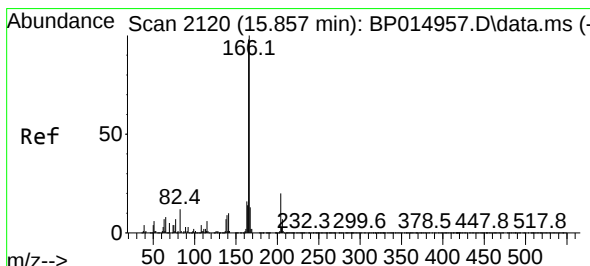
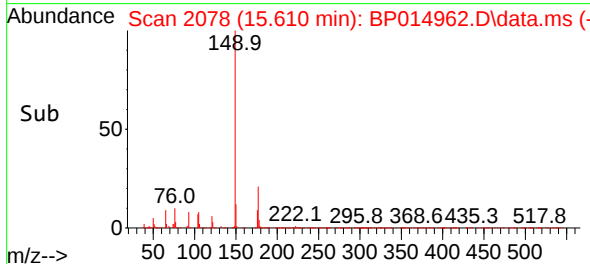
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Supervised By :Jagrut Upadhyay 05/05/2023



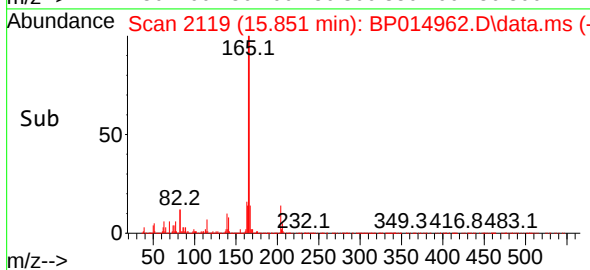
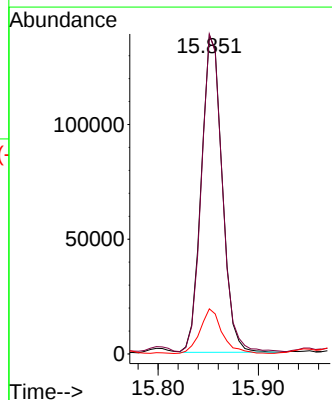
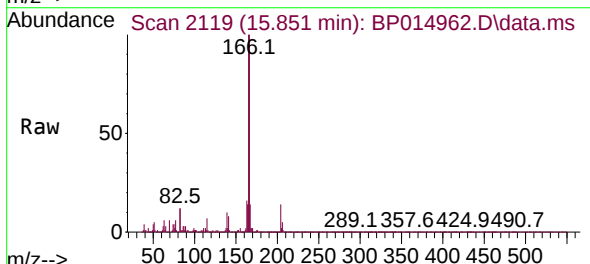
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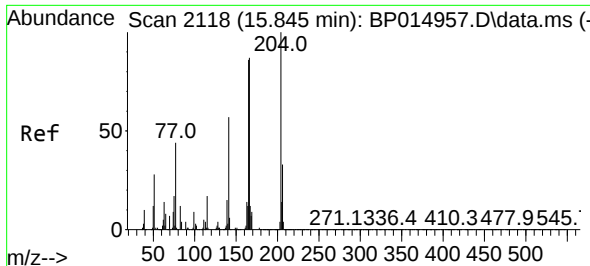
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#61
Fluorene
Concen: 4.800 ng/ul
RT: 15.851 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:166 Resp: 200004
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 14.2 10.7 16.1





#62
4-Chlorophenyl-phenylether
Concen: 1.989 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

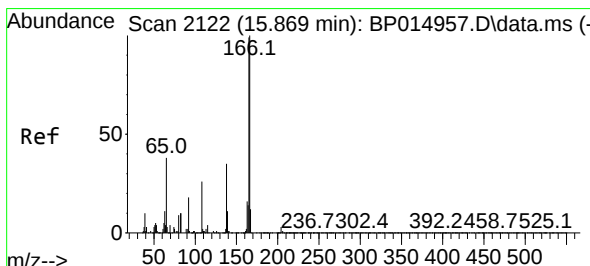
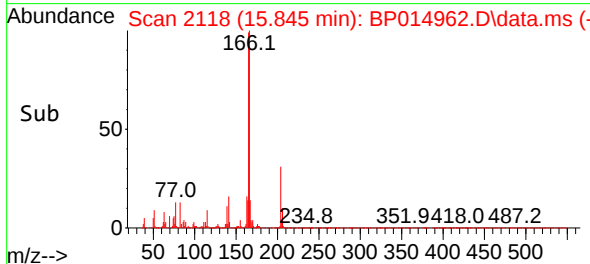
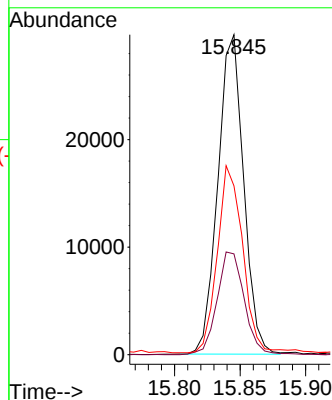
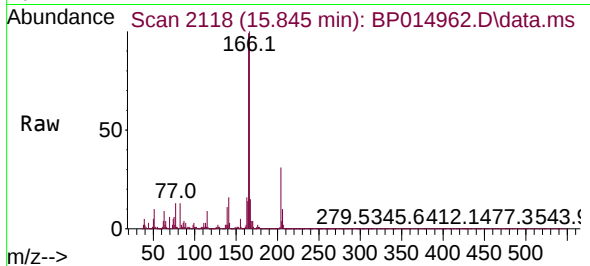
Tgt Ion:204 Resp: 4055
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.2
141 52.7 46.8 70.2

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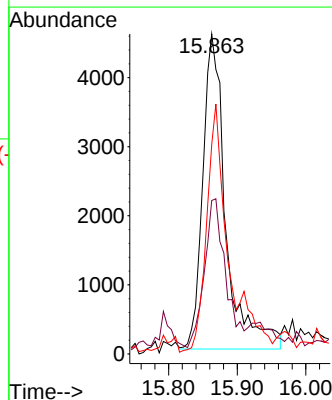
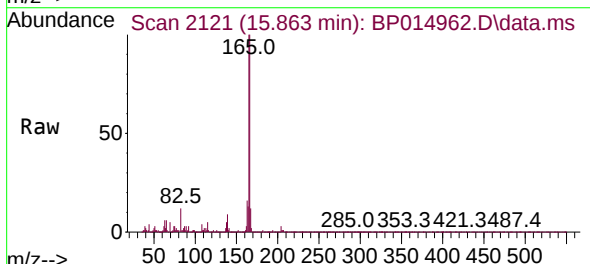
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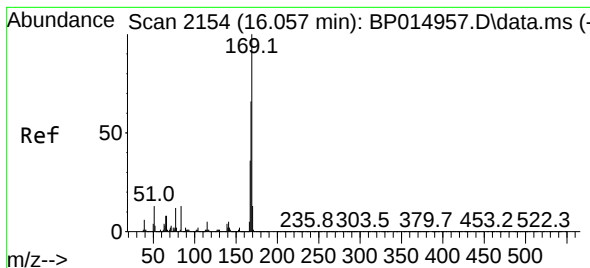
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#63
4-Nitroaniline
Concen: 1.827 ng/ul m
RT: 15.863 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:138 Resp: 10668
Ion Ratio Lower Upper
138 100
92 48.0 43.7 65.5
108 65.5 57.4 86.2





