

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014306.D
 Acq On : 25 Mar 2023 01:14
 Operator : CG/JU
 Sample : 02021-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JPP-6E-032023MSD

Quant Time: Mar 25 03:25:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	176837	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	681319	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	378459	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	681809	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	493525	20.000	ng	0.00
86) Perylene-d12	24.027	264	528636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1552199	142.350	ng	0.00
7) Phenol-d6	7.193	99	1888541	131.915	ng	0.00
23) Nitrobenzene-d5	9.210	82	1465765	98.329	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	753869	122.857	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2757657	94.403	ng	0.00
79) Terphenyl-d14	19.975	244	3098433	103.524	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	188887	39.874	ng	# 32
3) Pyridine	3.870	79	391983	29.797	ng	94
4) n-Nitrosodimethylamine	3.770	42	261524	44.786	ng	98
6) Aniline	7.358	93	394467	20.976	ng	97
8) 2-Chlorophenol	7.593	128	555611	47.575	ng	94
9) Benzaldehyde	7.169	77	224670	31.360	ng	98
10) Phenol	7.222	94	657756	44.145	ng	99
11) bis(2-Chloroethyl)ether	7.452	93	578763	49.058	ng	99
12) 1,3-Dichlorobenzene	7.916	146	566476	44.140	ng	99
13) 1,4-Dichlorobenzene	8.063	146	581037	44.752	ng	99
14) 1,2-Dichlorobenzene	8.387	146	563637	45.325	ng	98
15) Benzyl Alcohol	8.281	79	586146	50.217	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.563	45	729754	56.817	ng	96
17) 2-Methylphenol	8.481	107	480643	45.231	ng	98
18) Hexachloroethane	9.116	117	223215	45.765	ng	97
19) n-Nitroso-di-n-propyla...	8.846	70	476933	50.613	ng	98
20) 3+4-Methylphenols	8.810	107	634950	44.367	ng	100
22) Acetophenone	8.863	105	911666	47.704	ng	98
24) Nitrobenzene	9.252	77	724294	47.487	ng	96
25) Isophorone	9.775	82	1256156	45.733	ng	98
26) 2-Nitrophenol	9.963	139	298443	44.984	ng	96
27) 2,4-Dimethylphenol	10.022	122	498909	46.250	ng	97
28) bis(2-Chloroethoxy)met...	10.257	93	749853	47.168	ng	98
29) 2,4-Dichlorophenol	10.505	162	527796	44.697	ng	98
30) 1,2,4-Trichlorobenzene	10.710	180	575979	42.964	ng	98
31) Naphthalene	10.904	128	1645746	43.960	ng	99
32) Benzoic acid	10.187	122	263893	30.560	ng	97
33) 4-Chloroaniline	11.034	127	140727	8.769	ng	97
34) Hexachlorobutadiene	11.175	225	388320	39.841	ng	99
35) Caprolactam	11.828	113	115000	34.023	ng	# 86
36) 4-Chloro-3-methylphenol	12.140	107	580493	44.078	ng	96
37) 2-Methylnaphthalene	12.504	142	1140808	41.304	ng	98
38) 1-Methylnaphthalene	12.722	142	1061741	41.240	ng	99
40) 1,2,4,5-Tetrachloroben...	12.869	216	685487	47.518	ng	98
41) Hexachlorocyclopentadiene	12.846	237	925548	102.234	ng	99
43) 2,4,6-Trichlorophenol	13.110	196	421985	46.278	ng	99

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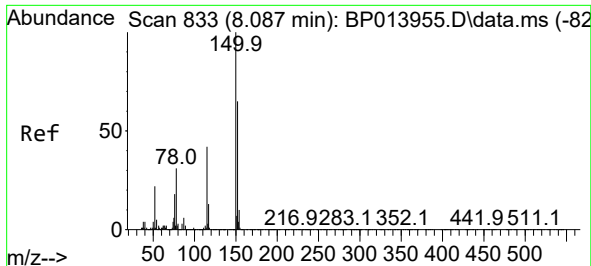
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.187	196	450426	42.629	ng	98
46) 1,1'-Biphenyl	13.510	154	1510304	49.578	ng	98
47) 2-Chloronaphthalene	13.551	162	1152418	49.142	ng	99
48) 2-Nitroaniline	13.763	65	358061	50.311	ng	93
49) Acenaphthylene	14.398	152	1723618	46.218	ng	100
50) Dimethylphthalate	14.134	163	1350838	43.265	ng	100
51) 2,6-Dinitrotoluene	14.257	165	293879	44.696	ng	97
52) Acenaphthene	14.740	154	1042577	46.441	ng	100
53) 3-Nitroaniline	14.593	138	202156	31.373	ng	91
54) 2,4-Dinitrophenol	14.798	184	377658	77.564	ng	93
55) Dibenzofuran	15.075	168	1644233	44.926	ng	99
56) 4-Nitrophenol	14.898	139	392100	74.726	ng	92
57) 2,4-Dinitrotoluene	15.045	165	381152	43.367	ng	98
58) Fluorene	15.728	166	1289250	44.364	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.304	232	367498	39.868	ng	94
60) Diethylphthalate	15.487	149	1270953	41.229	ng	99
61) 4-Chlorophenyl-phenyle...	15.716	204	689096	41.829	ng	98
62) 4-Nitroaniline	15.757	138	237607	37.033	ng	91
63) Azobenzene	16.010	77	1373669	48.156	ng	96
65) 4,6-Dinitro-2-methylph...	15.810	198	223499	44.256	ng	95
66) n-Nitrosodiphenylamine	15.934	169	1074135	49.856	ng	99
67) 4-Bromophenyl-phenylether	16.616	248	412329	45.720	ng	97
68) Hexachlorobenzene	16.734	284	467749	48.387	ng	99
69) Atrazine	16.887	200	337179	44.576	ng	99
70) Pentachlorophenol	17.081	266	550612	78.977	ng	98
71) Phenanthrene	17.475	178	1798497	47.218	ng	99
72) Anthracene	17.569	178	1796158	46.152	ng	99
73) Carbazole	17.839	167	1500574	44.698	ng	99
74) Di-n-butylphthalate	18.369	149	1826393	43.512	ng	100
75) Fluoranthene	19.433	202	1833443	40.272	ng	97
77) Benzidine	19.616	184	331628	32.195	ng	98
78) Pyrene	19.786	202	1863445	49.194	ng	100
80) Butylbenzylphthalate	20.645	149	710196	49.453	ng	100
81) Benzo(a)anthracene	21.498	228	1675162	46.260	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	473949	40.904	ng	100
83) Chrysene	21.551	228	1579916	46.071	ng	99
84) Bis(2-ethylhexyl)phtha...	21.392	149	1014089	48.134	ng	98
85) Di-n-octyl phthalate	22.357	149	1649902	48.245	ng	97
87) Indeno(1,2,3-cd)pyrene	26.680	276	2222346	54.408	ng	98
88) Benzo(b)fluoranthene	23.257	252	1655823	47.835	ng	99
89) Benzo(k)fluoranthene	23.310	252	1672402	48.729	ng	# 98
90) Benzo(a)pyrene	23.921	252	1468435	44.475	ng	98
91) Dibenzo(a,h)anthracene	26.692	278	1861971	54.832	ng	99
92) Benzo(g,h,i)perylene	27.492	276	1866031	55.450	ng	99

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

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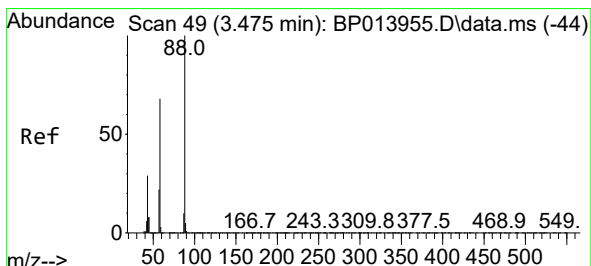
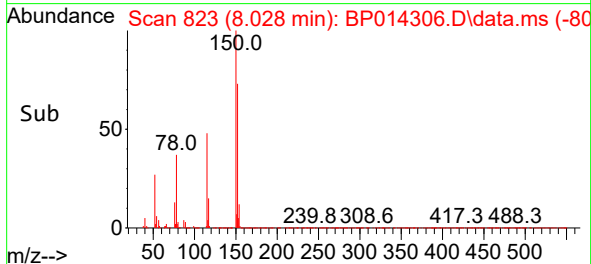
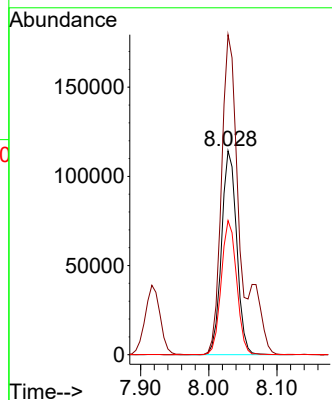
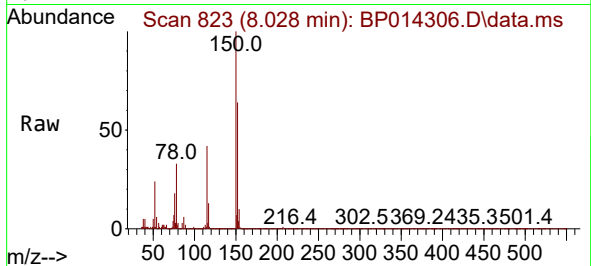




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014306.D
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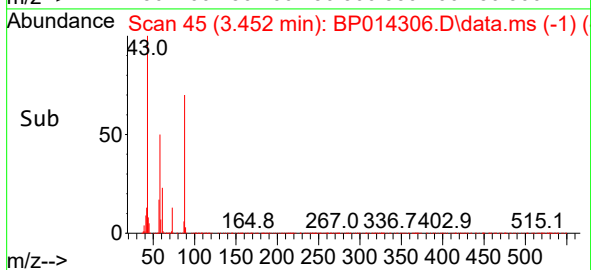
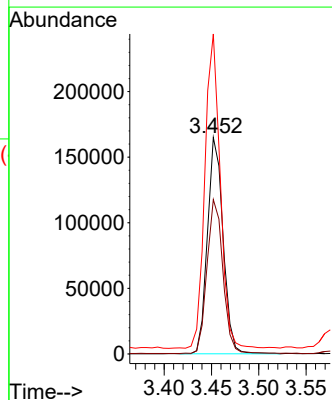
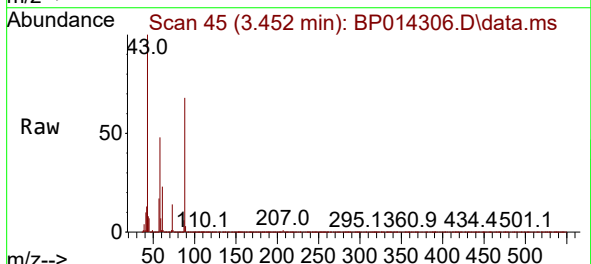
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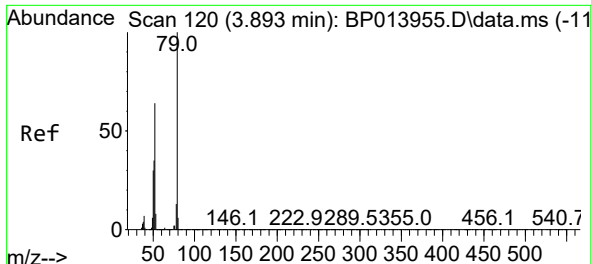
Tgt Ion:152 Resp: 176837
Ion Ratio Lower Upper
152 100
150 157.0 122.3 183.5
115 65.8 51.6 77.4



#2
1,4-Dioxane
Concen: 39.874 ng
RT: 3.452 min Scan# 45
Delta R.T. 0.012 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion: 88 Resp: 188887
Ion Ratio Lower Upper
88 100
58 72.5 53.8 80.8
43 142.5 22.1 33.1#

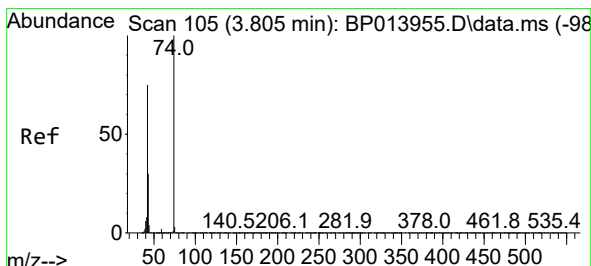
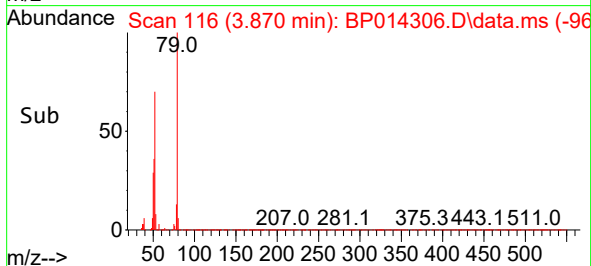
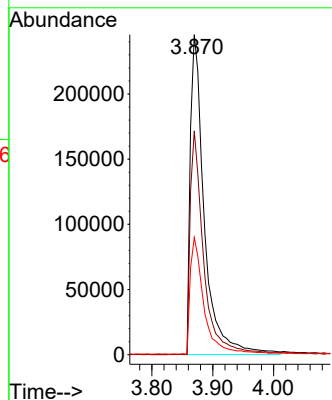
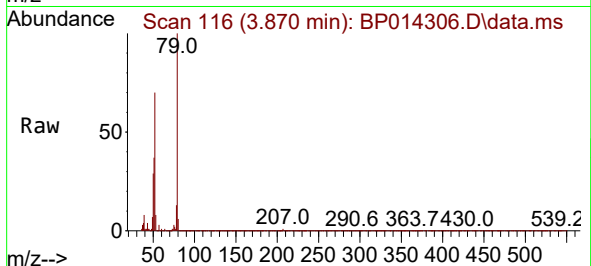




#3
Pyridine
Concen: 29.797 ng
RT: 3.870 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

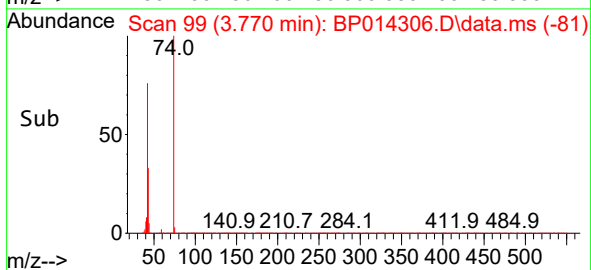
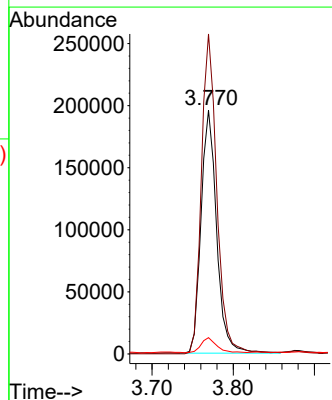
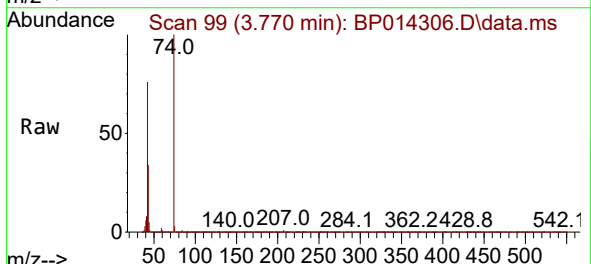
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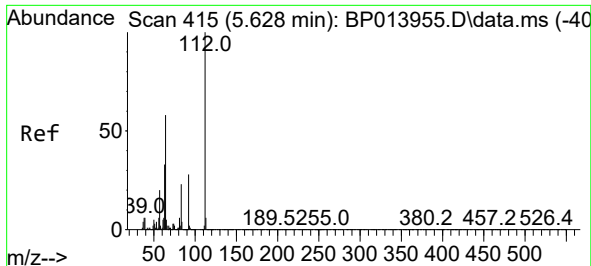
Tgt Ion: 79 Resp: 391983
Ion Ratio Lower Upper
79 100
52 70.0 51.0 76.4
51 36.6 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 44.786 ng
RT: 3.770 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion: 42 Resp: 261524
Ion Ratio Lower Upper
42 100
74 131.3 107.0 160.6
44 6.7 4.5 6.7

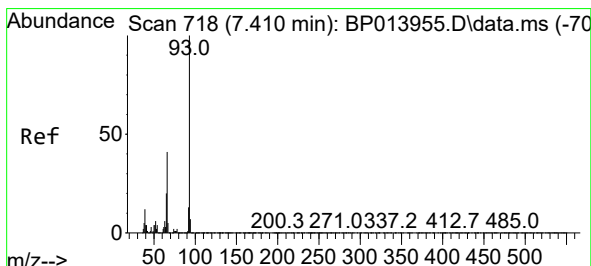
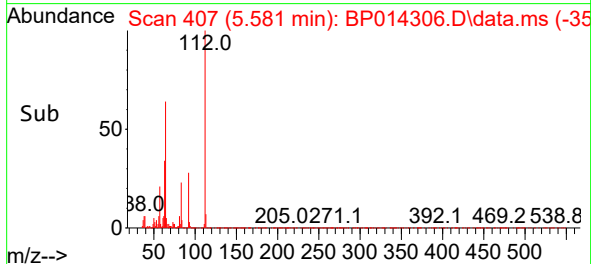
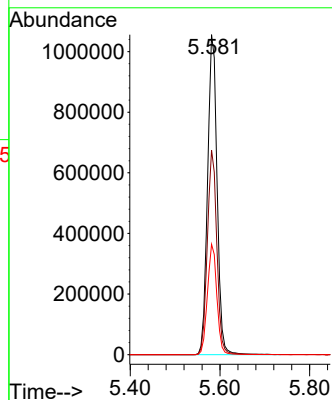
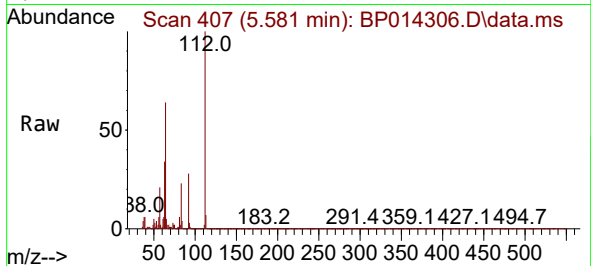




#5
2-Fluorophenol
Concen: 142.350 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

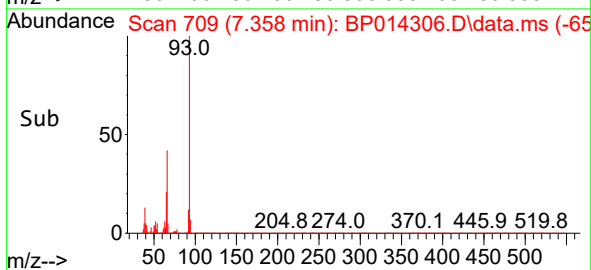
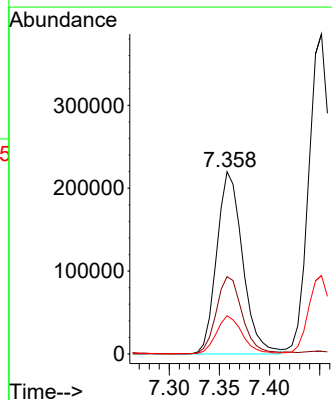
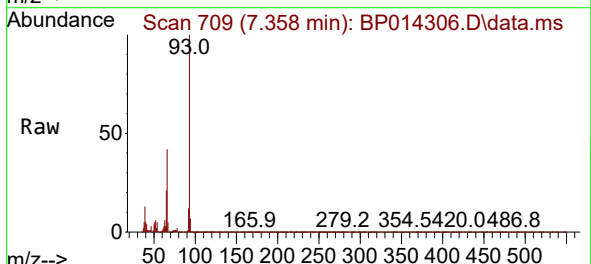
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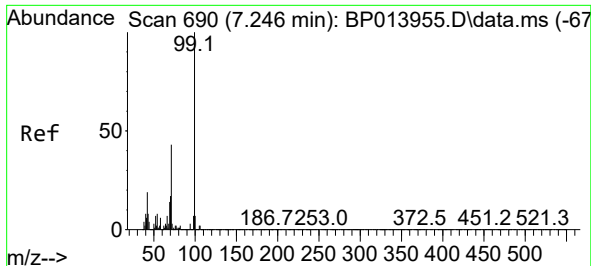
Tgt Ion:112 Resp: 1552199
Ion Ratio Lower Upper
112 100
64 63.9 46.7 70.1
63 34.5 26.6 40.0



#6
Aniline
Concen: 20.976 ng
RT: 7.358 min Scan# 709
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion: 93 Resp: 394467
Ion Ratio Lower Upper
93 100
66 42.4 32.6 48.8
65 21.0 16.0 24.0

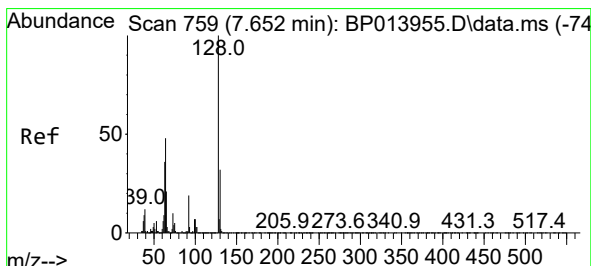
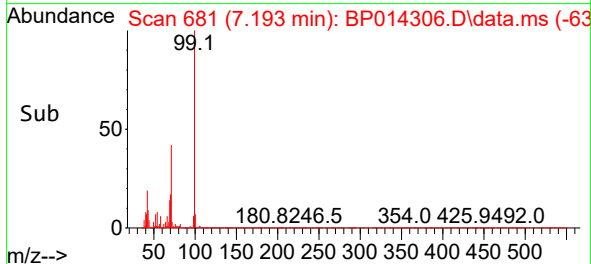
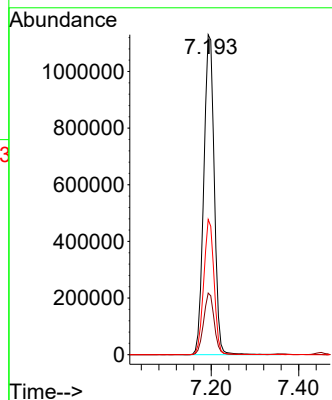
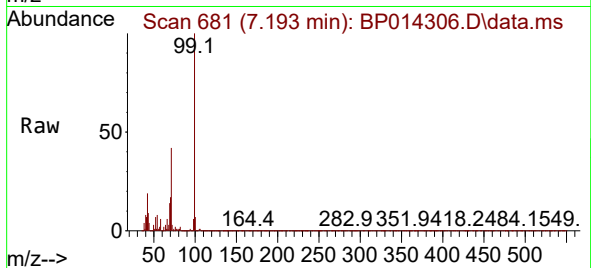




#7
Phenol-d6
Concen: 131.915 ng
RT: 7.193 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

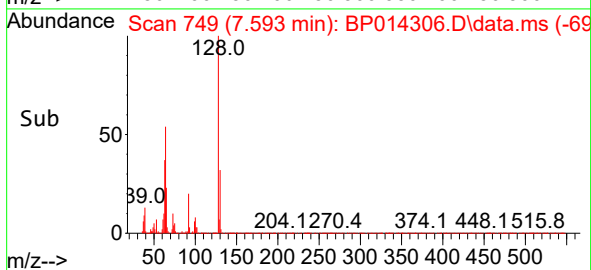
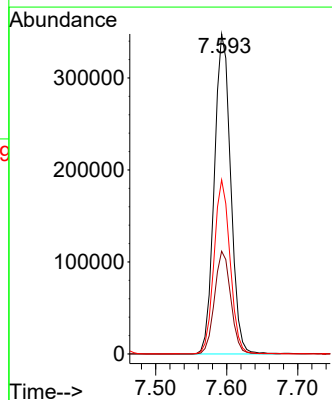
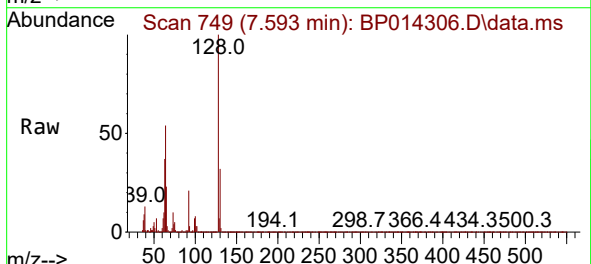
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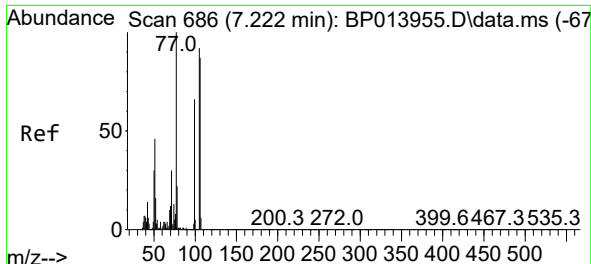
Tgt Ion: 99 Resp: 1888541
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.6
71 42.3 34.3 51.5



#8
2-Chlorophenol
Concen: 47.575 ng
RT: 7.593 min Scan# 749
Delta R.T. 0.000 min
Lab File: BP014306.D
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Tgt Ion: 128 Resp: 555611
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 54.4 27.6 67.6

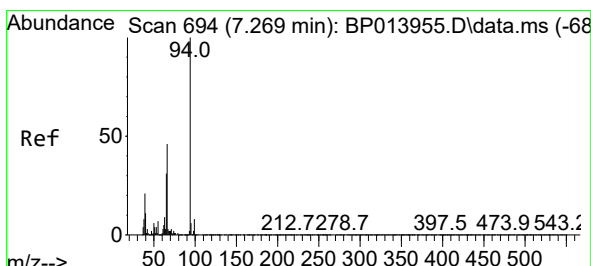
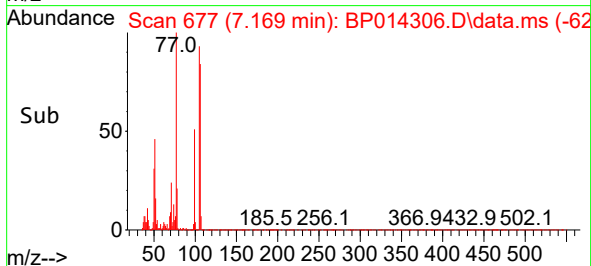
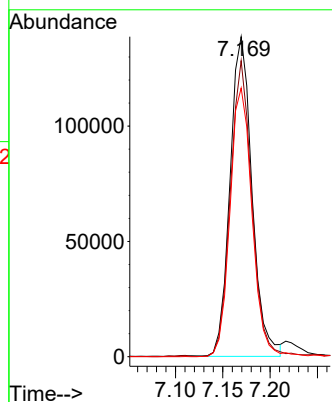
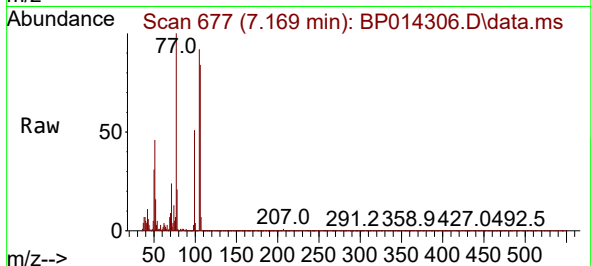




#9
Benzaldehyde
Concen: 31.360 ng
RT: 7.169 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014306.D
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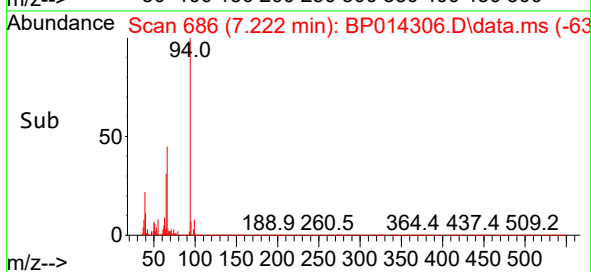
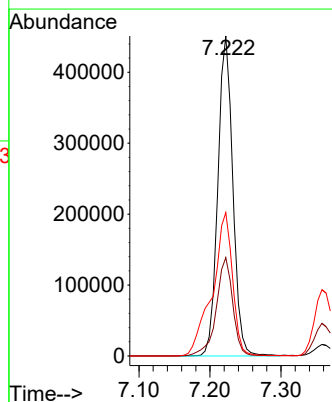
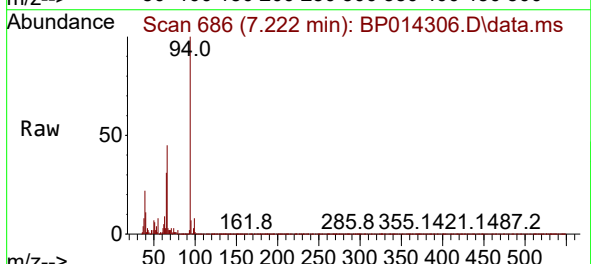
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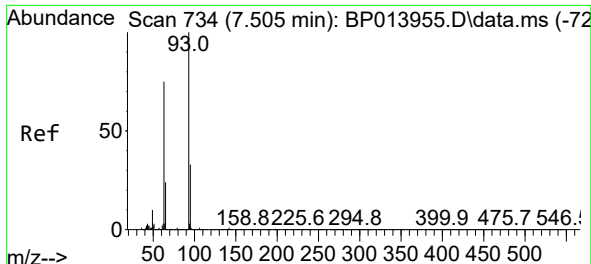
Tgt Ion: 77 Resp: 224670
Ion Ratio Lower Upper
77 100
105 92.5 72.4 112.4
106 83.9 66.9 106.9



#10
Phenol
Concen: 44.145 ng
RT: 7.222 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP014306.D
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Tgt Ion: 94 Resp: 657756
Ion Ratio Lower Upper
94 100
65 30.8 10.9 50.9
66 44.8 26.1 66.1

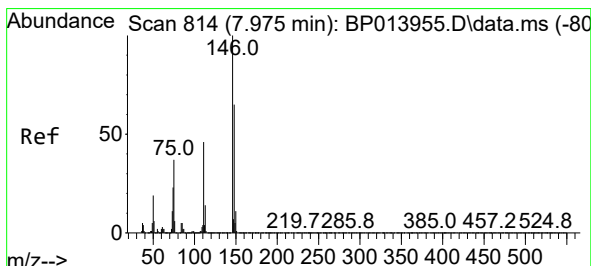
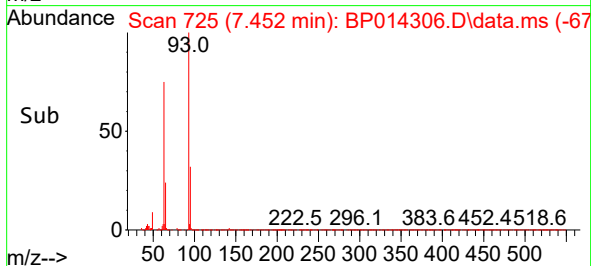
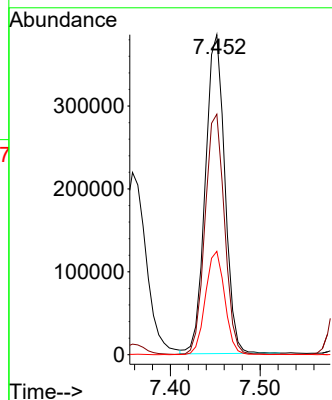
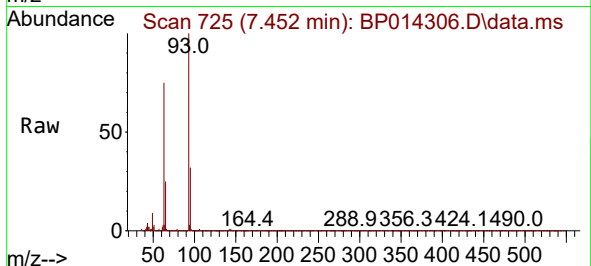




#11
bis(2-Chloroethyl)ether
Concen: 49.058 ng
RT: 7.452 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

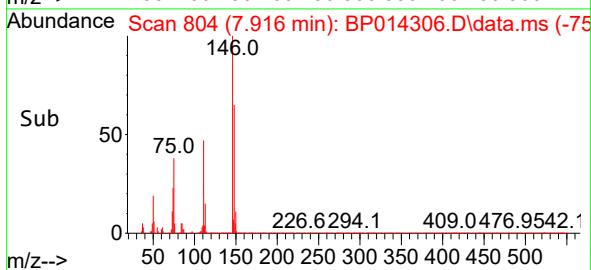
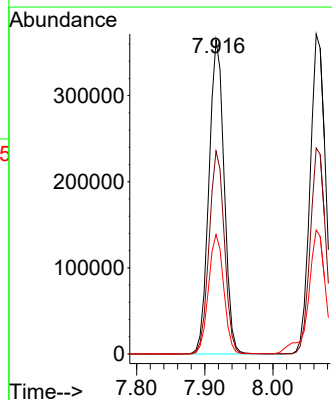
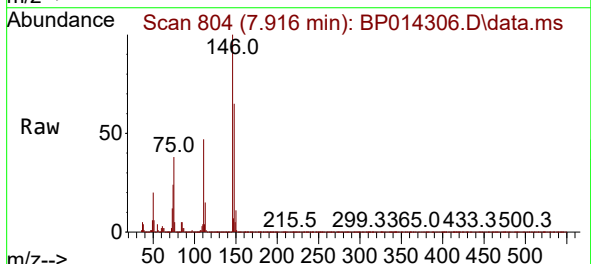
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

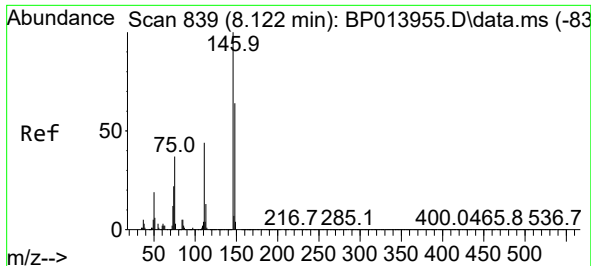
Tgt Ion: 93 Resp: 578763
Ion Ratio Lower Upper
93 100
63 75.2 54.2 94.2
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.140 ng
RT: 7.916 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:146 Resp: 566476
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 38.0 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 44.752 ng

RT: 8.063 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

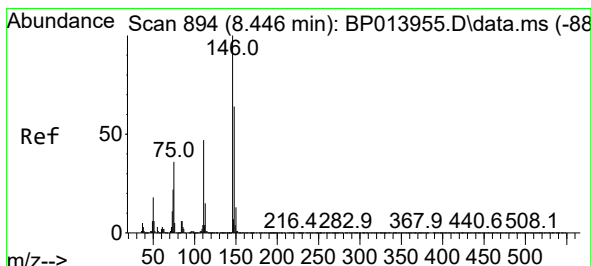
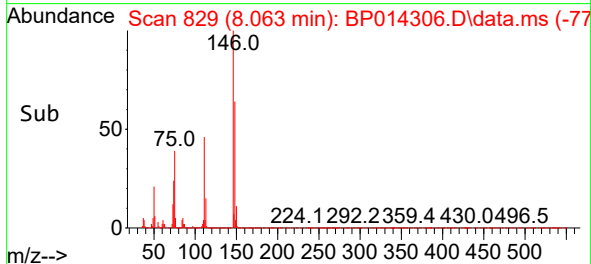
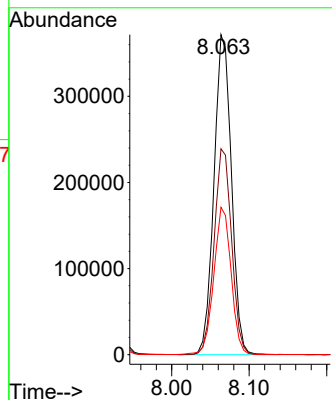
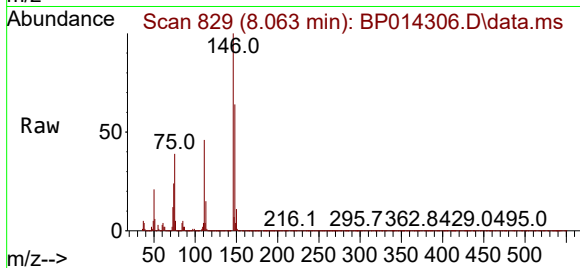
Tgt Ion:146 Resp: 581037

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 46.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.325 ng

RT: 8.387 min Scan# 884

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

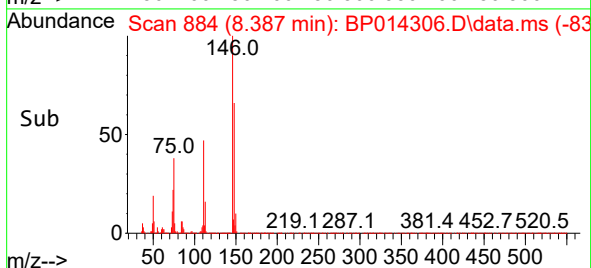
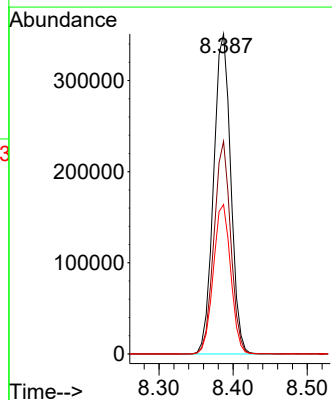
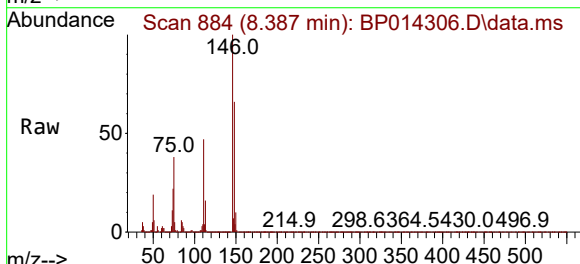
Tgt Ion:146 Resp: 563637

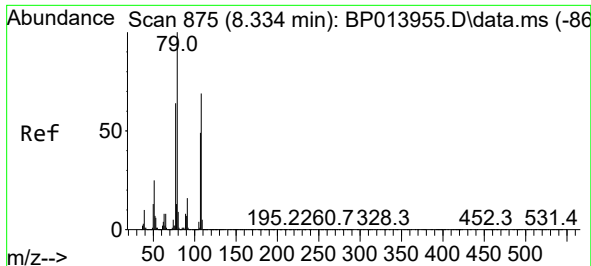
Ion Ratio Lower Upper

146 100

148 66.5 51.4 77.0

111 46.7 37.2 55.8

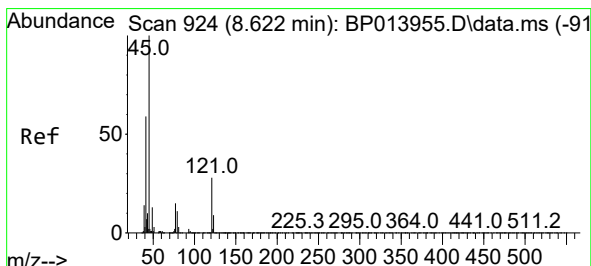
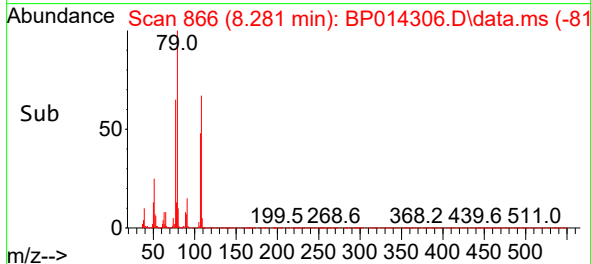
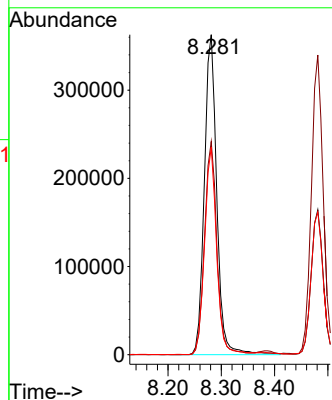
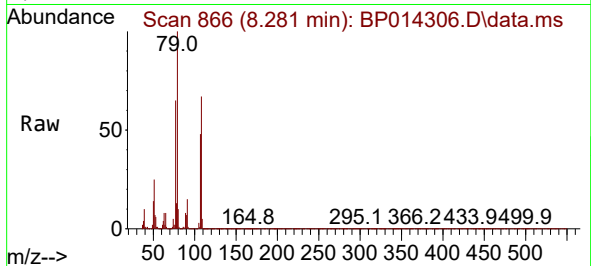