#67

N-Nitrosodiphenylamine

Concen: 2.124 ng/ul

RT: 16.057 min Scan# 2154

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

Tgt Ion:169	Resp: 66502
Ion Ratio	Lower Upper
169 100	
168 70.1	53.5 80.3
167 39.7	29.3 43.9

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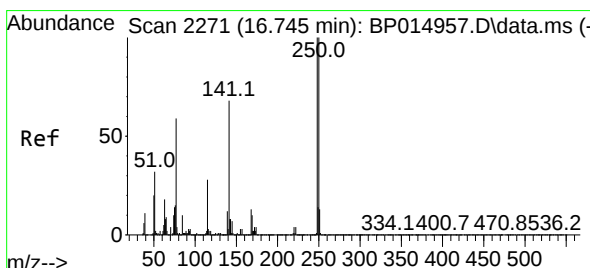
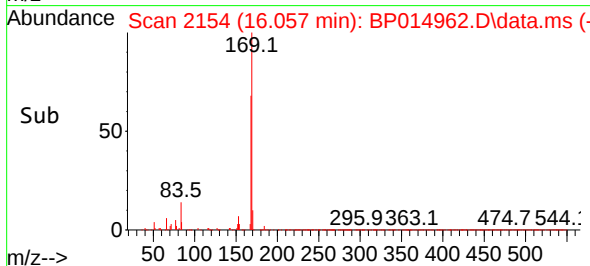
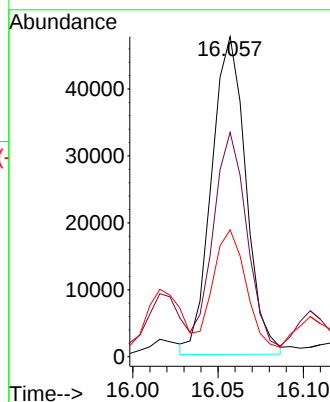
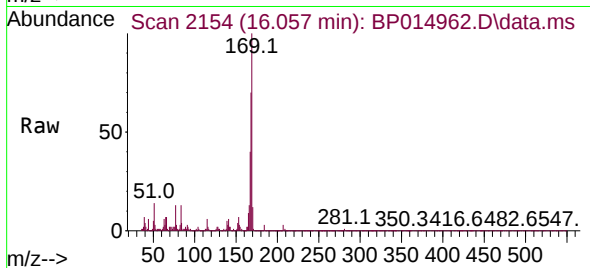
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#68

4-Bromophenyl-phenylether

Concen: 2.146 ng/ul

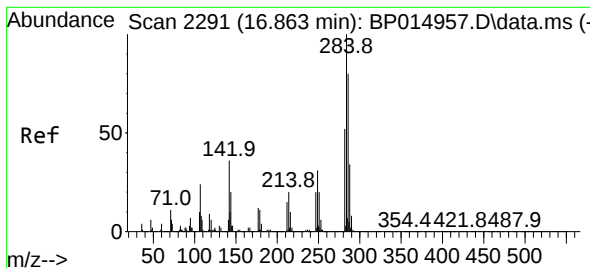
RT: 16.739 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Tgt Ion:248	Resp: 23
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#69

Hexachlorobenzene

Concen: 2.162 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

Tgt Ion:	284	Resp:	27334
Ion Ratio	Lower	Upper	
284	100		
142	37.1	30.2	45.2
249	31.5	24.5	36.7

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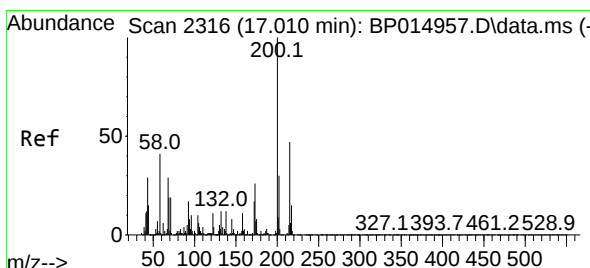
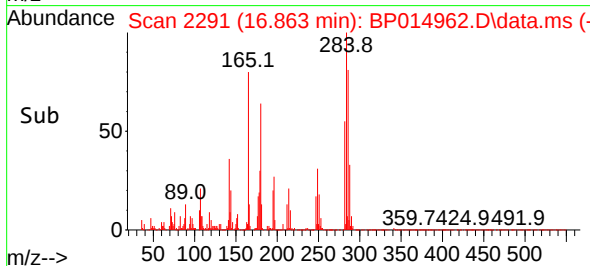
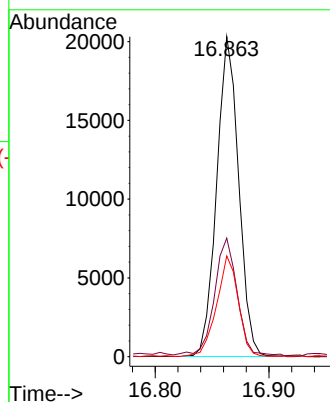
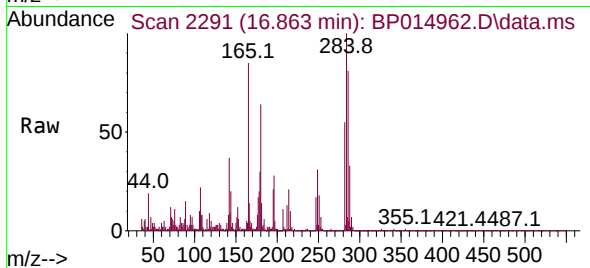
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#70

Atrazine

Concen: 1.868 ng/ul

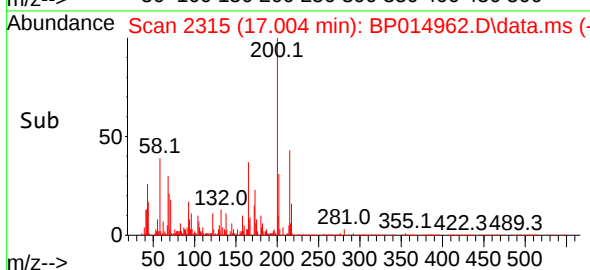
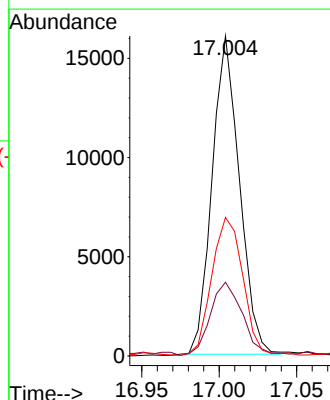
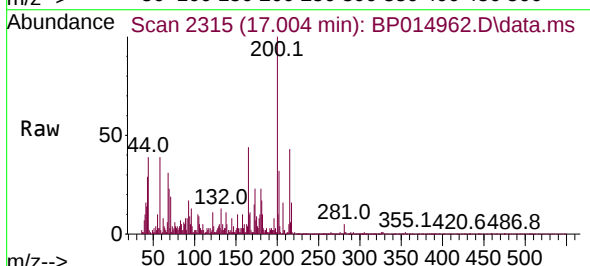
RT: 17.004 min Scan# 2315

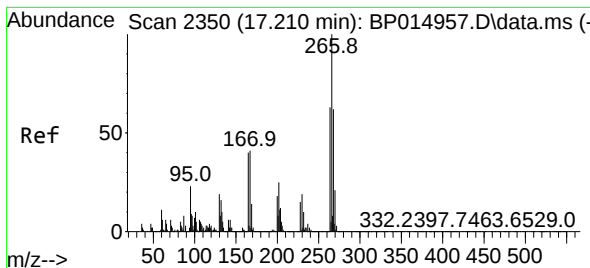
Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

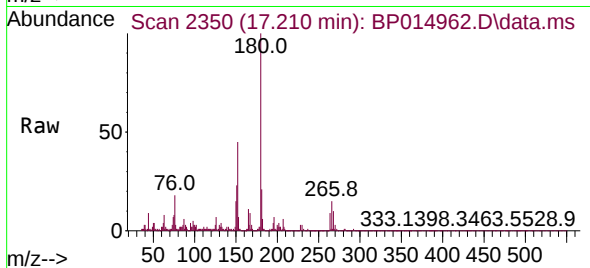
Tgt Ion:	200	Resp:	19677
Ion Ratio	Lower	Upper	
200	100		
173	23.1	21.8	32.6
215	43.3	39.0	58.4





#71
Pentachlorophenol
Concen: 1.317 ng/ul
RT: 17.210 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS



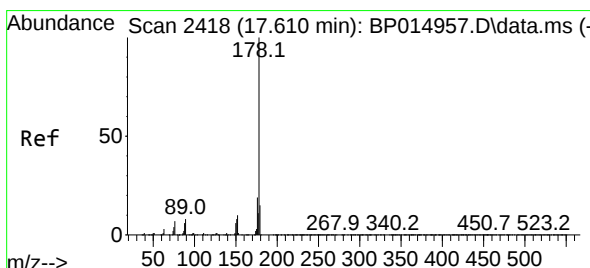
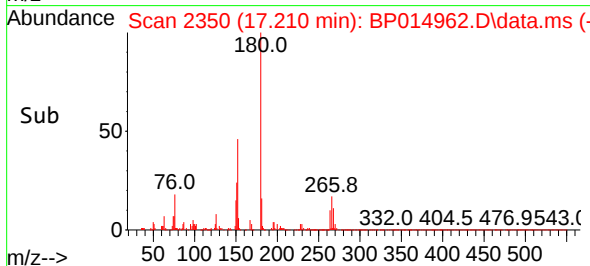
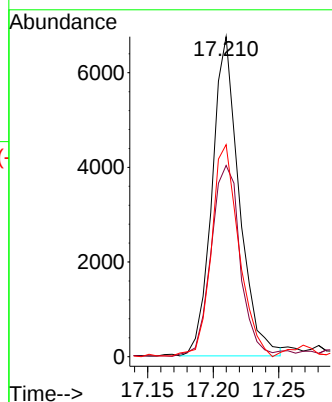
Tgt Ion:266 Resp: 9715
Ion Ratio Lower Upper
266 100
264 59.8 48.9 73.3
268 66.3 49.6 74.4

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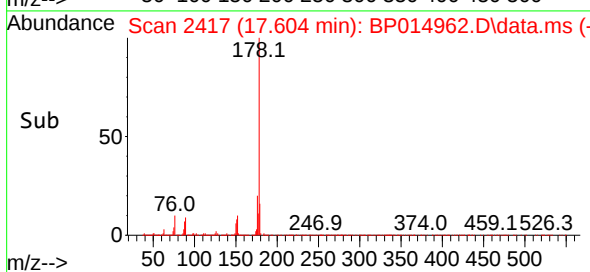
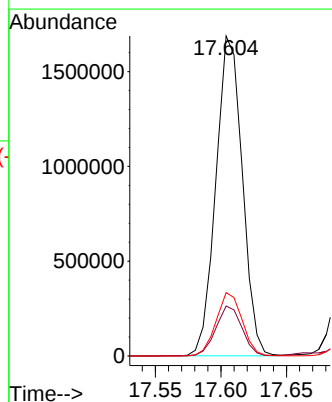
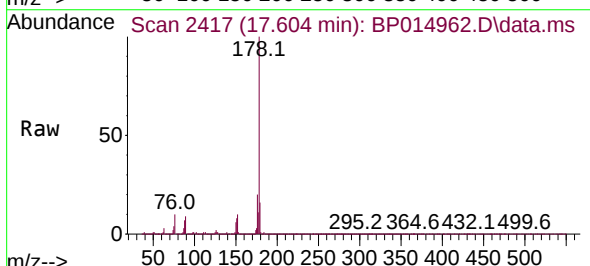
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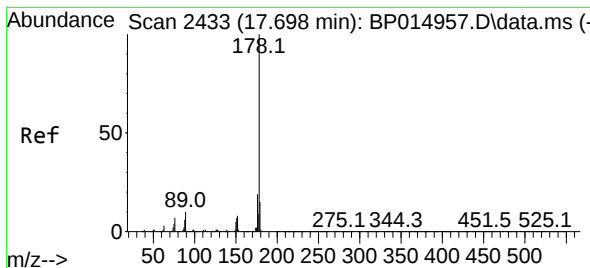
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#72
Phenanthrene
Concen: 41.403 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:178 Resp: 2359561
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.8 15.4 23.0





#74

Anthracene

Concen: 12.661 ng/uI

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

Tgt Ion:178	Resp: 718350
Ion Ratio	Lower Upper
178 100	
179 15.7	12.6 18.8
176 18.7	15.0 22.4