#15
Benzyl Alcohol
Concen: 50.217 ng
RT: 8.281 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

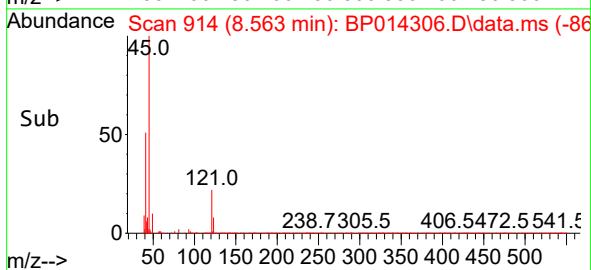
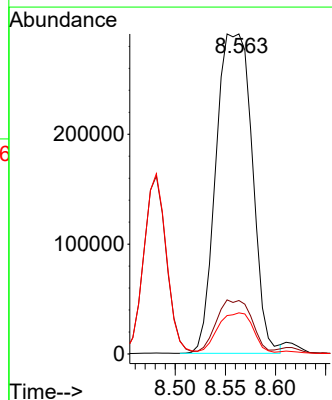
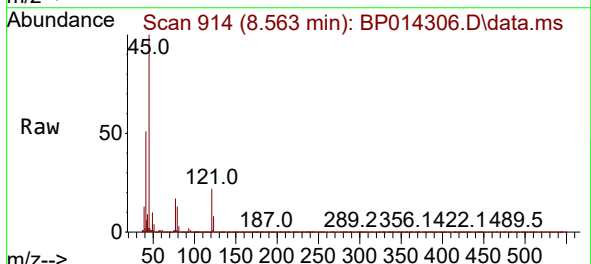
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

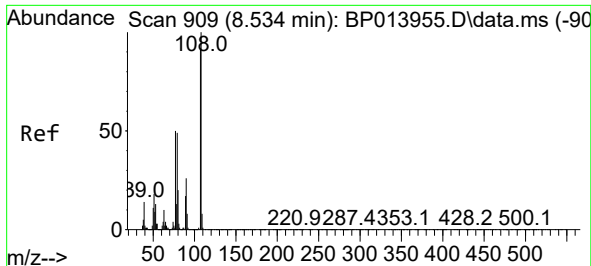
Tgt Ion: 79 Resp: 586146
Ion Ratio Lower Upper
79 100
108 66.6 54.9 82.3
77 64.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.817 ng
RT: 8.563 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion: 45 Resp: 729754
Ion Ratio Lower Upper
45 100
77 16.7 0.0 38.7
79 12.9 0.0 34.4

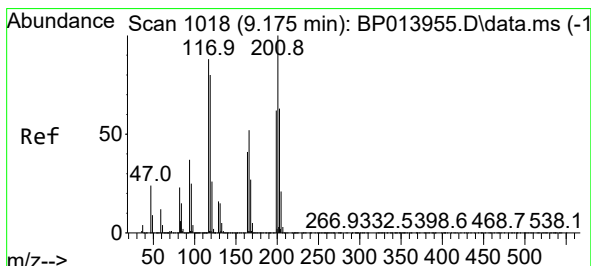
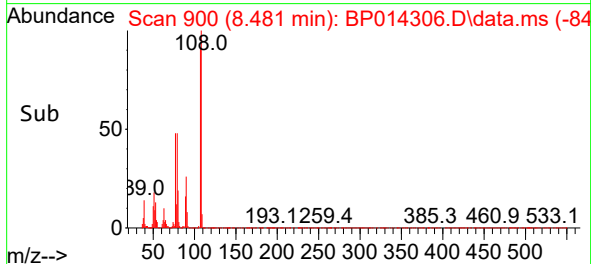
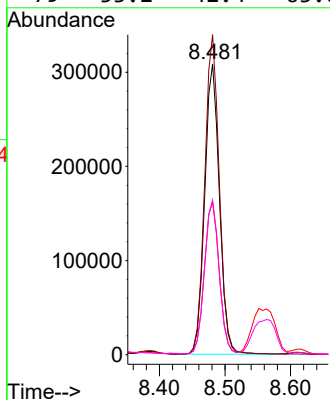
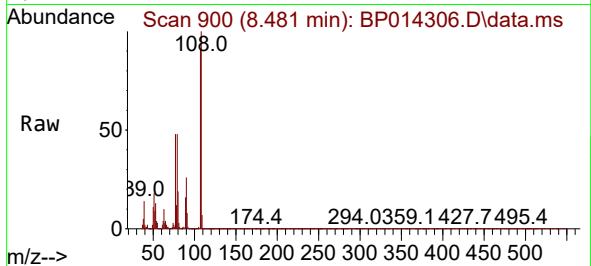




#17
2-Methylphenol
Concen: 45.231 ng
RT: 8.481 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

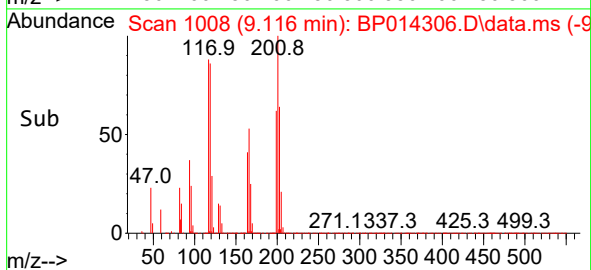
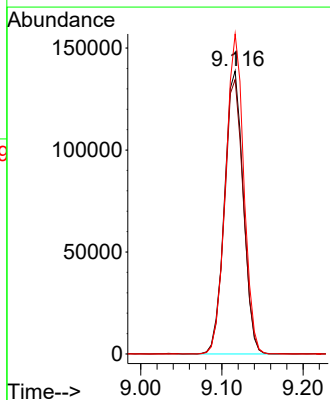
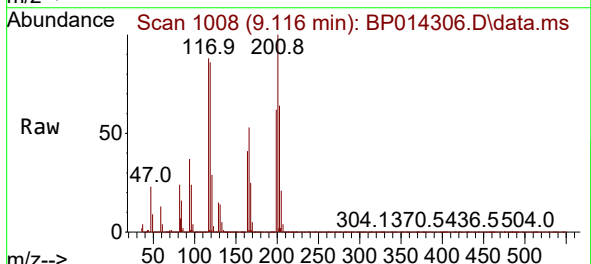
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

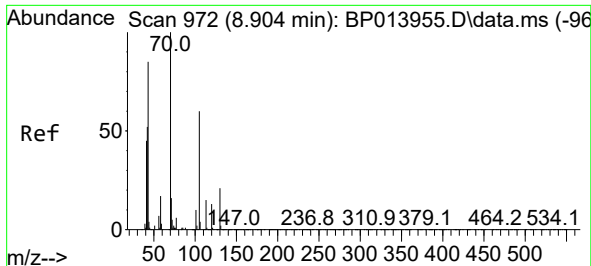
Tgt Ion:107 Resp: 480643
Ion Ratio Lower Upper
107 100
108 110.0 87.0 130.4
77 52.4 44.0 66.0
79 53.2 42.4 63.6



#18
Hexachloroethane
Concen: 45.765 ng
RT: 9.116 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

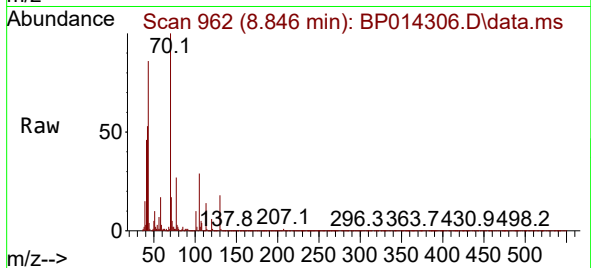
Tgt Ion:117 Resp: 223215
Ion Ratio Lower Upper
117 100
119 97.0 73.3 109.9
201 113.0 91.1 136.7



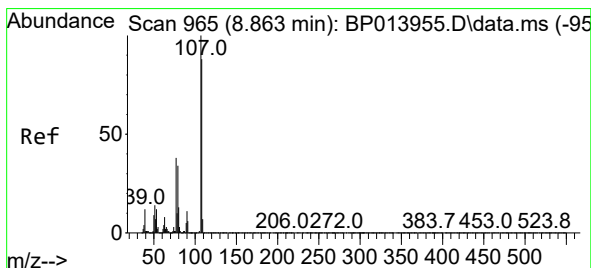
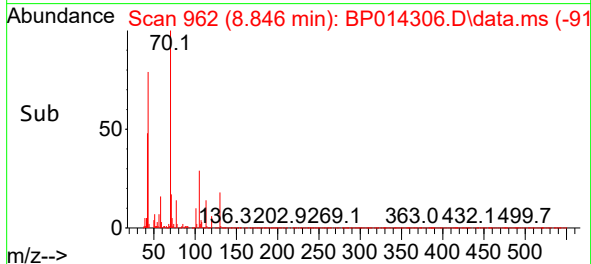
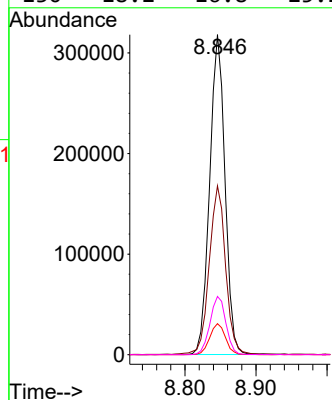


#19
n-Nitroso-di-n-propylamine
Concen: 50.613 ng
RT: 8.846 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

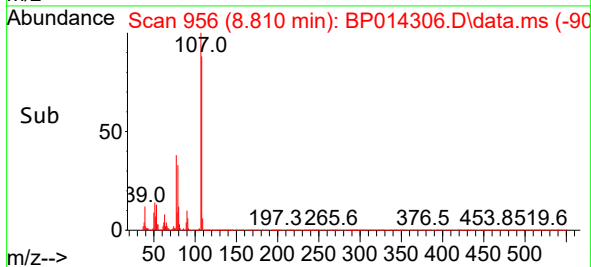
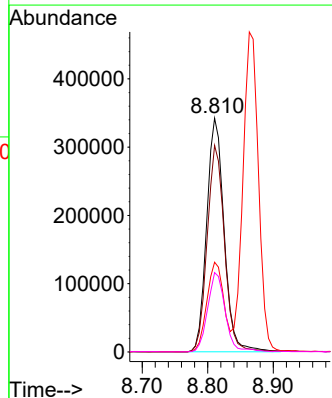
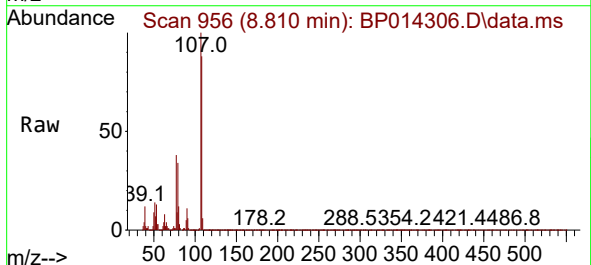


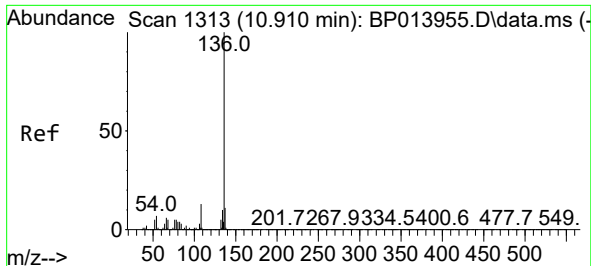
Tgt Ion: 70 Resp: 476933
Ion Ratio Lower Upper
70 100
42 52.8 42.4 63.6
101 9.7 8.2 12.4
130 18.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 44.367 ng
RT: 8.810 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion: 107 Resp: 634950
Ion Ratio Lower Upper
107 100
108 88.4 68.2 108.2
77 38.4 18.1 58.1
79 33.9 14.0 54.0

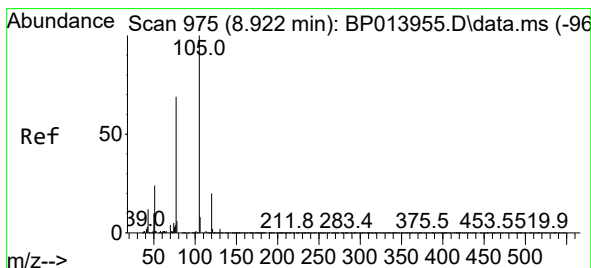
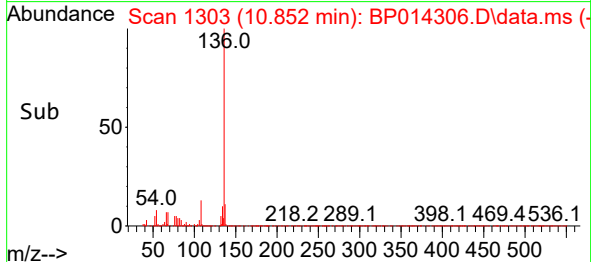
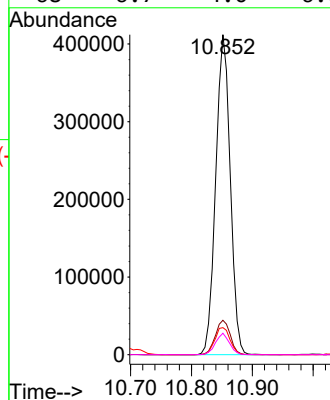
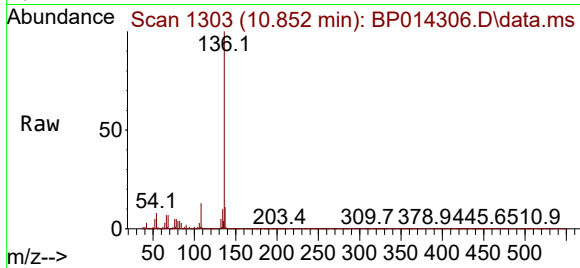




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

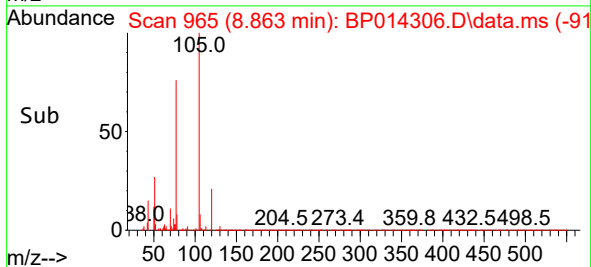
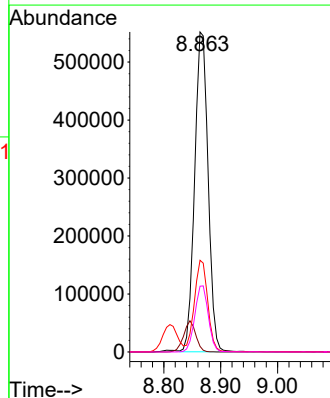
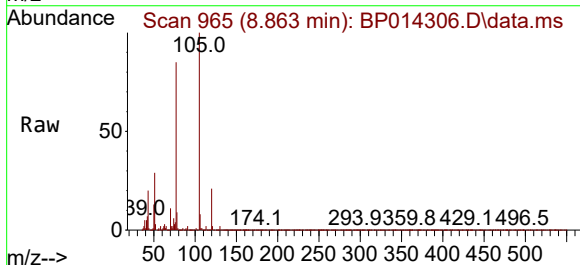
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

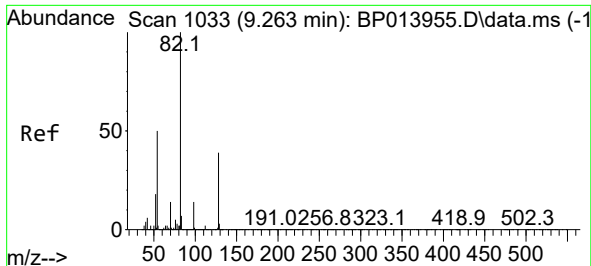
Tgt Ion:136 Resp: 681319
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.5 5.8 8.8
68 6.7 4.0 6.0#



#22
Acetophenone
Concen: 47.704 ng
RT: 8.863 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:105 Resp: 911666
Ion Ratio Lower Upper
105 100
71 1.8 1.4 2.0
51 28.7 21.5 32.3
120 20.5 16.2 24.4

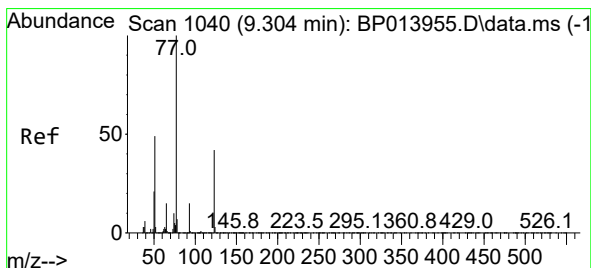
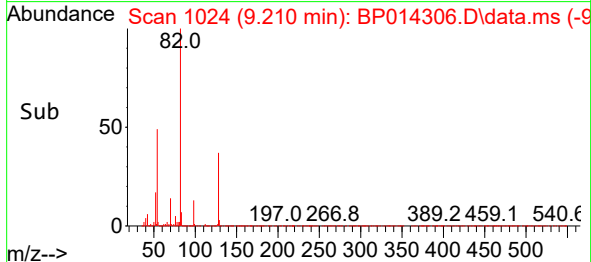
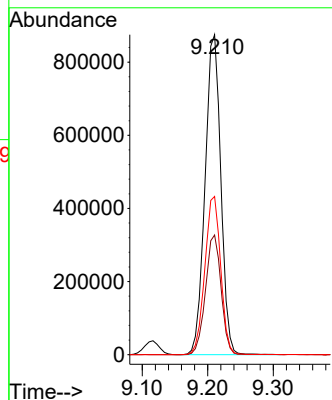
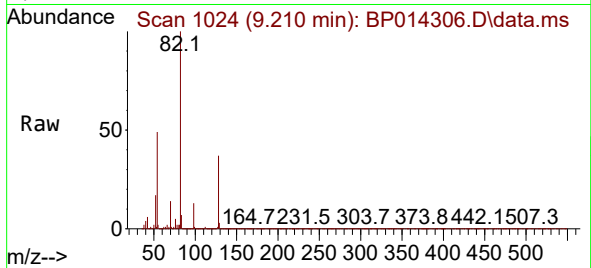




#23
Nitrobenzene-d5
Concen: 98.329 ng
RT: 9.210 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

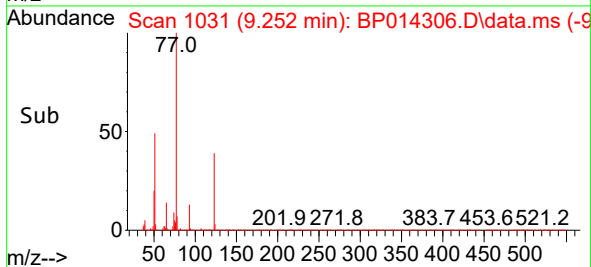
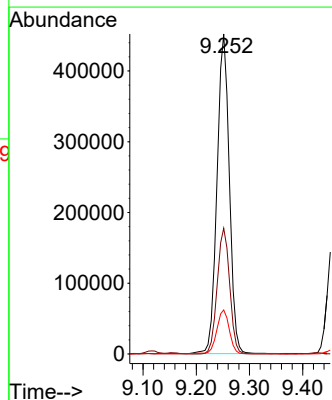
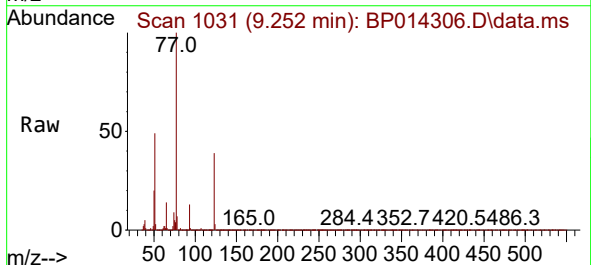
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