Manual Integrations

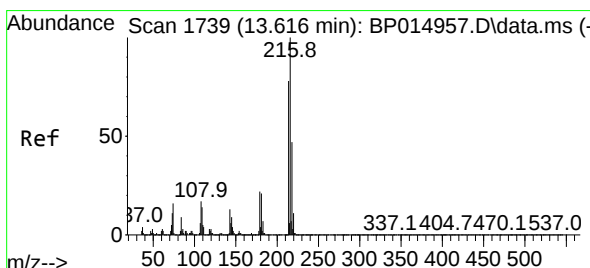
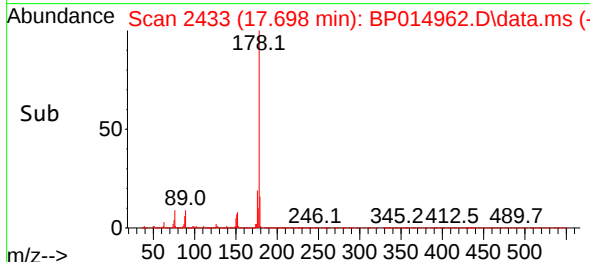
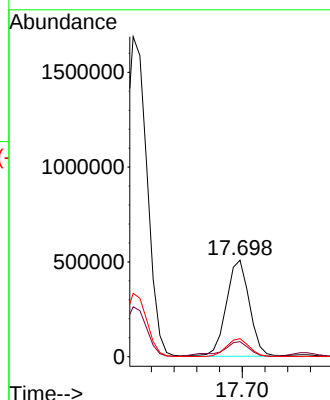
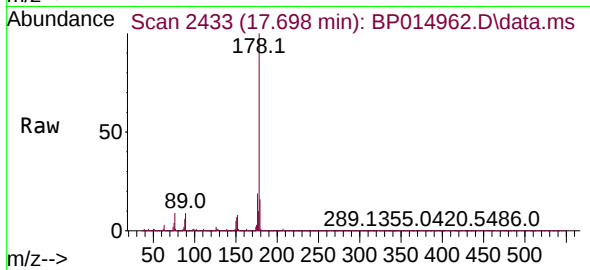
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#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.351 ng/uI

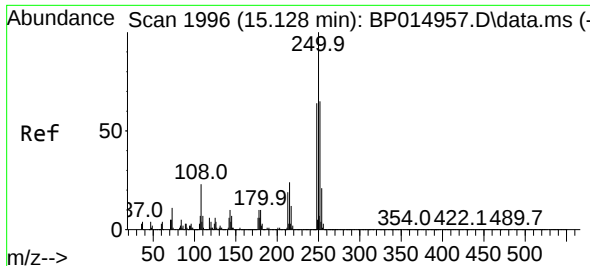
RT: 13.610 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Tgt Ion:216	Resp: 40139
Ion Ratio	Lower Upper



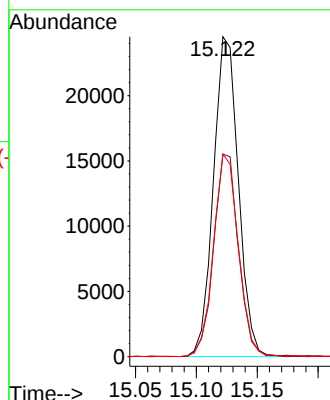
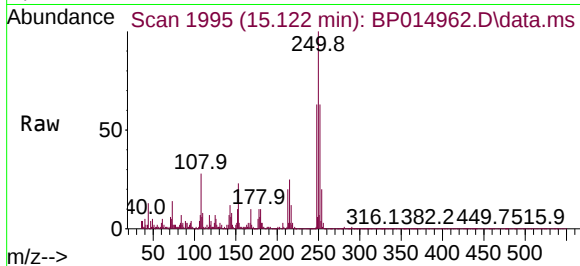
#76
 Pentachlorobenzene
 Concen: 2.146 ng/uL
 RT: 15.122 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BP014962.D
 Acq: 04 May 2023 20:34

Instrument :
 BNA_P
 ClientSampleId :
 EW937MS

Tgt Ion:250 Resp: 34860
 Ion Ratio Lower Upper
 250 100
 248 63.3 50.5 75.7
 252 63.3 50.5 75.7

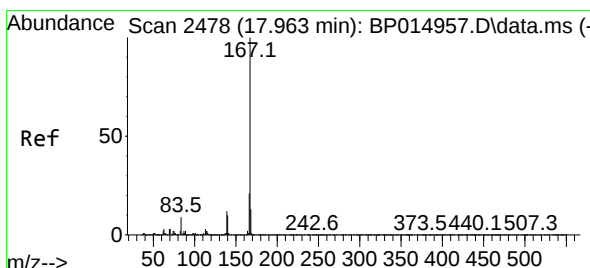
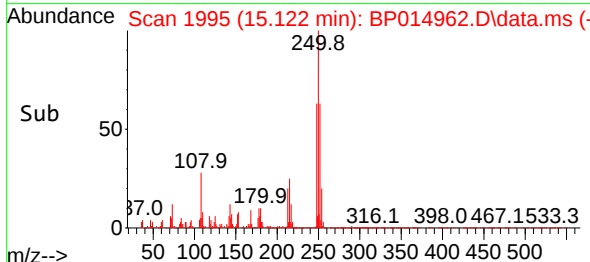
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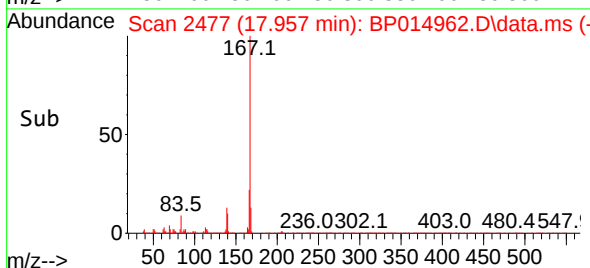
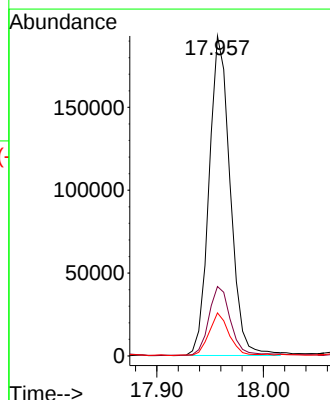
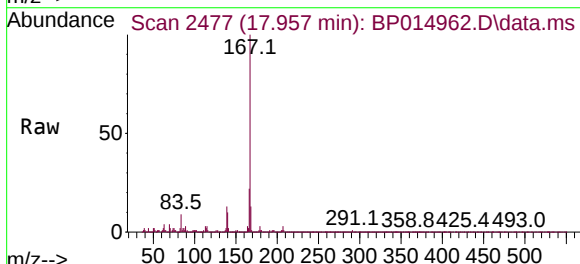
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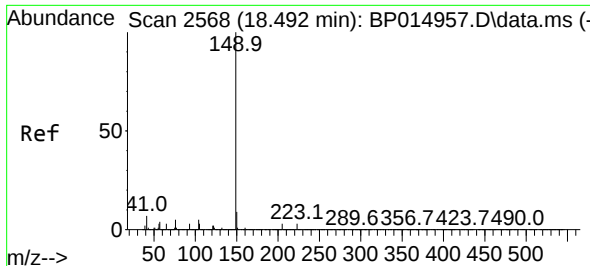
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#77
 Carbazole
 Concen: 5.567 ng/uL
 RT: 17.957 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP014962.D
 Acq: 04 May 2023 20:34

Tgt Ion:167 Resp: 265661
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.4 10.1 15.1





#78
Di-n-butylphthalate
Concen: 2.253 ng/ul
RT: 18.492 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument : BNA_P
ClientSampleId : EW937MS

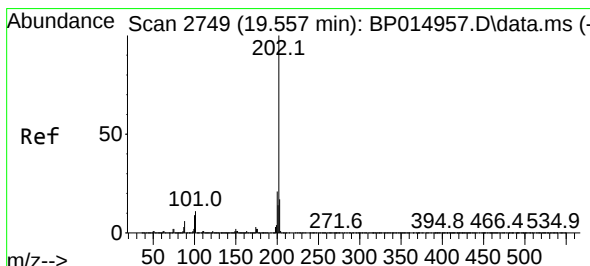
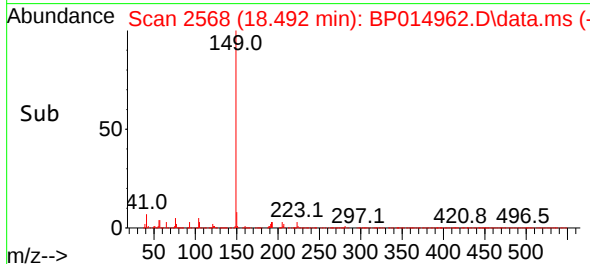
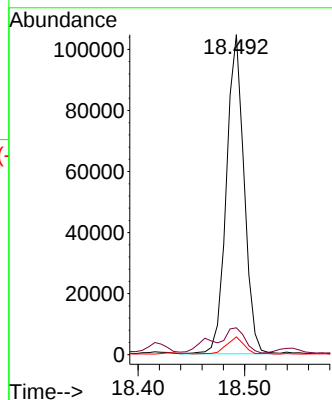
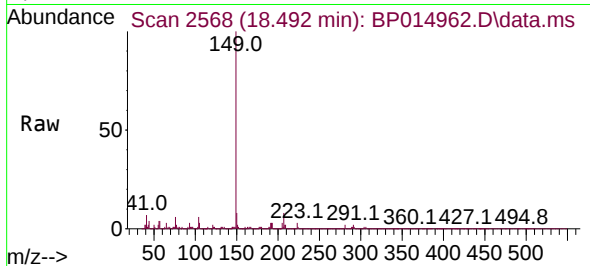
Tgt Ion:149 Resp: 12023
Ion Ratio Lower Upper
149 100
150 8.4 7.4 11.2
104 5.5 4.1 6.1

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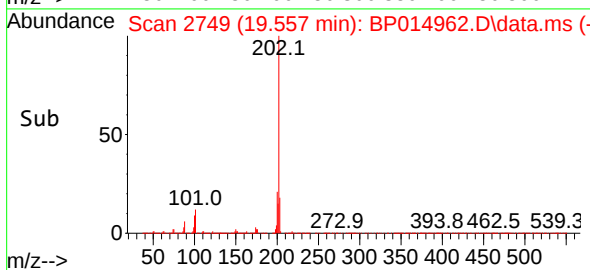
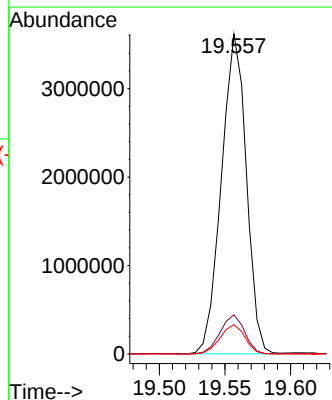
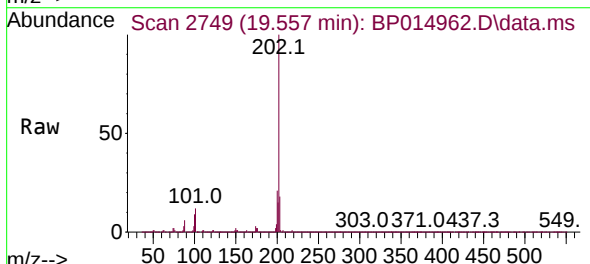
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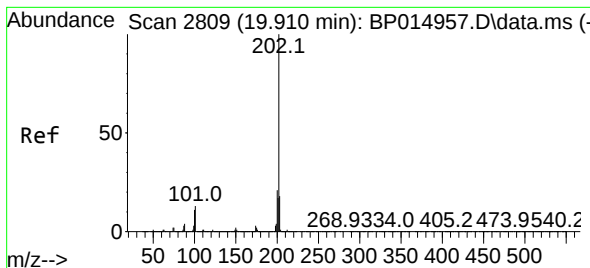
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#80
Fluoranthene
Concen: 54.689 ng/ul
RT: 19.557 min Scan# 2749
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:202 Resp: 4775443
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.1 7.7 11.5





#82

Pyrene

Concen: 47.242 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

Tgt Ion:202 Resp: 437054

Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

100 11.5 9.7 14.5

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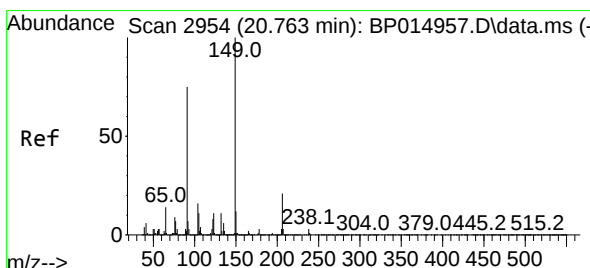
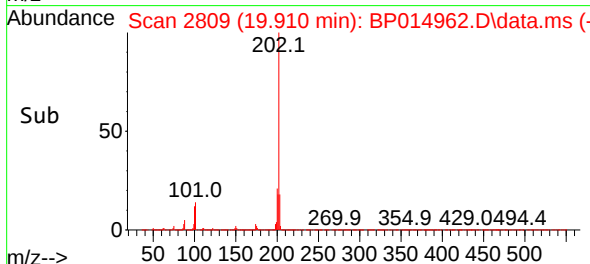
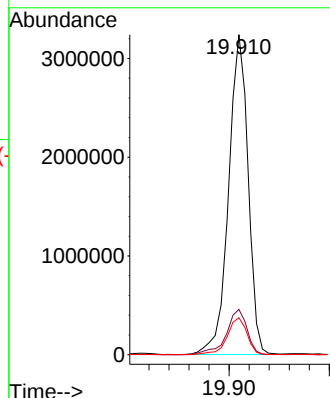
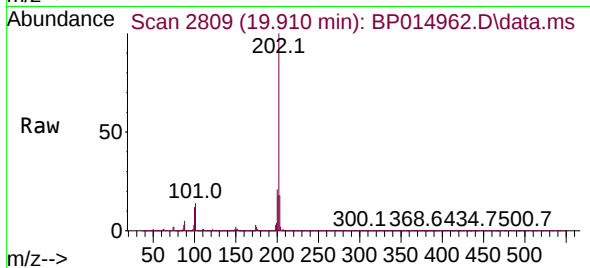
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#83