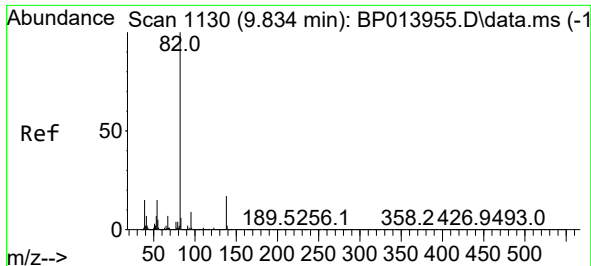
Tgt Ion: 82 Resp: 1465765
Ion Ratio Lower Upper
82 100
128 37.4 31.1 46.7
54 49.5 40.0 60.0



#24
Nitrobenzene
Concen: 47.487 ng
RT: 9.252 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion: 77 Resp: 724294
Ion Ratio Lower Upper
77 100
123 39.3 33.6 50.4
65 13.8 11.6 17.4

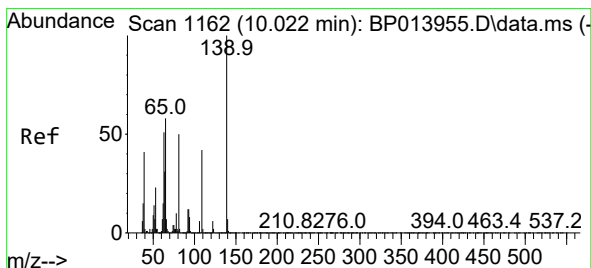
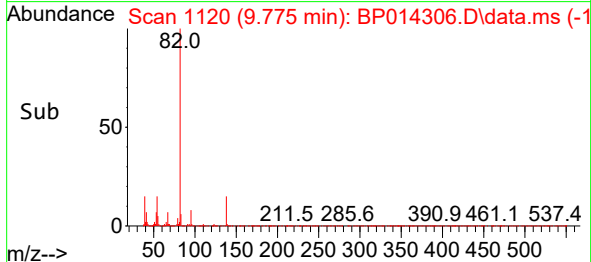
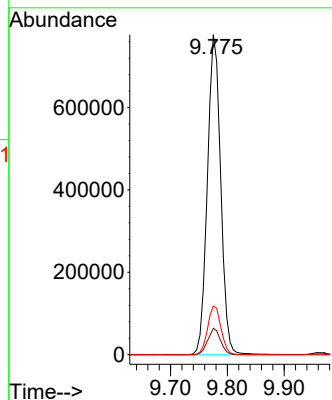
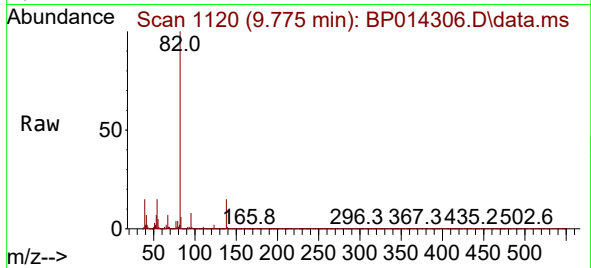




#25
Isophorone
Concen: 45.733 ng
RT: 9.775 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

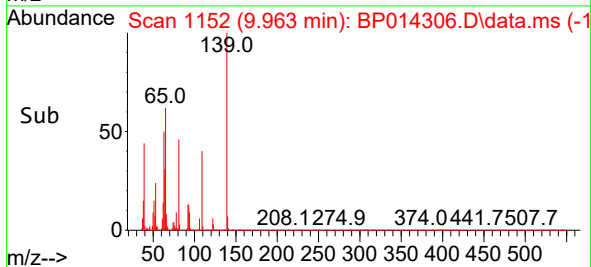
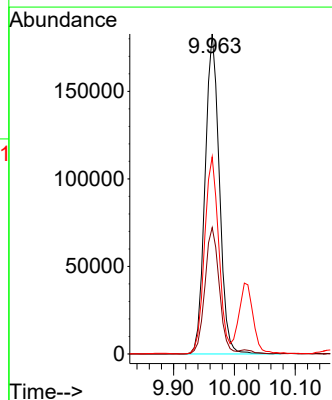
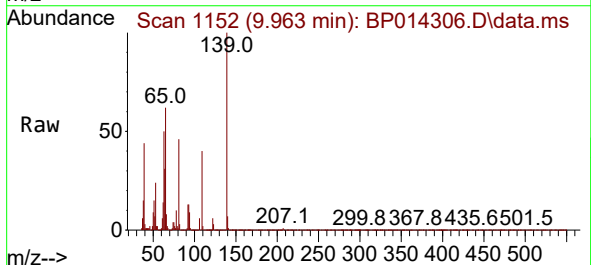
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

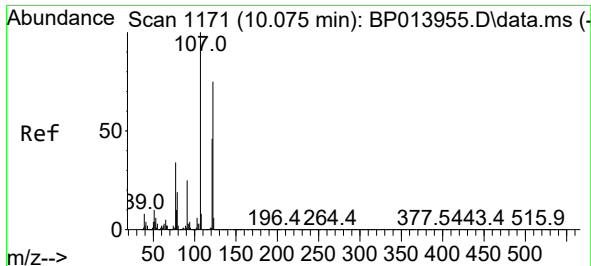
Tgt Ion: 82 Resp: 1256156
Ion Ratio Lower Upper
82 100
95 8.2 6.9 10.3
138 15.2 13.3 19.9



#26
2-Nitrophenol
Concen: 44.984 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:139 Resp: 298443
Ion Ratio Lower Upper
139 100
109 39.5 33.8 50.8
65 61.6 46.6 70.0





#27

2,4-Dimethylphenol

Concen: 46.250 ng

RT: 10.022 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

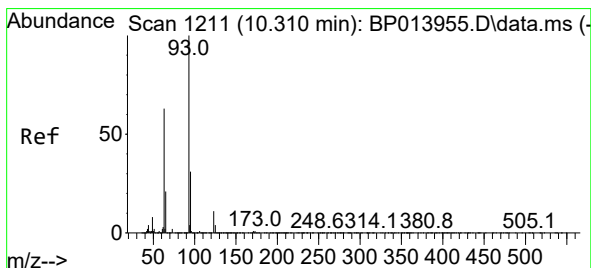
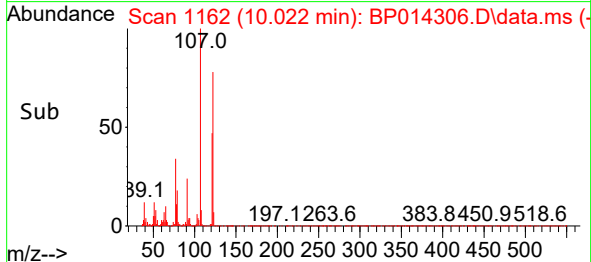
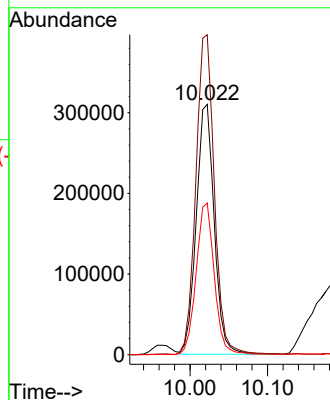
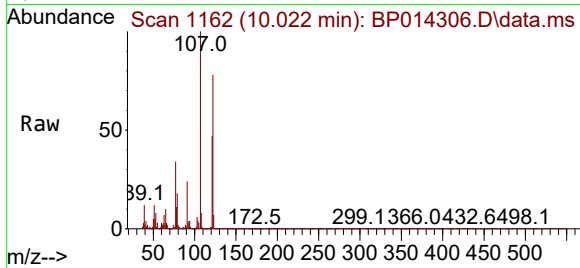
Tgt Ion:122 Resp: 498909

Ion Ratio Lower Upper

122 100

107 127.9 105.9 158.9

121 60.6 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 47.168 ng

RT: 10.257 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

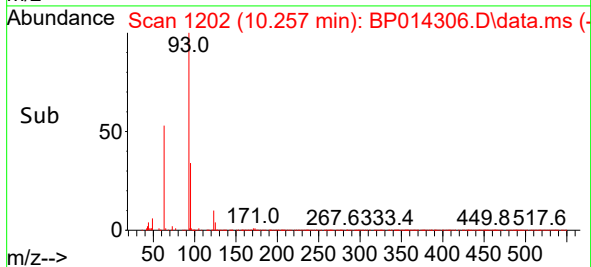
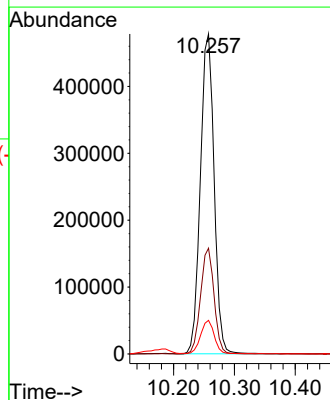
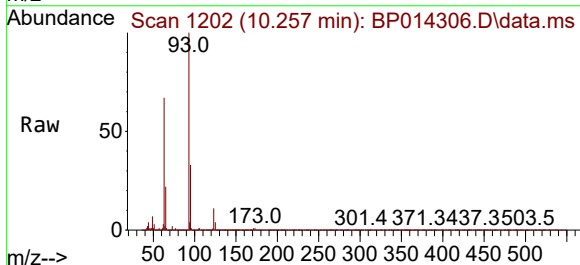
Tgt Ion: 93 Resp: 749853

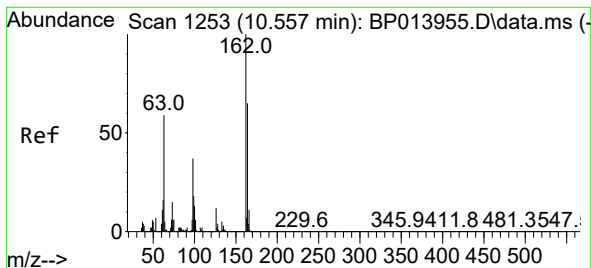
Ion Ratio Lower Upper

93 100

95 33.1 25.0 37.6

123 10.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 44.697 ng

RT: 10.505 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

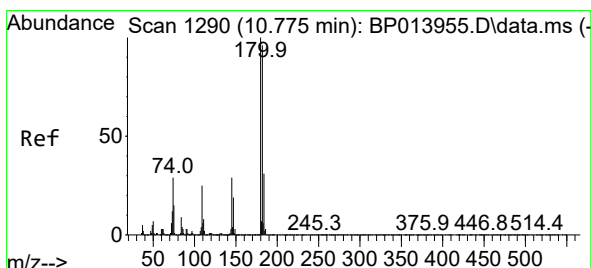
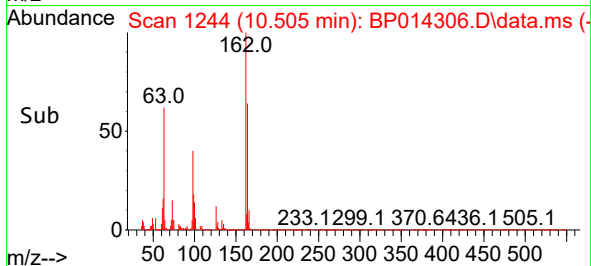
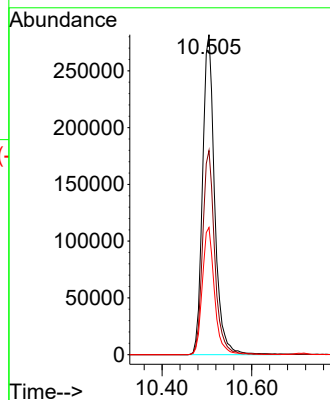
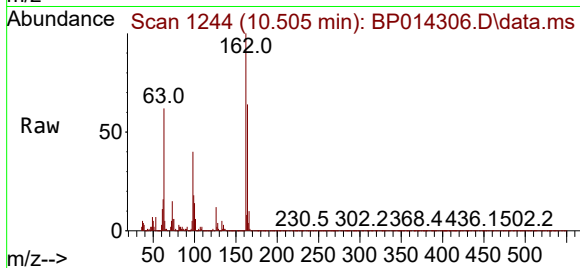
Tgt Ion:162 Resp: 527796

Ion Ratio Lower Upper

162 100

164 63.8 44.7 84.7

98 39.8 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 42.964 ng

RT: 10.710 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

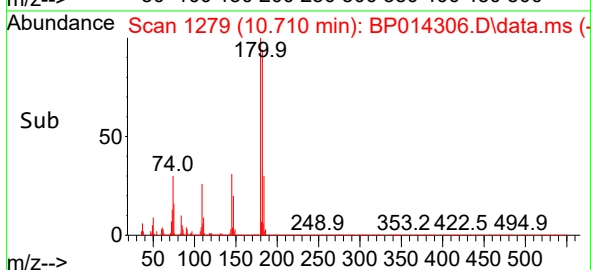
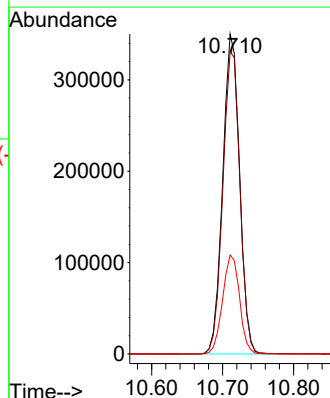
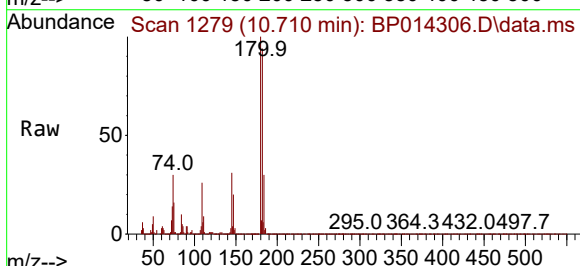
Tgt Ion:180 Resp: 575979

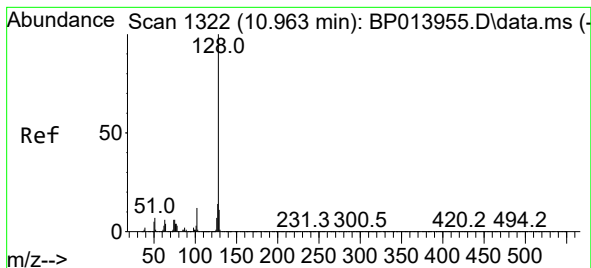
Ion Ratio Lower Upper

180 100

182 94.4 76.6 114.8

145 30.9 23.5 35.3





#31

Naphthalene

Concen: 43.960 ng

RT: 10.904 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

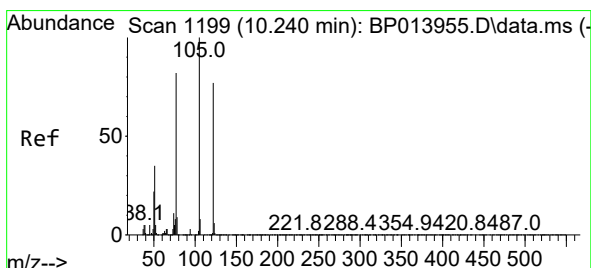
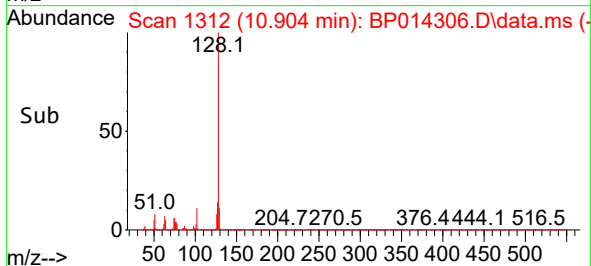
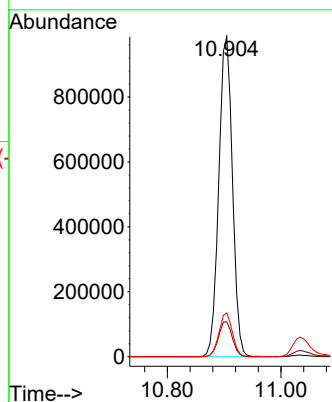
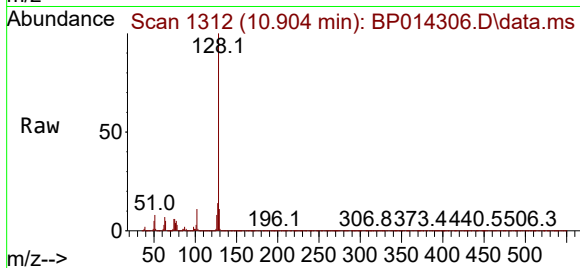
Tgt Ion:128 Resp: 1645746

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.7 11.2 16.8



#32

Benzoic acid

Concen: 30.560 ng

RT: 10.187 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

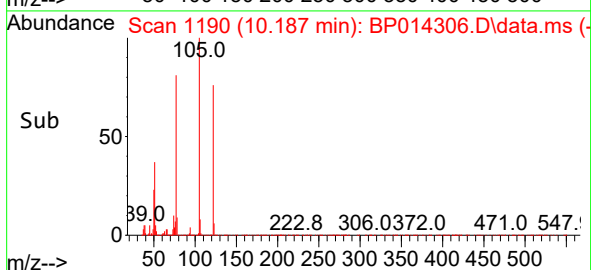
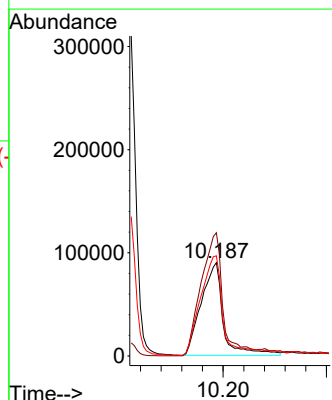
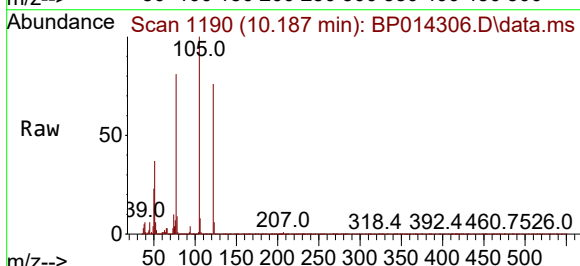
Tgt Ion:122 Resp: 263893

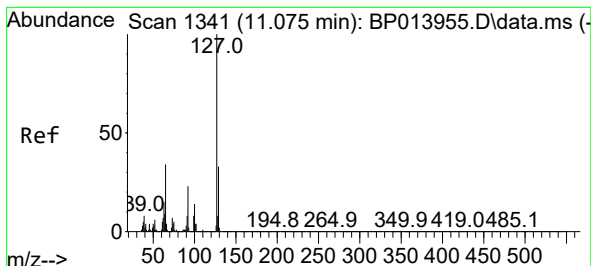
Ion Ratio Lower Upper

122 100

105 132.2 108.2 148.2

77 107.5 85.2 125.2





#33

4-Chloroaniline

Concen: 8.769 ng

RT: 11.034 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

Tgt Ion:127 Resp: 140727

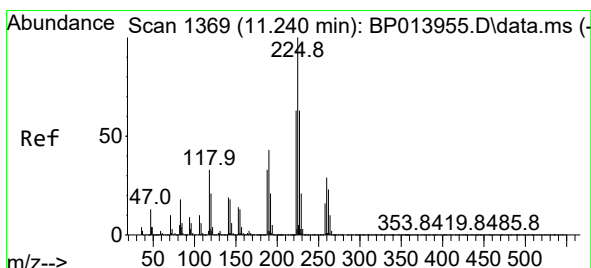
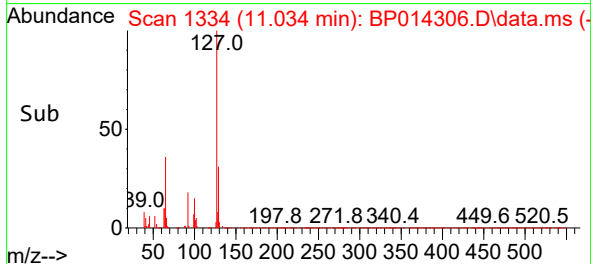
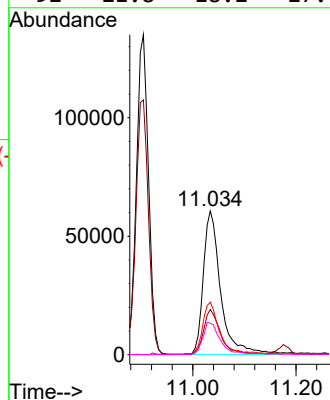
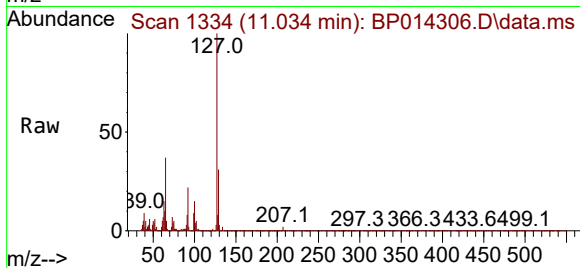
Ion Ratio Lower Upper

127 100

129 31.4 26.2 39.2

65 36.6 27.0 40.4

92 21.8 18.2 27.4



#34

Hexachlorobutadiene

Concen: 39.841 ng

RT: 11.175 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

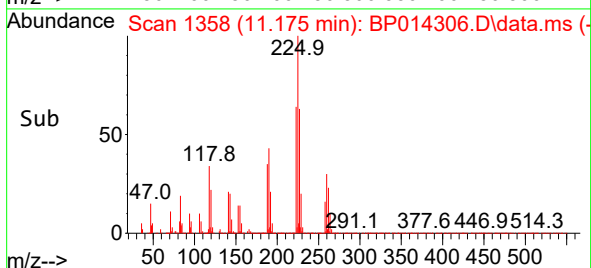
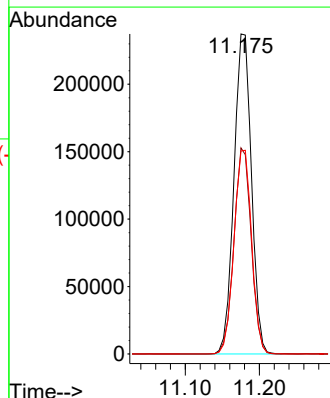
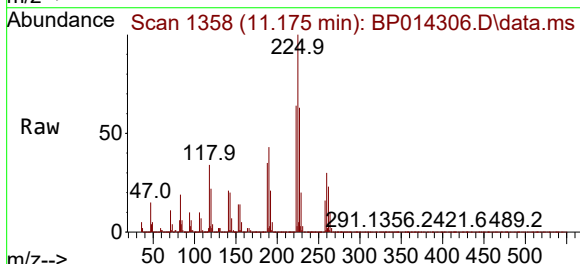
Tgt Ion:225 Resp: 388320

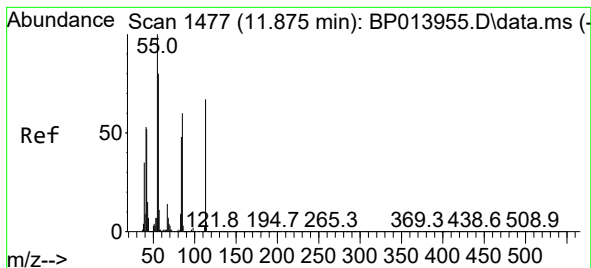
Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

227 63.4 50.2 75.4





#35

Caprolactam

Concen: 34.023 ng

RT: 11.828 min Scan# 1477

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

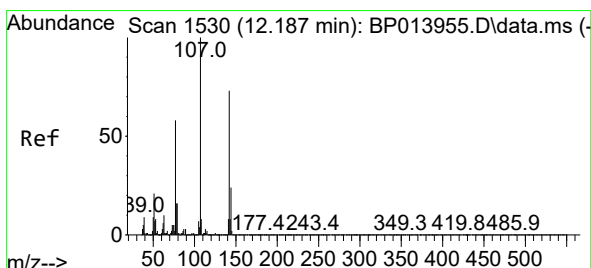
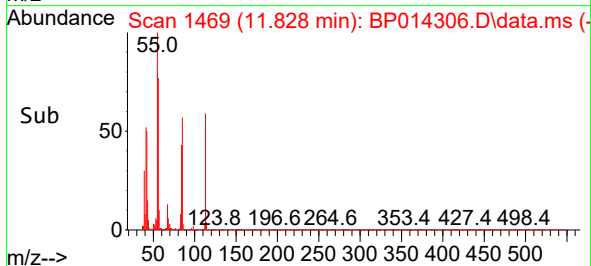
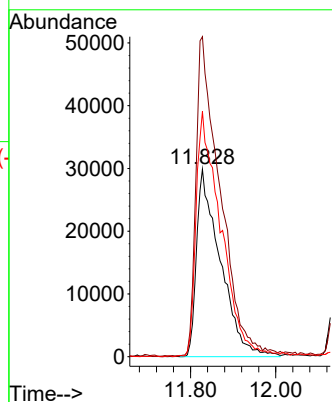
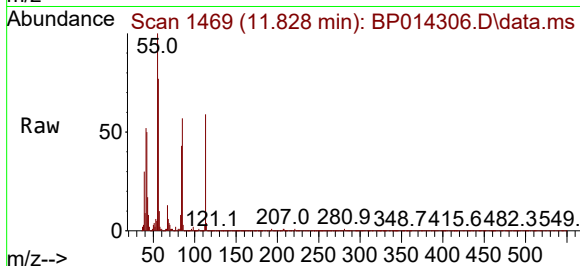
Tgt Ion:113 Resp: 115000

Ion Ratio Lower Upper

113 100

55 170.6 128.9 168.9#

56 130.7 99.6 139.6



#36

4-Chloro-3-methylphenol

Concen: 44.078 ng

RT: 12.140 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

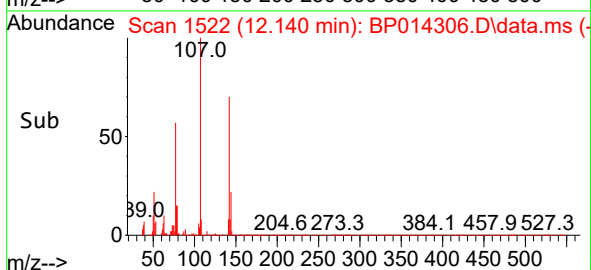
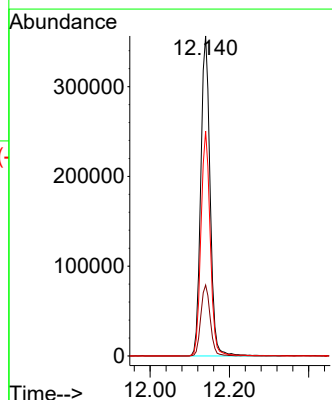
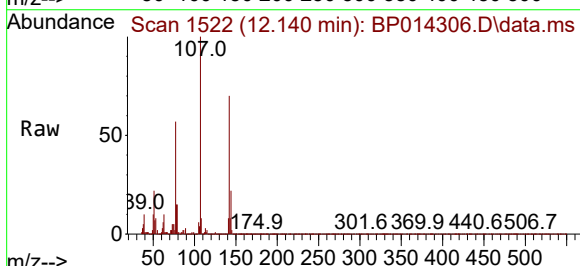
Tgt Ion:107 Resp: 580493

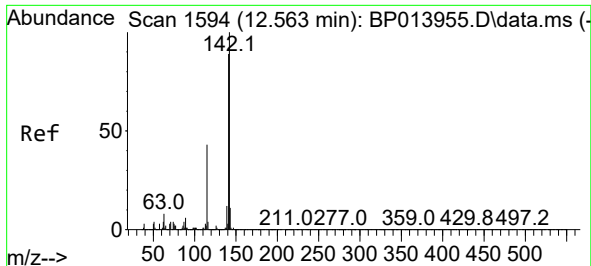
Ion Ratio Lower Upper

107 100

144 22.2 19.3 28.9

142 70.3 58.5 87.7

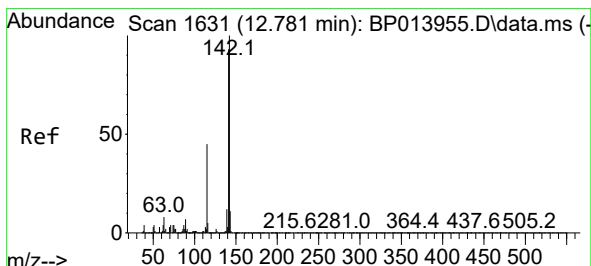
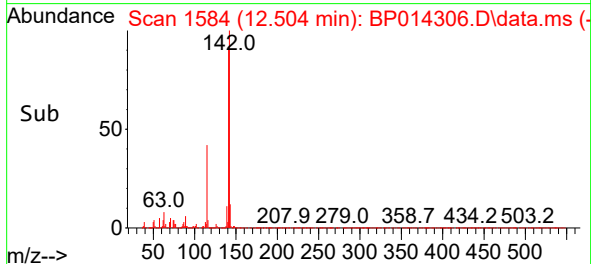
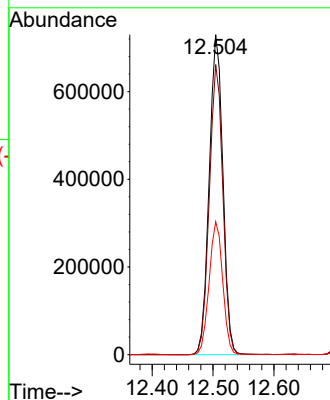
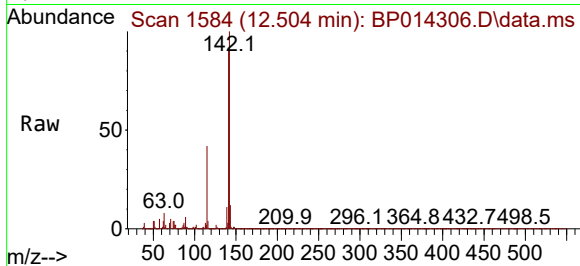




#37
2-Methylnaphthalene
Concen: 41.304 ng
RT: 12.504 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

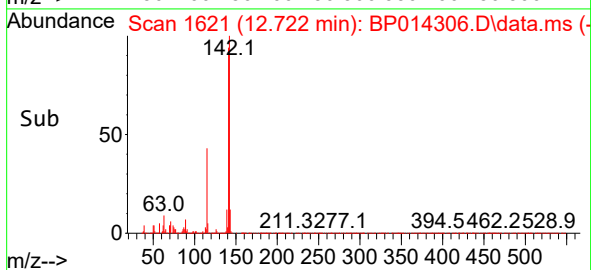
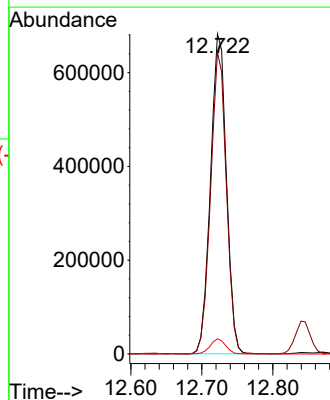
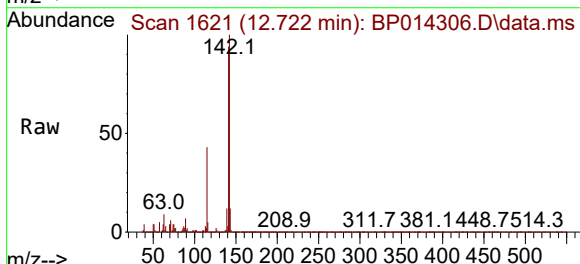
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

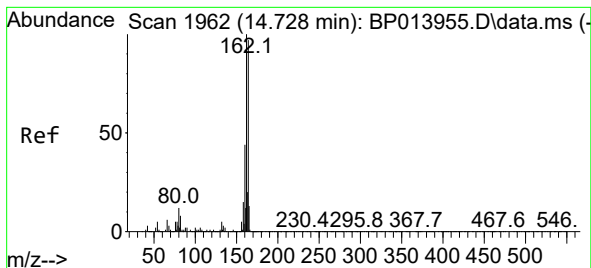
Tgt Ion:142 Resp: 1140808
Ion Ratio Lower Upper
142 100
141 90.6 71.0 106.4
115 41.5 34.5 51.7



#38
1-Methylnaphthalene
Concen: 41.240 ng
RT: 12.722 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:142 Resp: 1061741
Ion Ratio Lower Upper
142 100
141 94.4 74.4 111.6
116 4.7 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.675 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

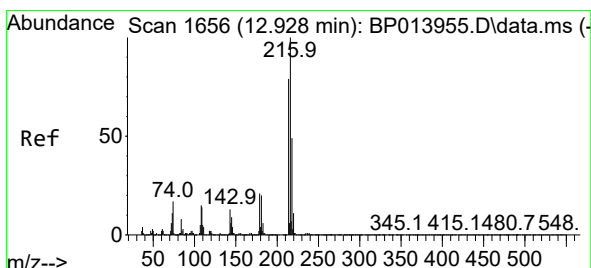
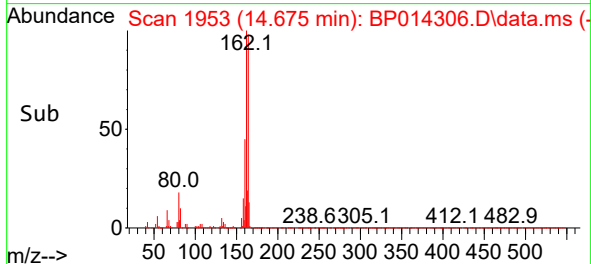
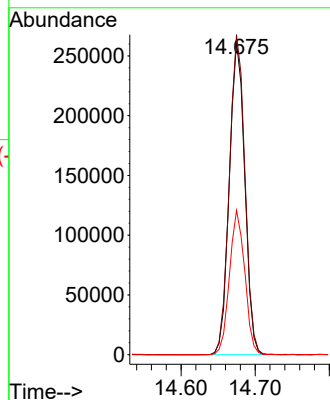
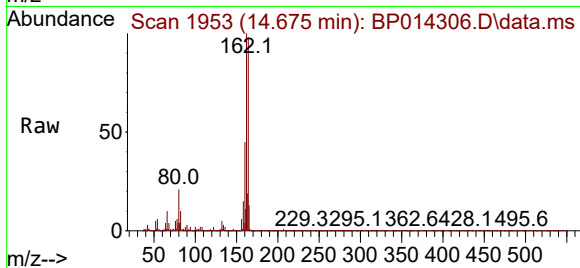
Tgt Ion:164 Resp: 378459

Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

160 46.1 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.518 ng

RT: 12.869 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Tgt Ion:216 Resp: 685487

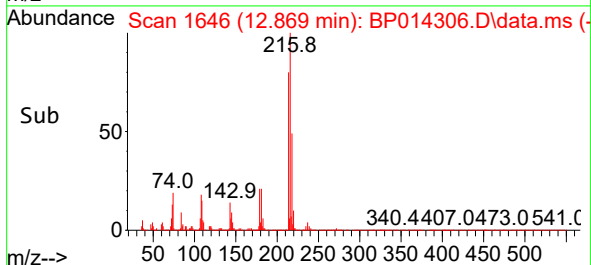
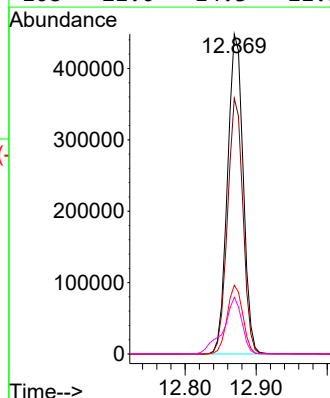
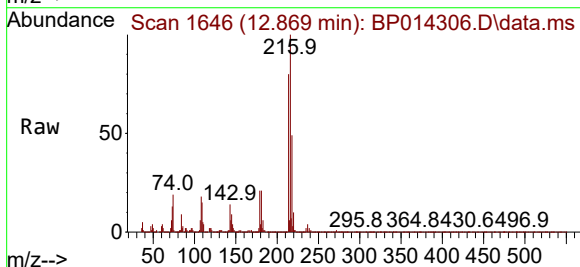
Ion Ratio Lower Upper

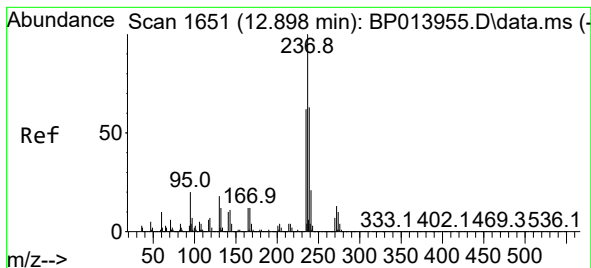
216 100

214 78.4 62.2 93.2

179 21.5 16.6 24.8

108 21.0 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 102.234 ng

RT: 12.846 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

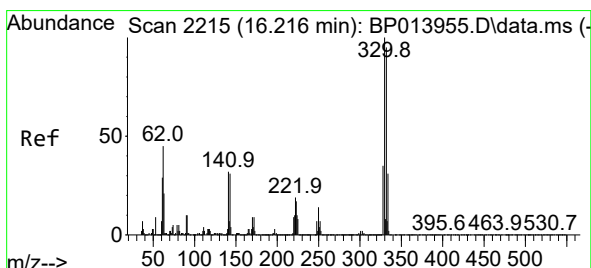
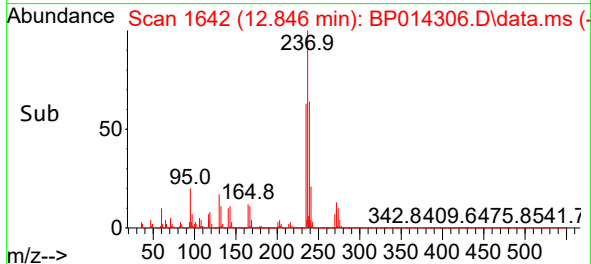
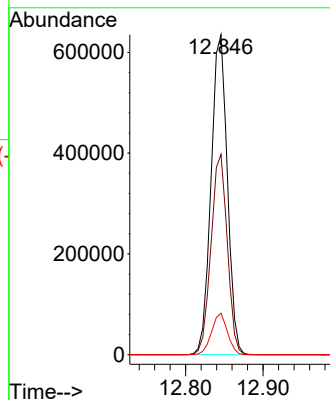
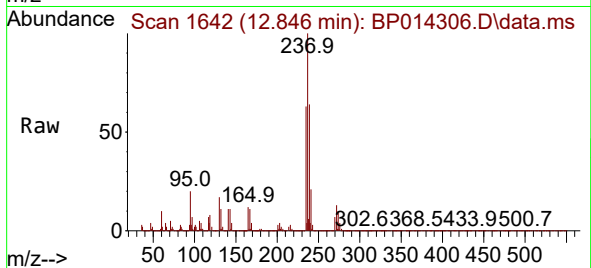
Tgt Ion:237 Resp: 925548

Ion Ratio Lower Upper

237 100

235 62.6 41.9 81.9

272 13.0 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 122.857 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

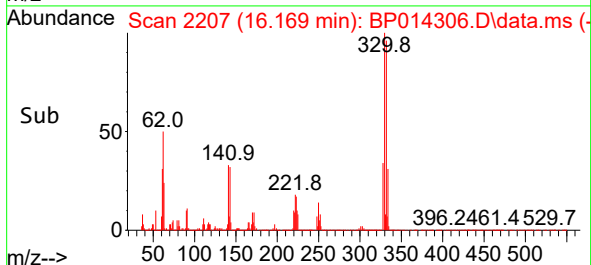
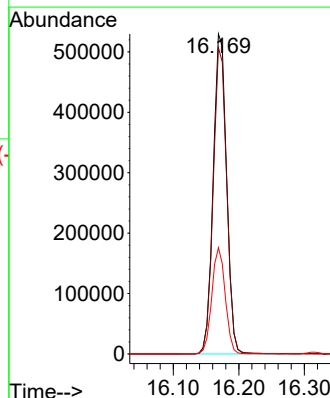
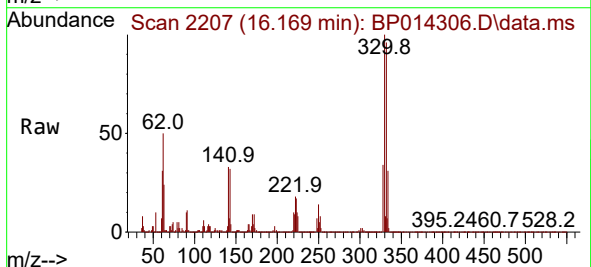
Tgt Ion:330 Resp: 753869