Butylbenzylphthalate

Concen: 2.114 ng/ul

RT: 20.757 min Scan# 2953

Delta R.T. -0.006 min

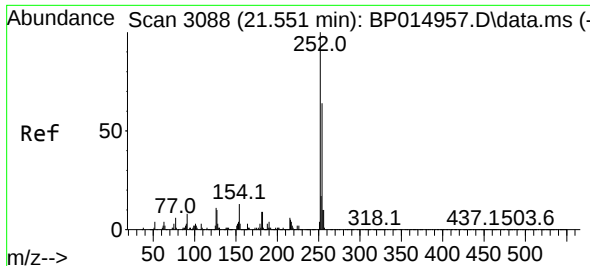
Lab File: BP014962.D

Acq: 04 May 2023 20:34

Tgt Ion:149 Resp: 58719

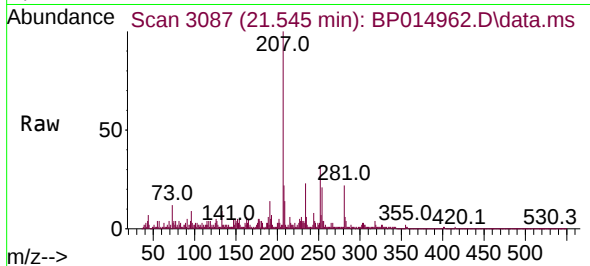
Ion Ratio Lower Upper

149 100



#84
3,3'-Dichlorobenzidine
Concen: 2.492 ng/ul
RT: 21.545 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS



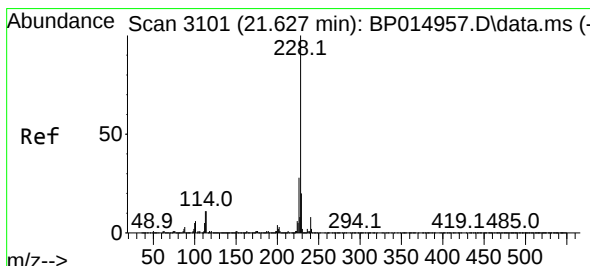
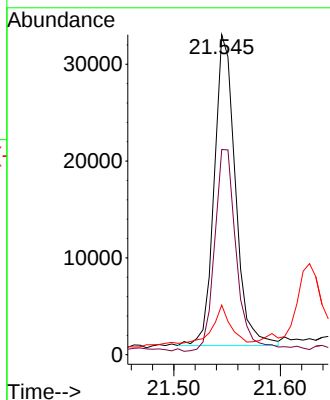
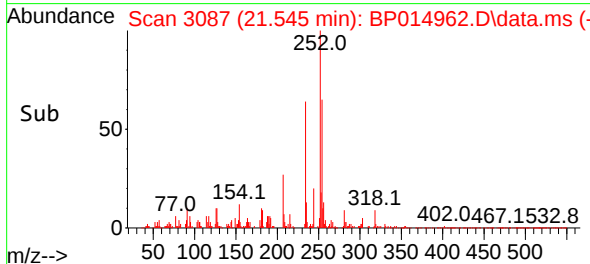
Tgt Ion:252 Resp: 44254
Ion Ratio Lower Upper
252 100
254 64.1 53.3 79.9
126 15.5 9.0 13.6

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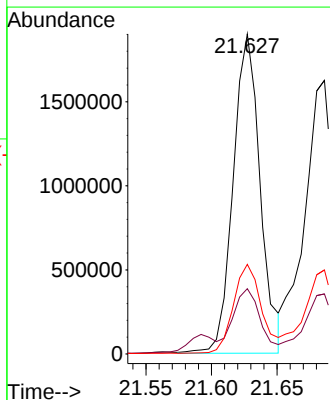
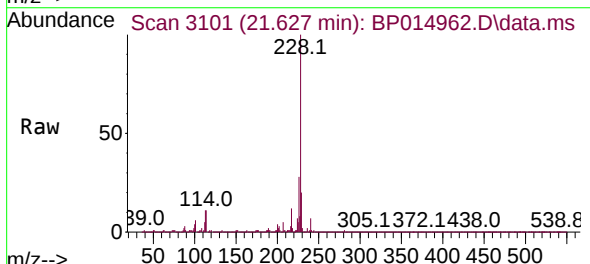
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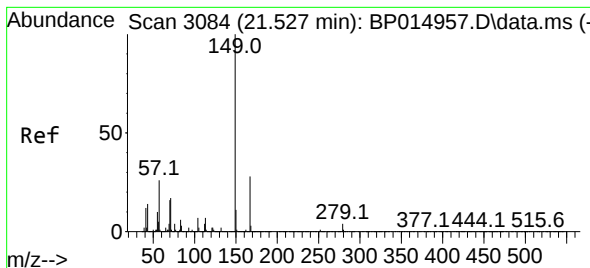
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#85
Benzo(a)anthracene
Concen: 38.719 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:228 Resp: 2726770
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.0 22.1 33.1





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.941 ng/ul

RT: 21.521 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

Tgt Ion:149 Resp: 102777
 Ion Ratio Lower Upper
 149 100
 167 29.5 22.0 33.0
 279 4.0 2.9 4.3

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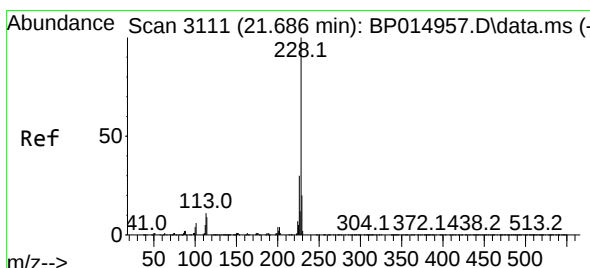
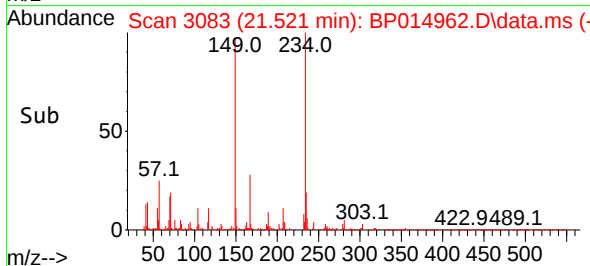
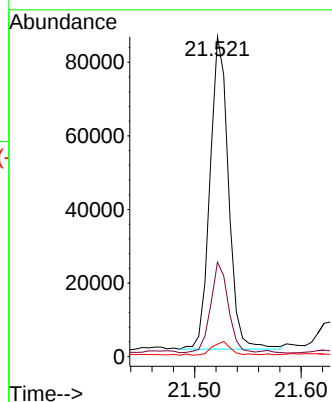
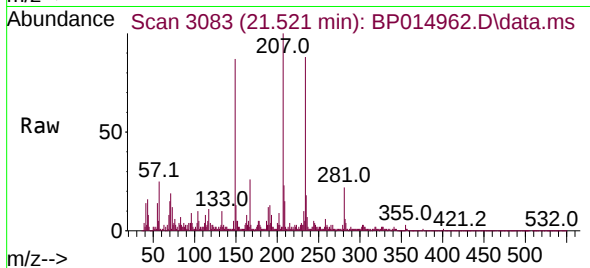
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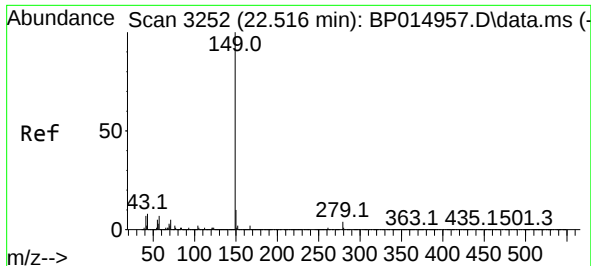