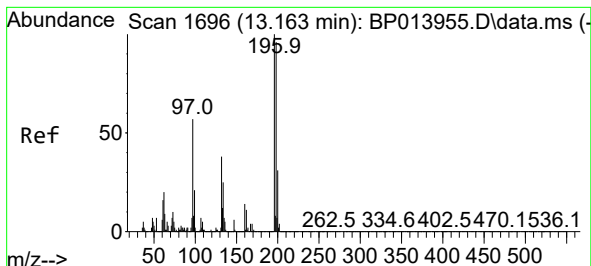
Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 33.2 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 46.278 ng

RT: 13.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

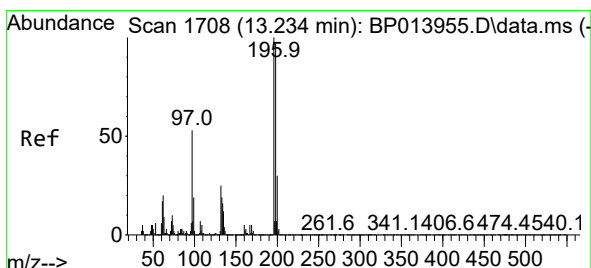
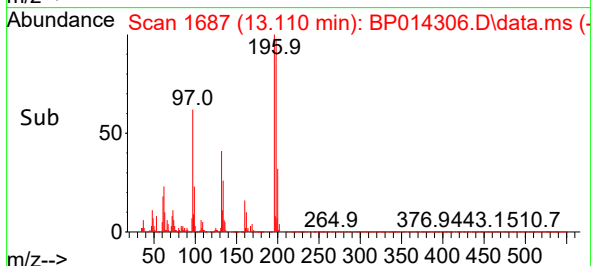
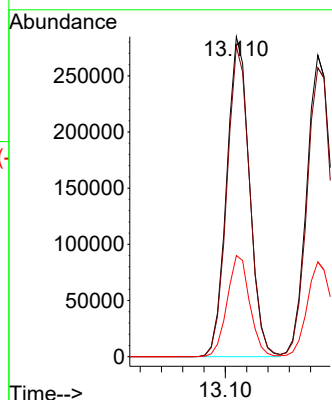
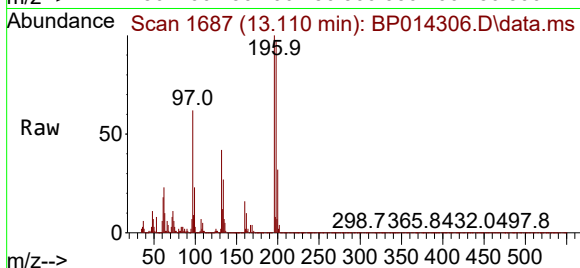
Tgt Ion:196 Resp: 421985

Ion Ratio Lower Upper

196 100

198 96.9 76.7 115.1

200 31.6 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 42.629 ng

RT: 13.187 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Tgt Ion:196 Resp: 450426

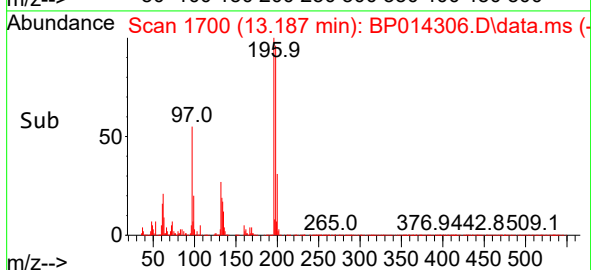
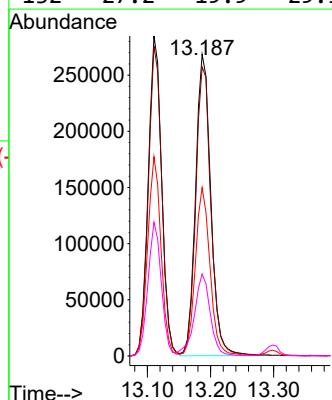
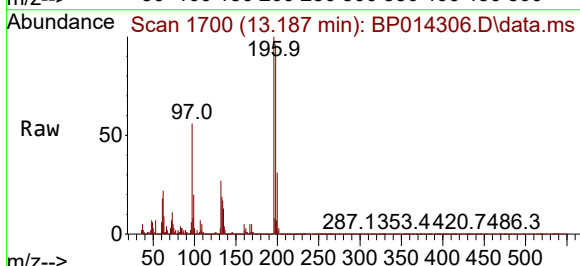
Ion Ratio Lower Upper

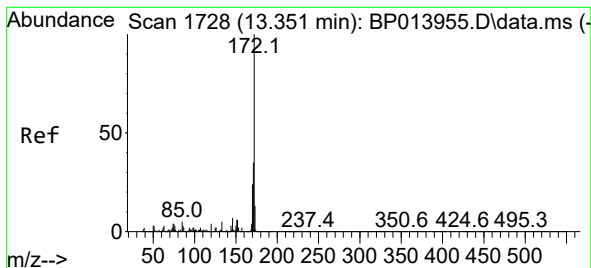
196 100

198 95.8 77.5 116.3

97 55.8 42.6 64.0

132 27.2 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 94.403 ng

RT: 13.298 min Scan# 1719

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

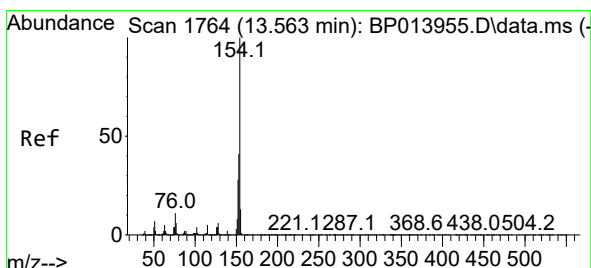
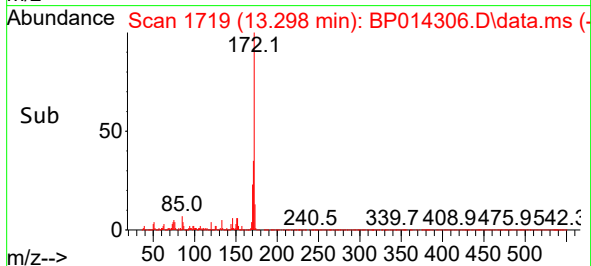
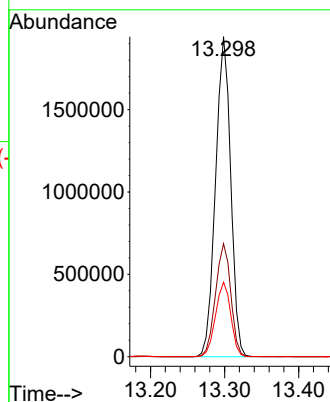
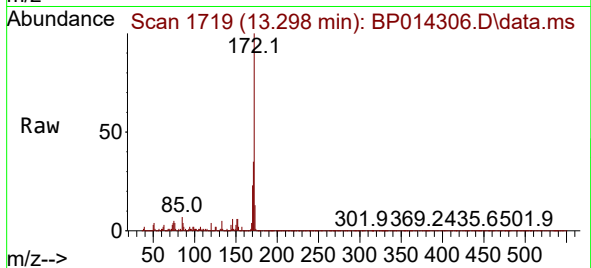
Tgt Ion:172 Resp: 2757657

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.578 ng

RT: 13.510 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

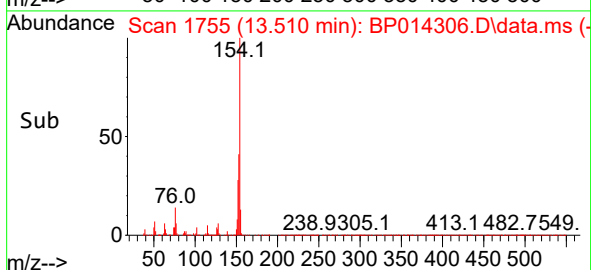
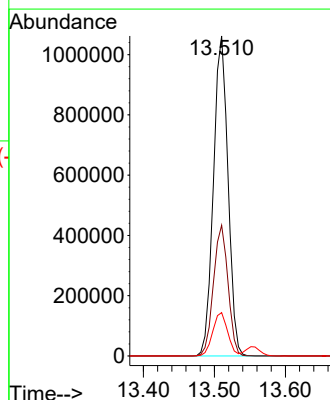
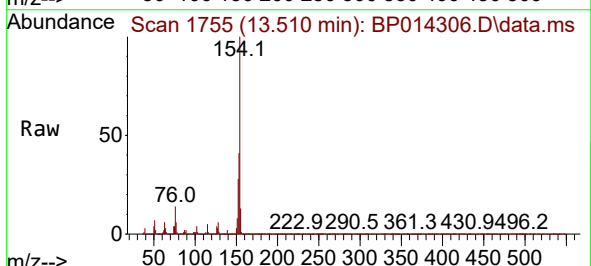
Tgt Ion:154 Resp: 1510304

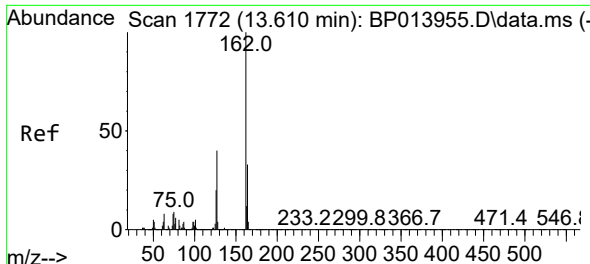
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 13.6 0.0 31.0

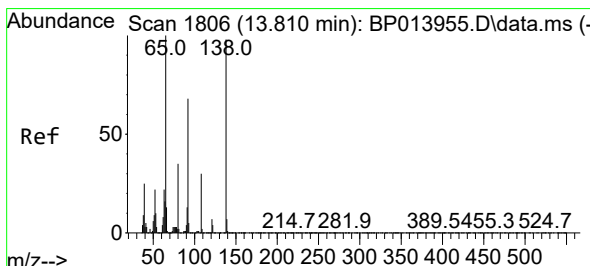
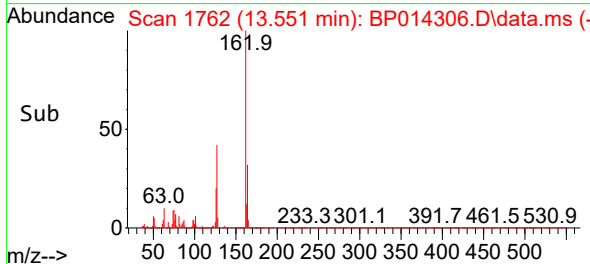
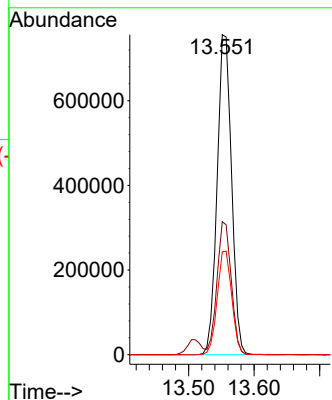
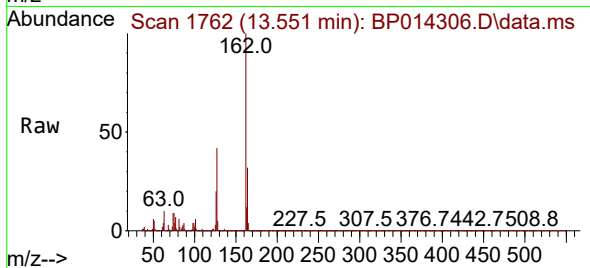




#47
2-Chloronaphthalene
Concen: 49.142 ng
RT: 13.551 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

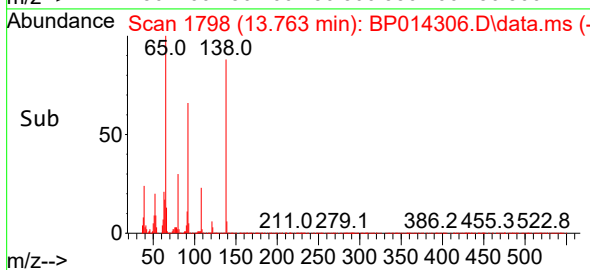
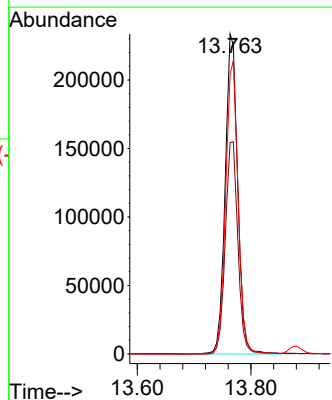
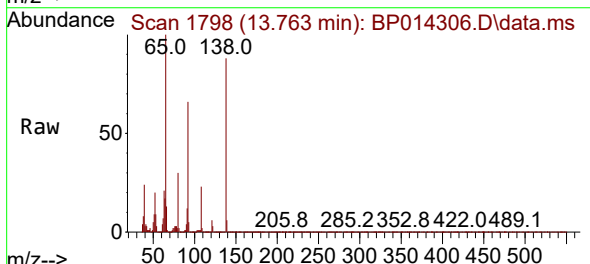
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

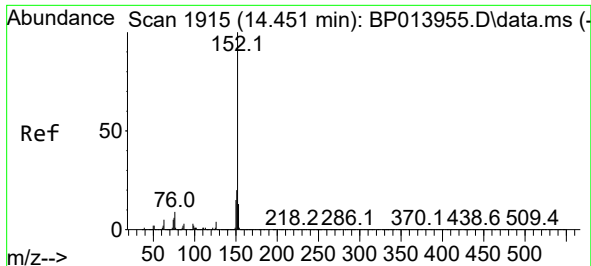
Tgt Ion:162 Resp: 1152418
Ion Ratio Lower Upper
162 100
127 41.5 32.5 48.7
164 32.1 26.3 39.5



#48
2-Nitroaniline
Concen: 50.311 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion: 65 Resp: 358061
Ion Ratio Lower Upper
65 100
92 66.1 54.4 81.6
138 87.5 78.0 117.0

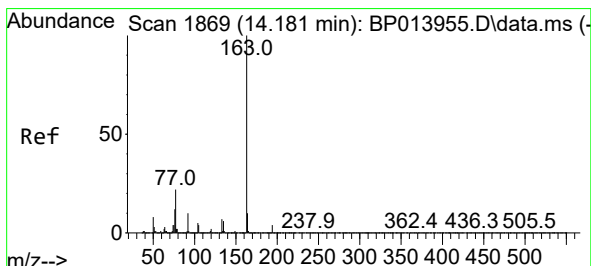
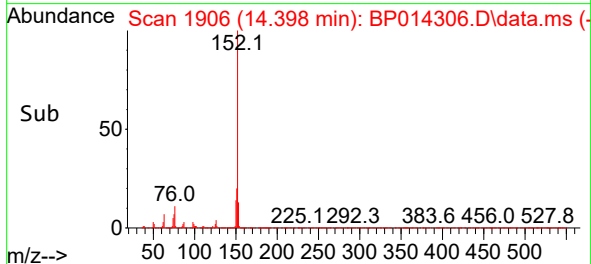
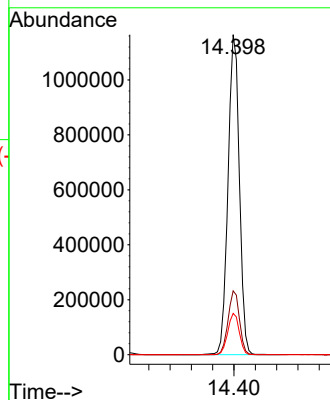
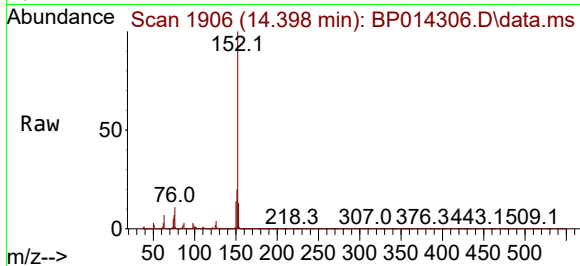




#49
Acenaphthylene
Concen: 46.218 ng
RT: 14.398 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

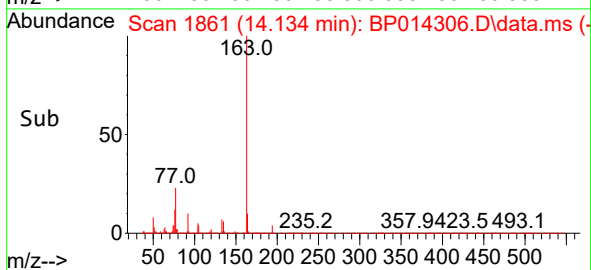
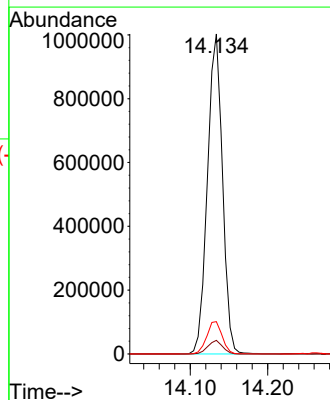
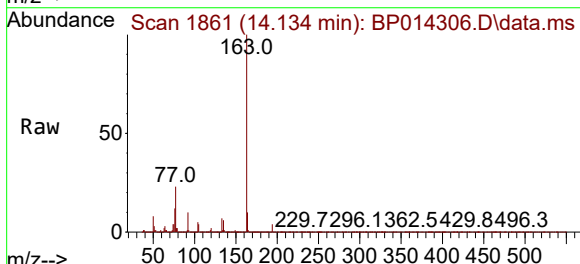
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

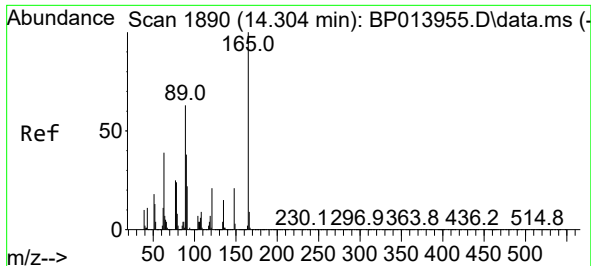
Tgt Ion:152 Resp: 1723618
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 43.265 ng
RT: 14.134 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:163 Resp: 1350838
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.1 12.1

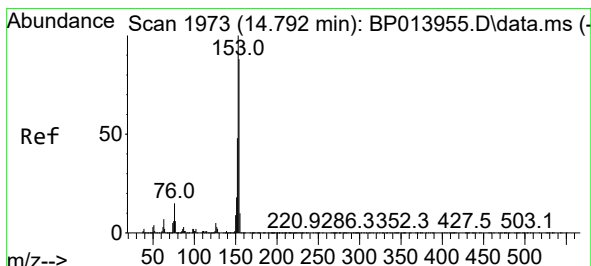
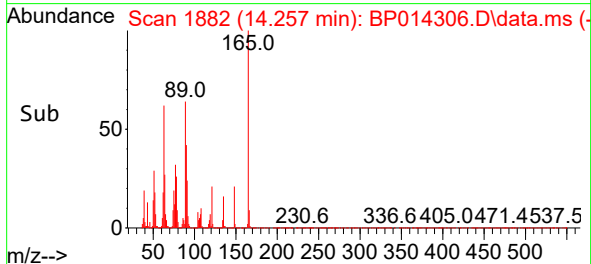
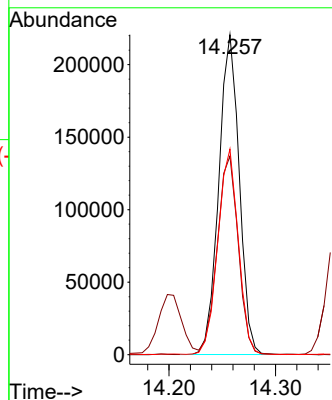
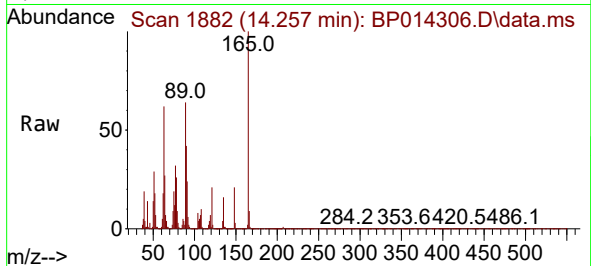




#51
2,6-Dinitrotoluene
Concen: 44.696 ng
RT: 14.257 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