#87

Chrysene

Concen: 35.894 ng/ul

RT: 21.686 min Scan# 31



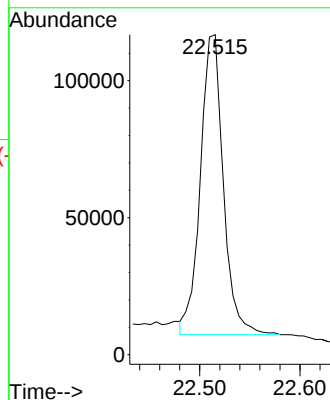
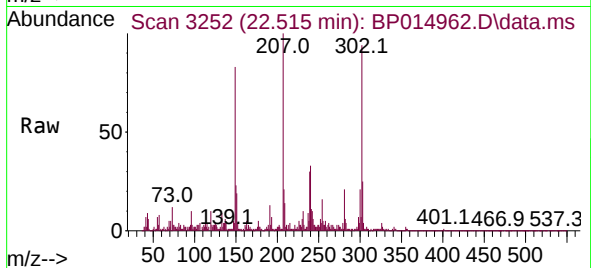
#89
Di-n-octyl phthalate
Concen: 2.281 ng/ul
RT: 22.515 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS

Tgt Ion:149 Resp: 174749

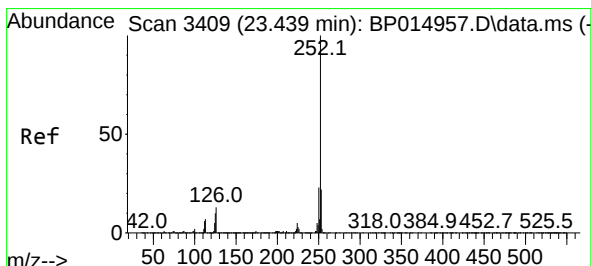
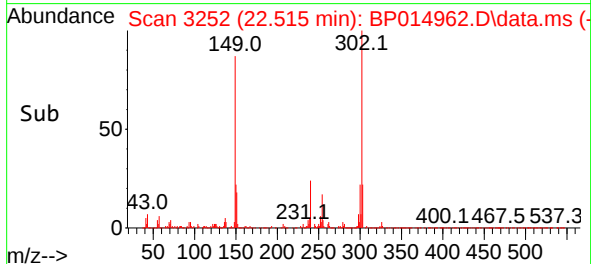
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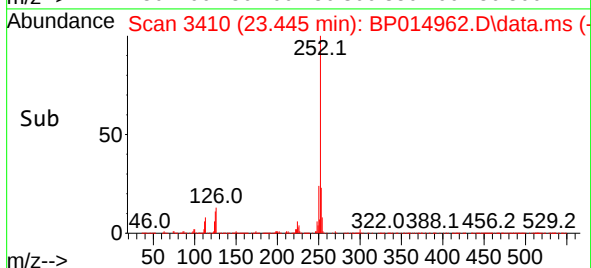
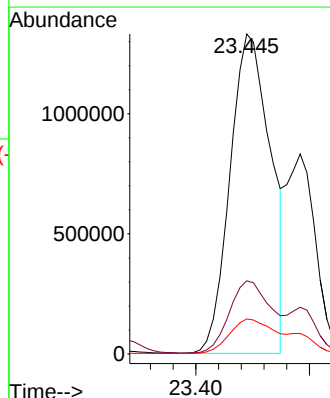
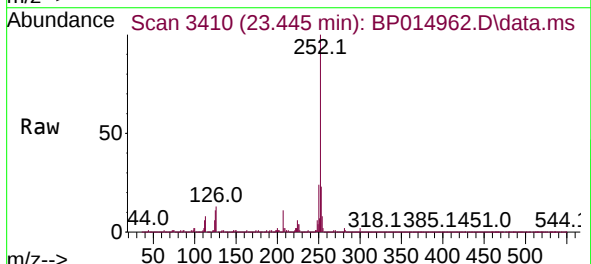
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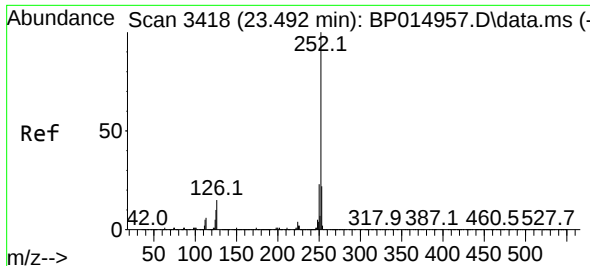
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#90
Benzo(b)fluoranthene
Concen: 38.919 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

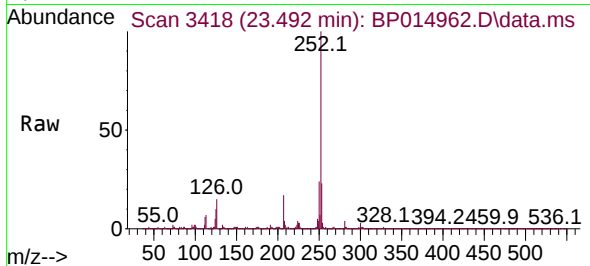
Tgt Ion:252 Resp: 3300164
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.9 8.4 12.6





#91
Benzo(k)fluoranthene
Concen: 16.785 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Instrument :
BNA_P
ClientSampleId :
EW937MS



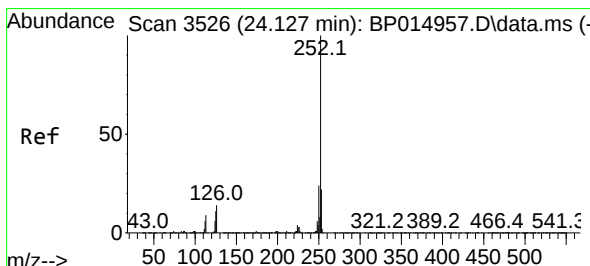
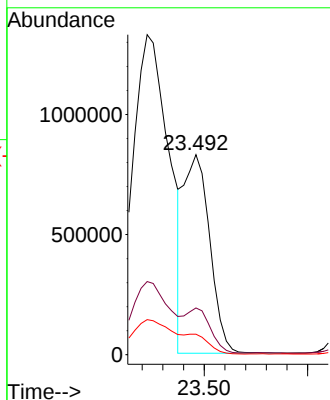
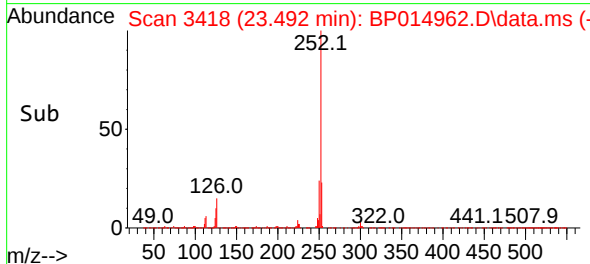
Tgt Ion:252 Resp: 1448559
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 10.2 8.9 13.3