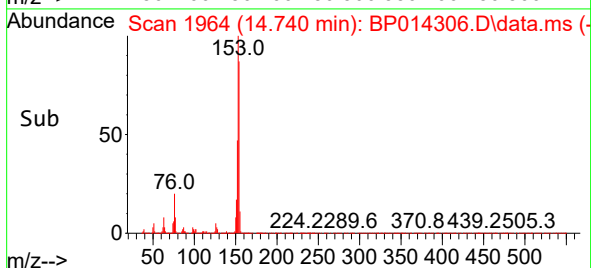
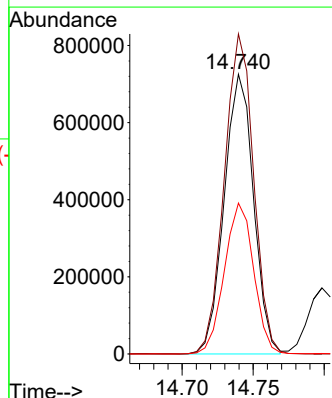
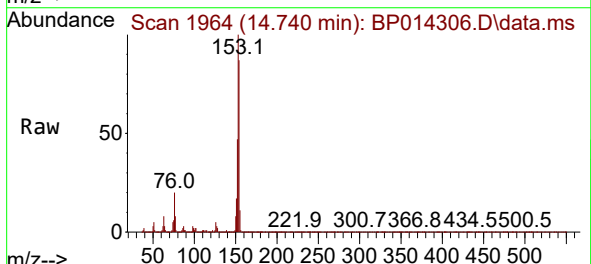
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

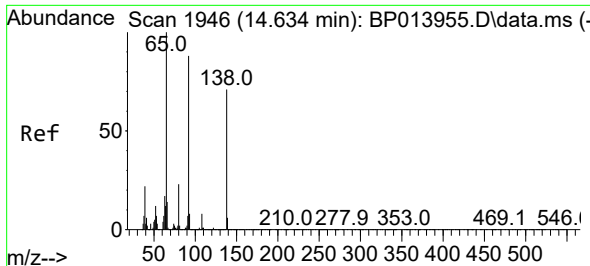
Tgt Ion:165 Resp: 293879
Ion Ratio Lower Upper
165 100
63 62.1 46.7 70.1
89 64.3 50.8 76.2



#52
Acenaphthene
Concen: 46.441 ng
RT: 14.740 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:154 Resp: 1042577
Ion Ratio Lower Upper
154 100
153 114.4 91.3 136.9
152 53.9 43.4 65.0

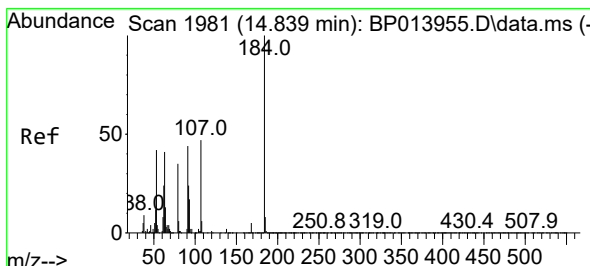
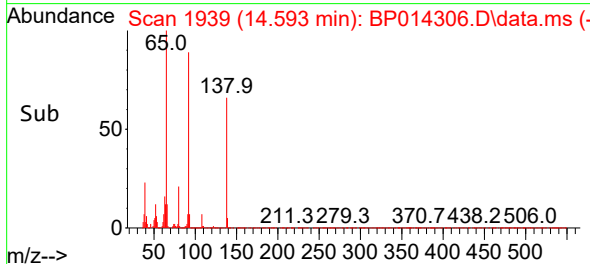
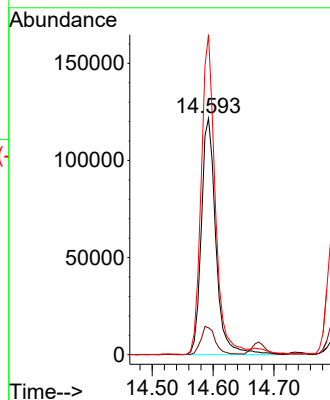
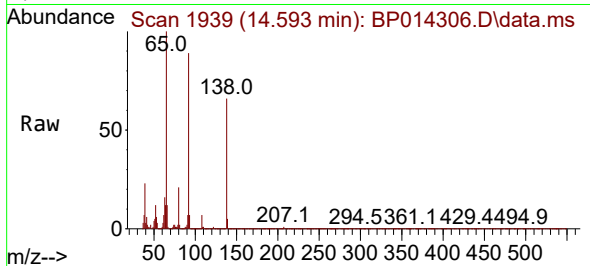




#53
3-Nitroaniline
Concen: 31.373 ng
RT: 14.593 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

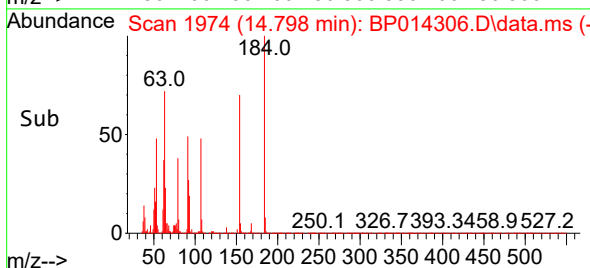
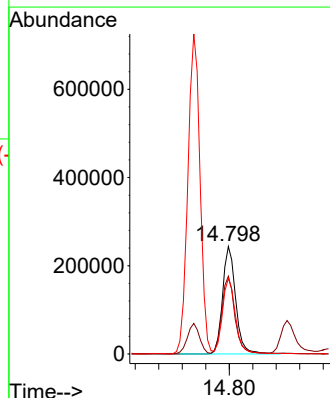
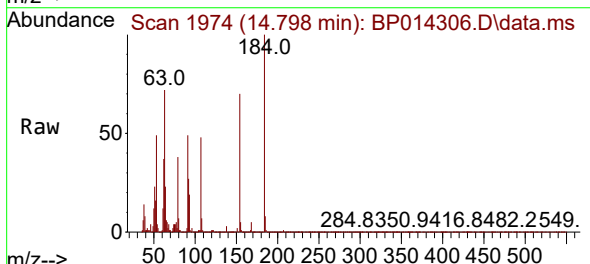
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

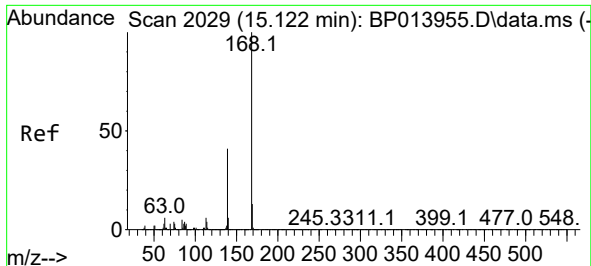
Tgt Ion:138 Resp: 202156
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 135.4 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 77.564 ng
RT: 14.798 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:184 Resp: 377658
Ion Ratio Lower Upper
184 100
63 72.3 52.4 78.6
154 70.2 59.4 89.2

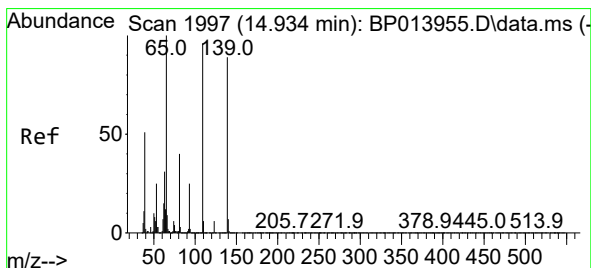
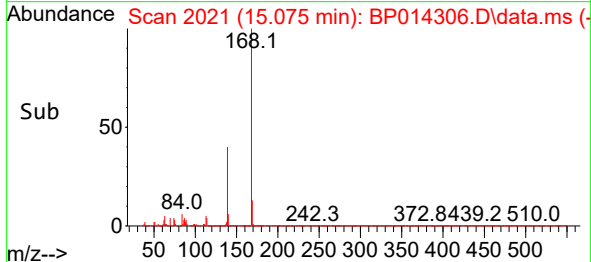
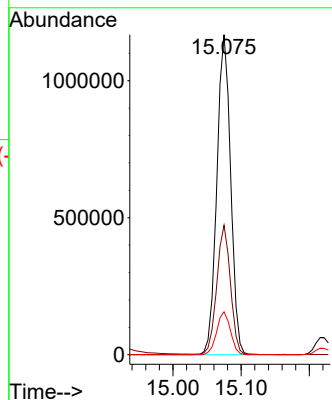
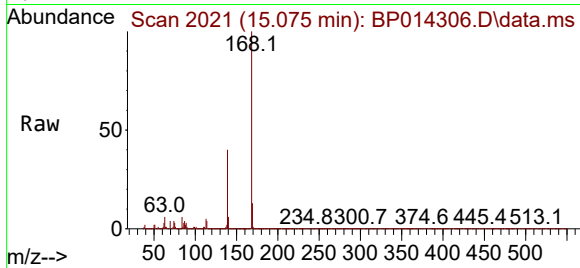




#55
Dibenzenofuran
Concen: 44.926 ng
RT: 15.075 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

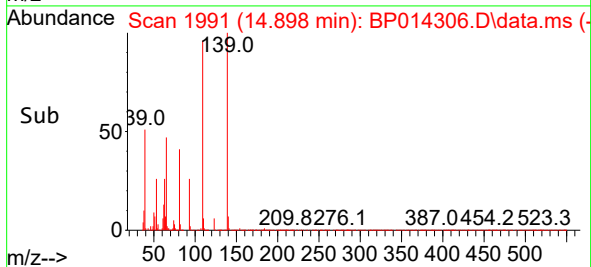
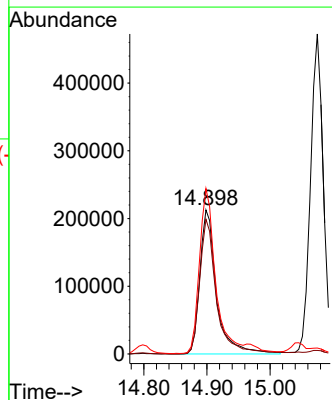
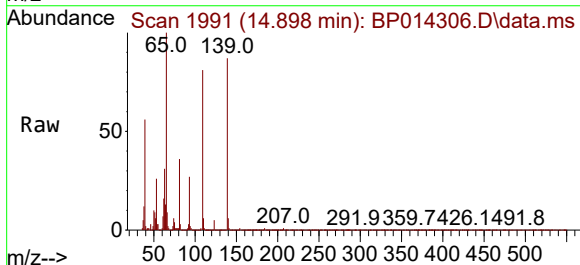
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

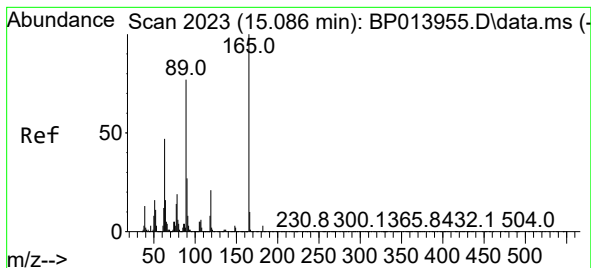
Tgt Ion:168 Resp: 1644233
Ion Ratio Lower Upper
168 100
139 40.5 32.9 49.3
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 74.726 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:139 Resp: 392100
Ion Ratio Lower Upper
139 100
109 93.6 87.0 127.0
65 115.0 92.1 132.1





#57

2,4-Dinitrotoluene

Concen: 43.367 ng

RT: 15.045 min Scan# 20

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

Tgt Ion:165 Resp: 381152

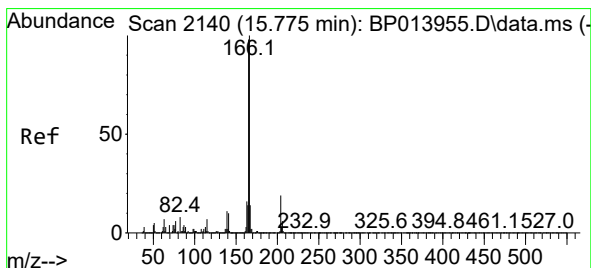
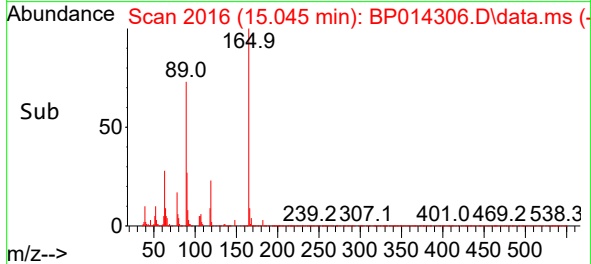
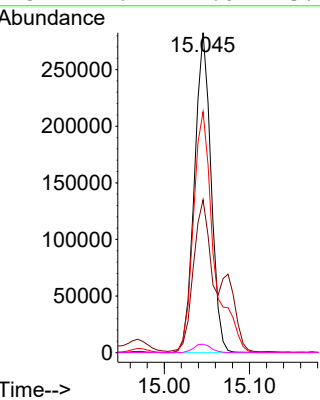
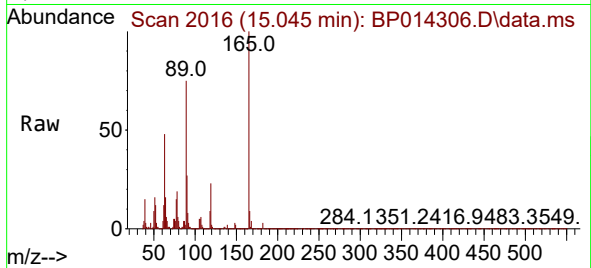
Ion Ratio Lower Upper

165 100

63 47.8 37.5 56.3

89 75.3 61.8 92.8

182 2.7 2.0 3.0



#58

Fluorene

Concen: 44.364 ng

RT: 15.728 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

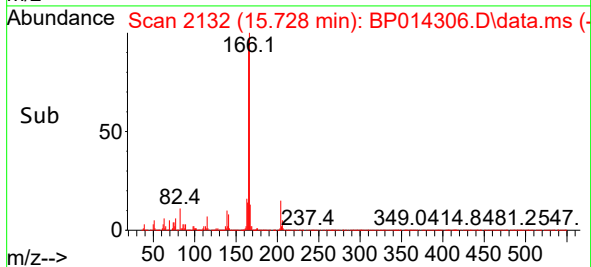
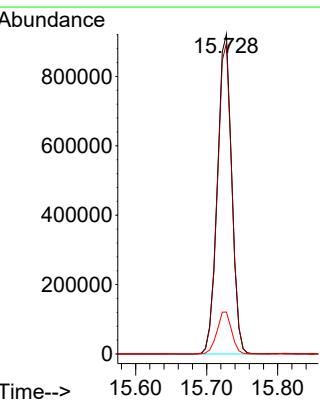
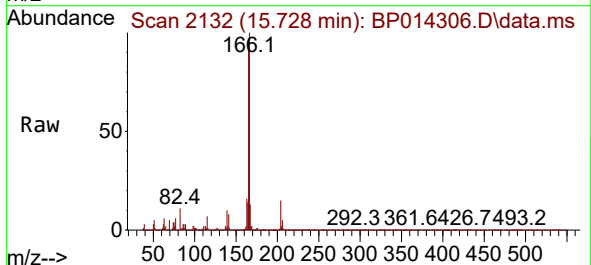
Tgt Ion:166 Resp: 1289250

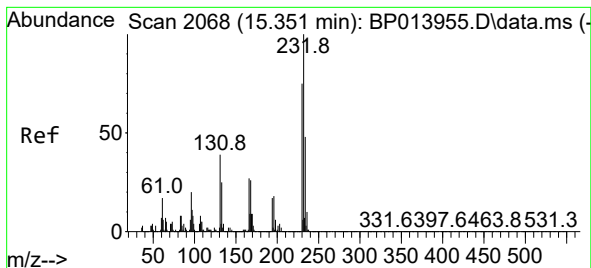
Ion Ratio Lower Upper

166 100

165 97.2 78.1 117.1

167 13.1 10.8 16.2

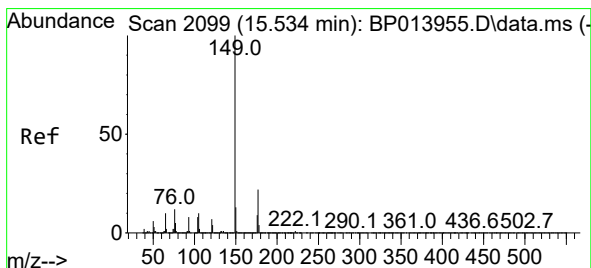
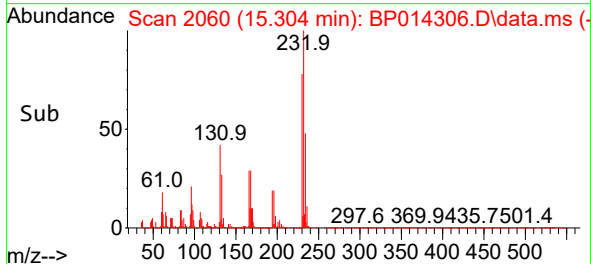
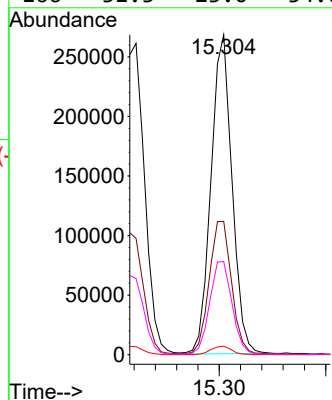
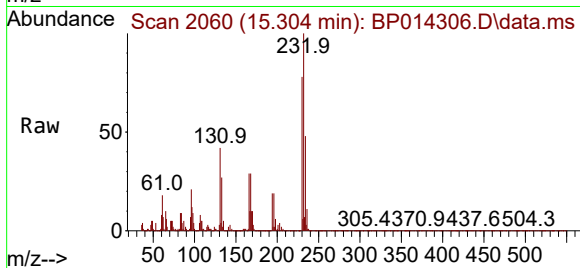




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.868 ng
RT: 15.304 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

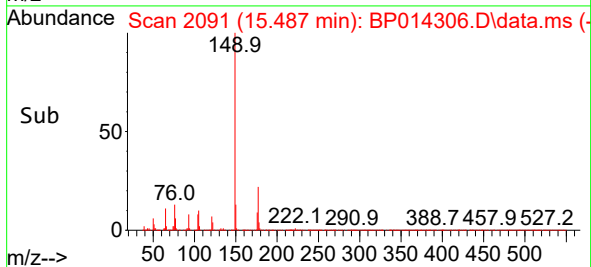
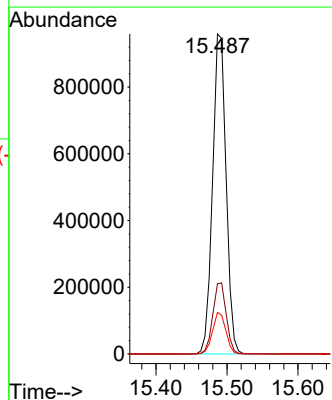
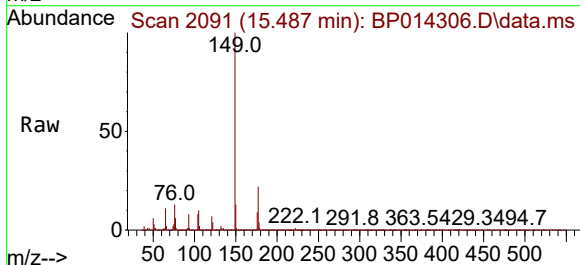
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

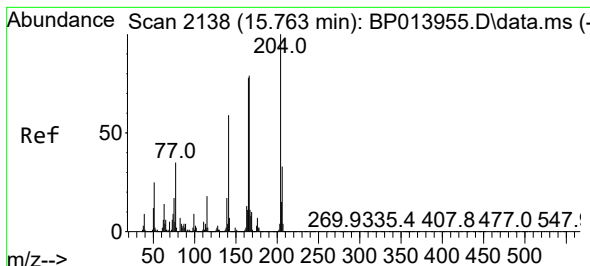
Tgt Ion:232 Resp: 367498
Ion Ratio Lower Upper
232 100
131 44.8 32.5 48.7
130 2.7 1.9 2.9
166 31.3 23.0 34.6



#60
Diethylphthalate
Concen: 41.229 ng
RT: 15.487 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:149 Resp: 1270953
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 13.0 10.3 15.5