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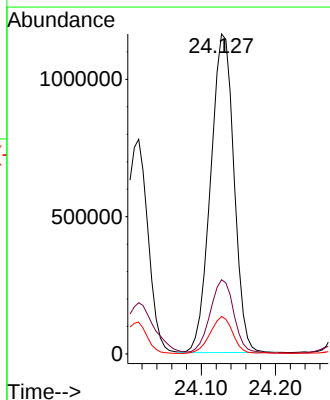
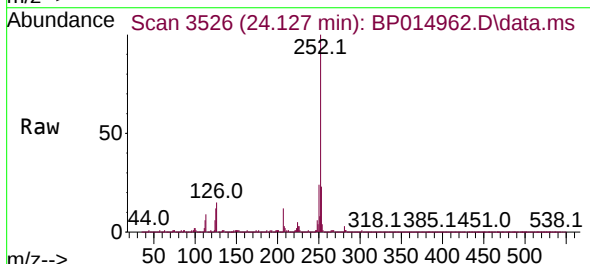
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Upadhyay

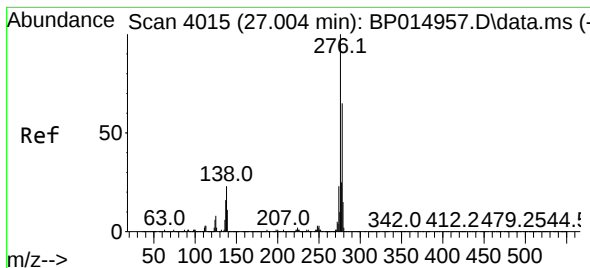
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#93
Benzo(a)pyrene
Concen: 34.162 ng/ul
RT: 24.127 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:252 Resp: 2540518
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 11.7 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 20.460 ng/ul

RT: 27.003 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

Tgt Ion:276 Resp: 1855970

Ion Ratio Lower Upper

276 100

138 20.1 19.4 29.0

277 24.7 19.4 29.2

Manual Integrations

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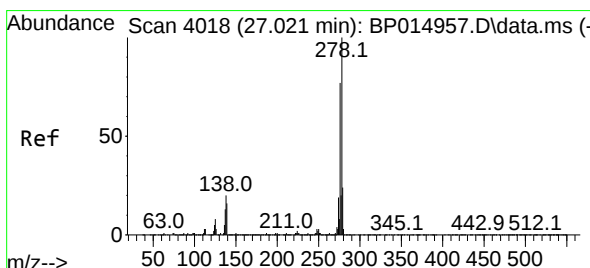
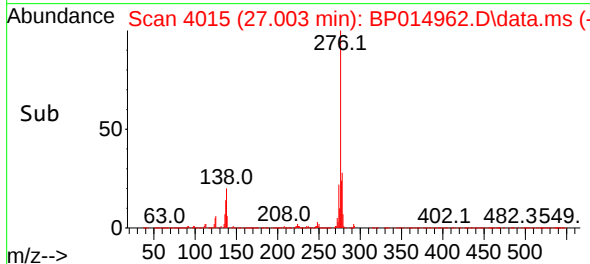
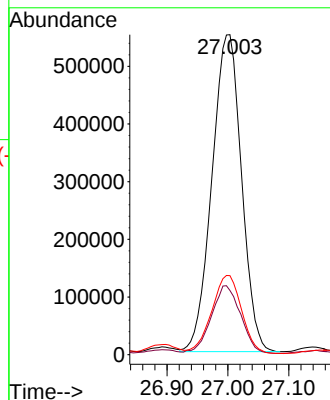
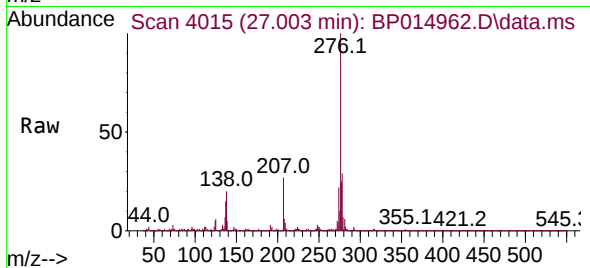
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Supervised By :Jagrut Upadhyay 05/05/2023

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Upadhyay

05/05/2023



#95

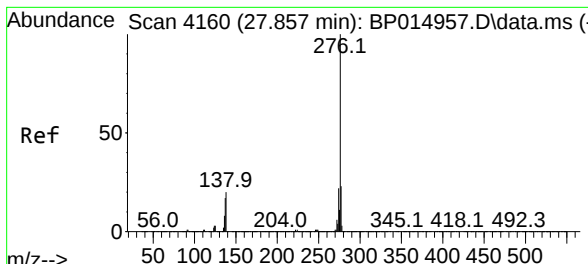
Dibenzo(a,h)anthracene

Concen: 8.052 ng/ul

RT: 27.009 min Scan# 4016

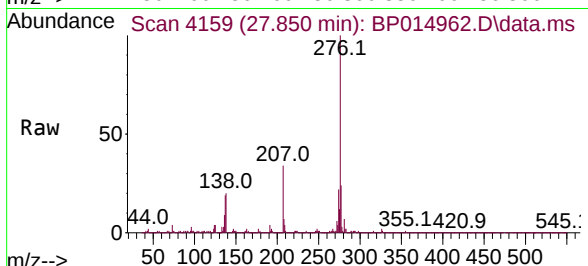
Delta R.T. -0.006 min

</



#96
 Benzo(g,h,i)perylene
 Concen: 20.525 ng/ul
 RT: 27.850 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP014962.D
 Acq: 04 May 2023 20:34

Instrument :
 BNA_P
 ClientSampleId :
 EW937MS

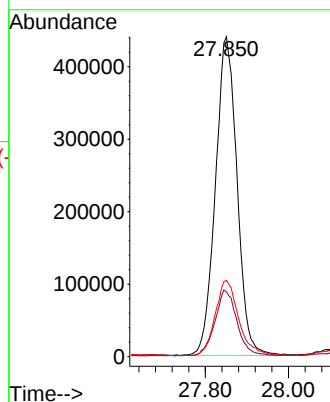
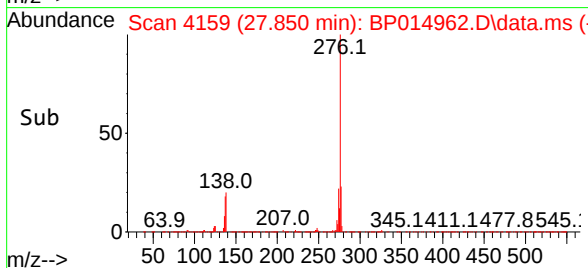


Tgt Ion: 276 Resp: 158465

Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.0	27.0
277	23.9	19.8	29.8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023



05/05/2023
 Supervised By : Jagrut
 Upadhyay
 05/05/2023