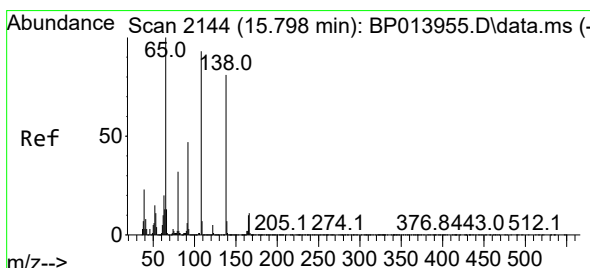
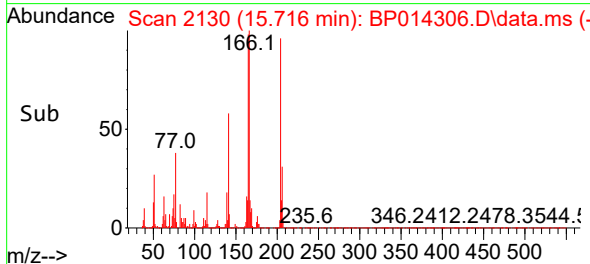
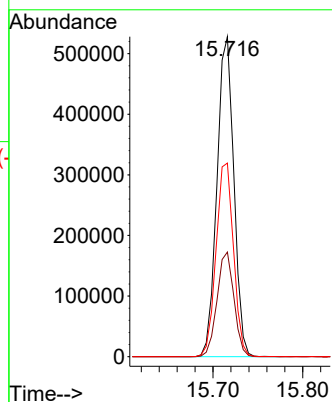
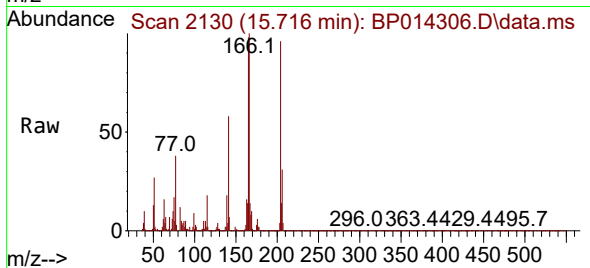




#61
4-Chlorophenyl-phenylether
Concen: 41.829 ng
RT: 15.716 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

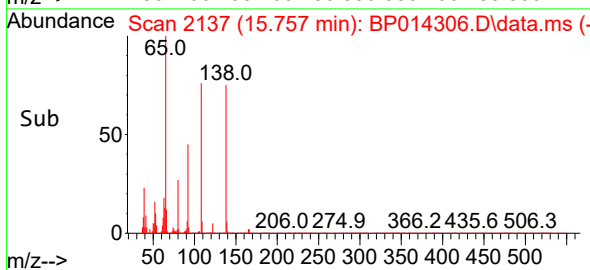
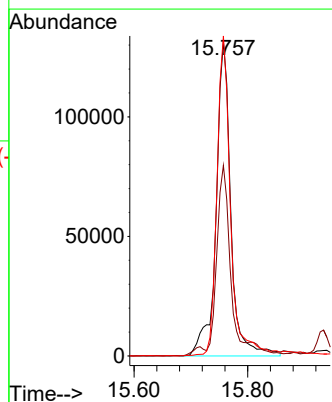
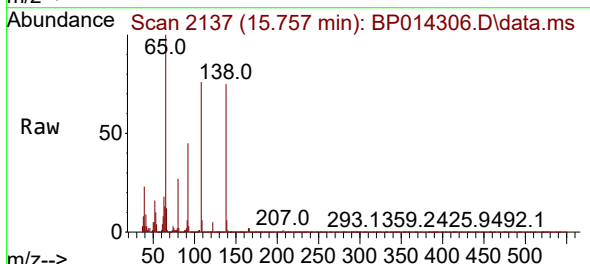
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

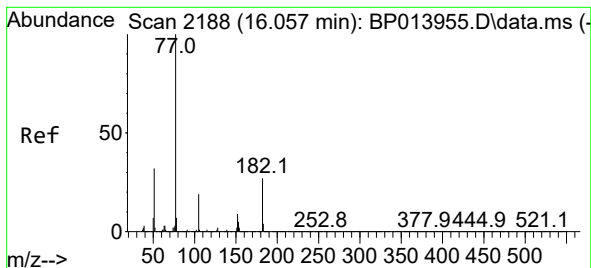
Tgt Ion:204 Resp: 689096
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 60.5 46.9 70.3



#62
4-Nitroaniline
Concen: 37.033 ng
RT: 15.757 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:138 Resp: 237607
Ion Ratio Lower Upper
138 100
92 60.6 37.9 77.9
108 101.8 94.9 134.9





#63

Azobenzene

Concen: 48.156 ng

RT: 16.010 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

Tgt Ion: 77 Resp: 1373669

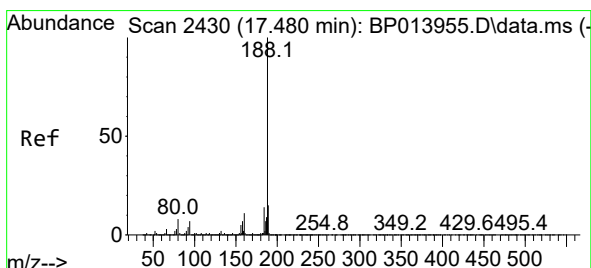
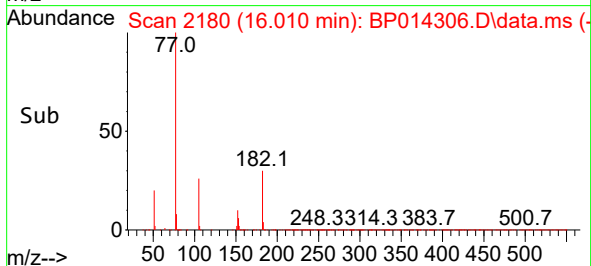
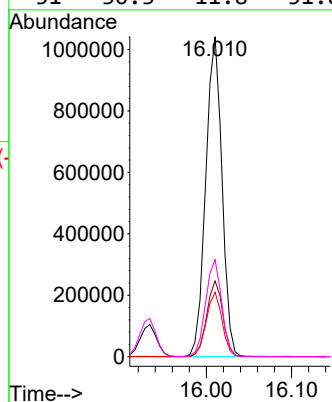
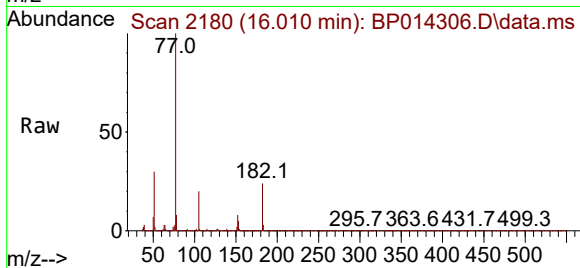
Ion Ratio Lower Upper

77 100

182 23.7 6.9 46.9

105 20.2 0.0 39.4

51 30.3 11.8 51.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.434 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

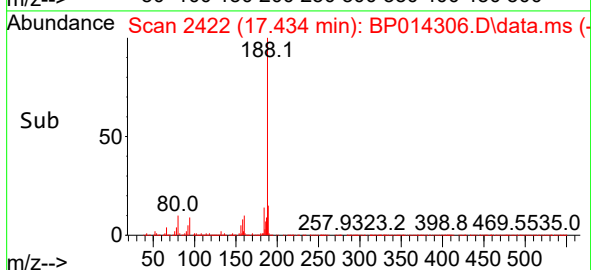
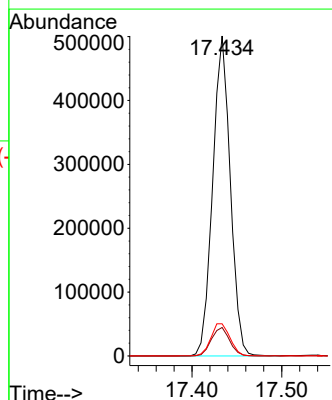
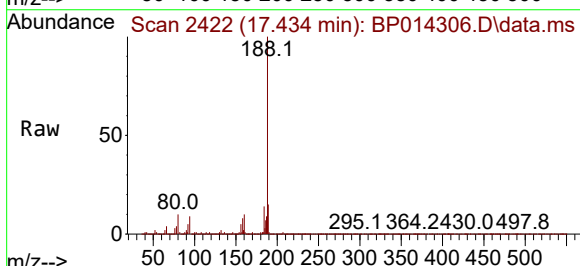
Tgt Ion:188 Resp: 681809

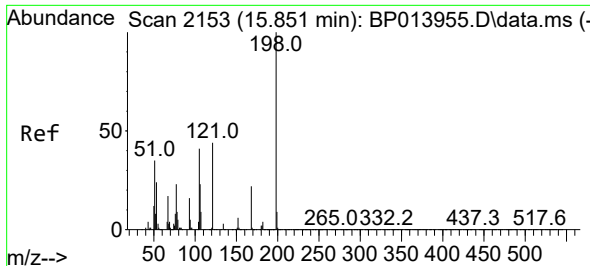
Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.6#

80 10.1 6.6 9.8#

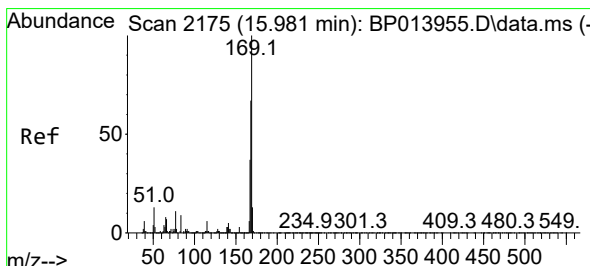
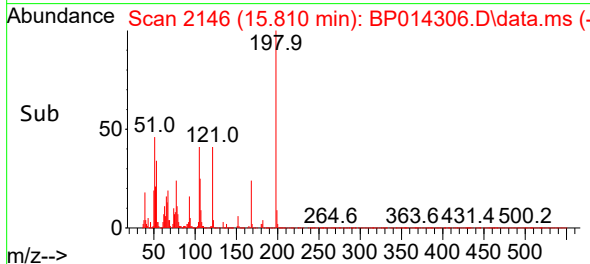
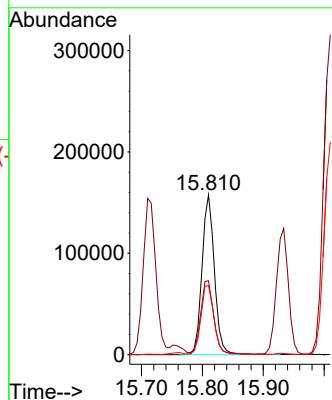
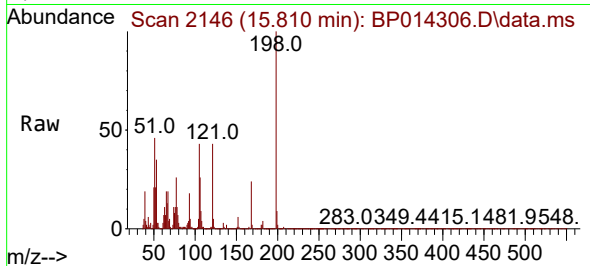




#65
4,6-Dinitro-2-methylphenol
Concen: 44.256 ng
RT: 15.810 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

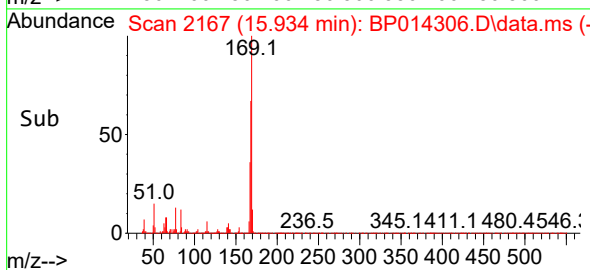
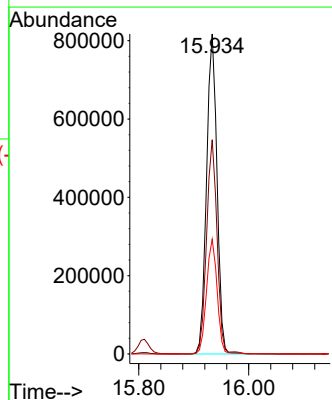
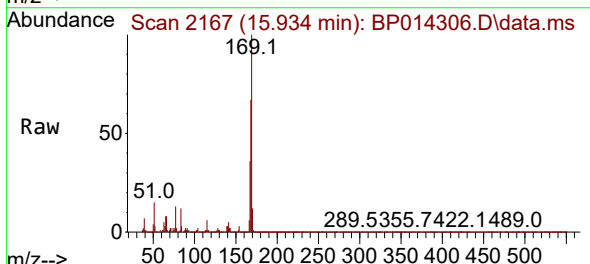
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

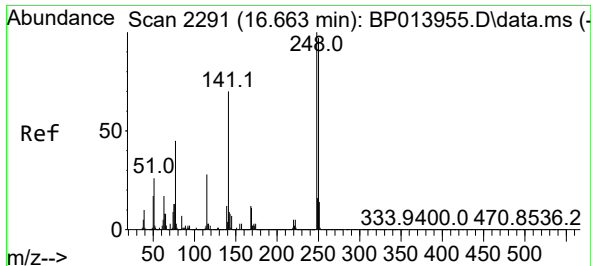
Tgt Ion:198 Resp: 223499
Ion Ratio Lower Upper
198 100
51 46.3 22.1 62.1
105 43.2 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 49.856 ng
RT: 15.934 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:169 Resp: 1074135
Ion Ratio Lower Upper
169 100
168 67.0 54.0 81.0
167 35.8 29.4 44.2

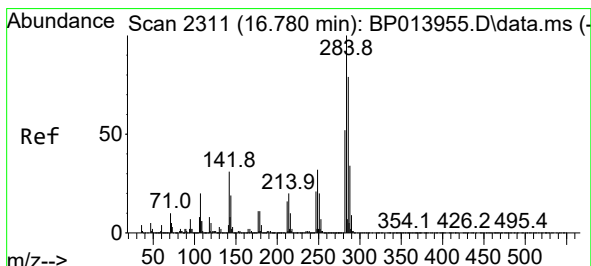
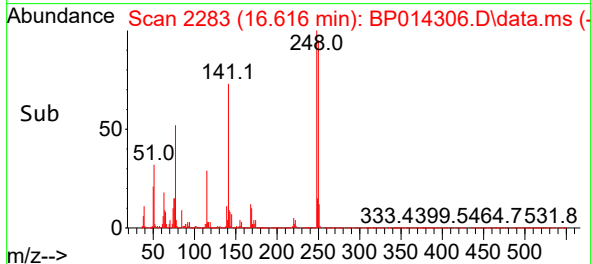
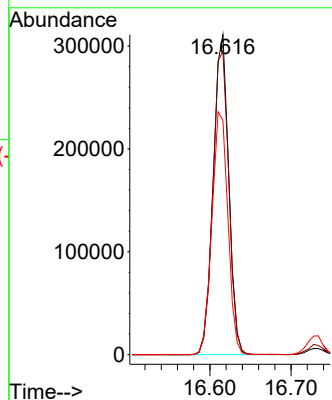
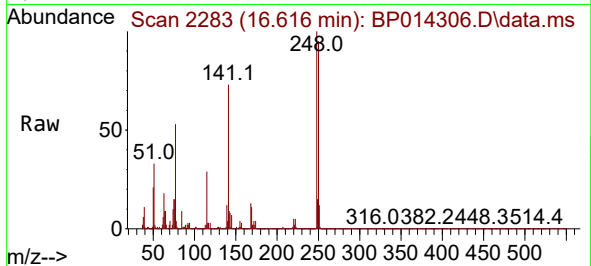




#67
4-Bromophenyl-phenylether
Concen: 45.720 ng
RT: 16.616 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

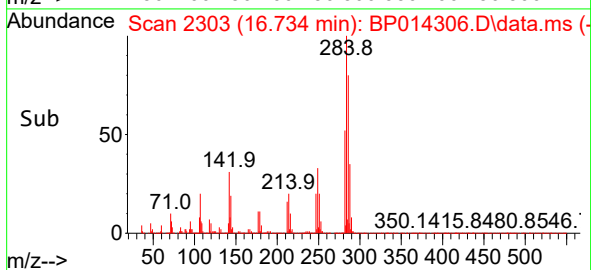
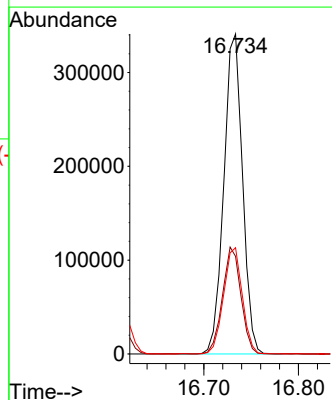
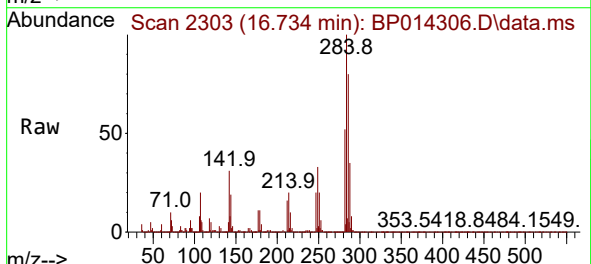
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

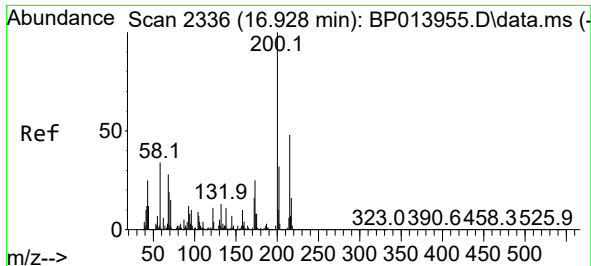
Tgt Ion:248 Resp: 412329
Ion Ratio Lower Upper
248 100
250 94.7 77.9 116.9
141 73.2 56.0 84.0



#68
Hexachlorobenzene
Concen: 48.387 ng
RT: 16.734 min Scan# 2303
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:284 Resp: 467749
Ion Ratio Lower Upper
284 100
142 30.5 24.8 37.2
249 33.2 25.7 38.5

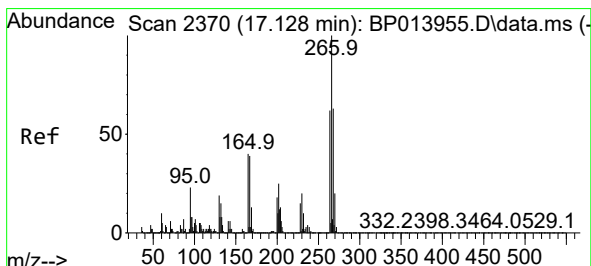
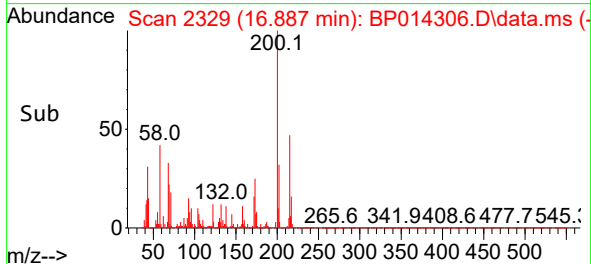
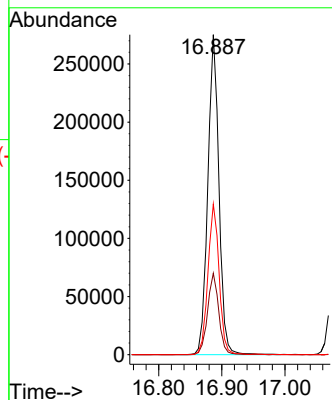
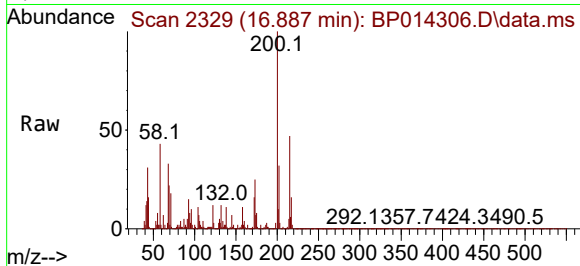




#69
Atrazine
Concen: 44.576 ng
RT: 16.887 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

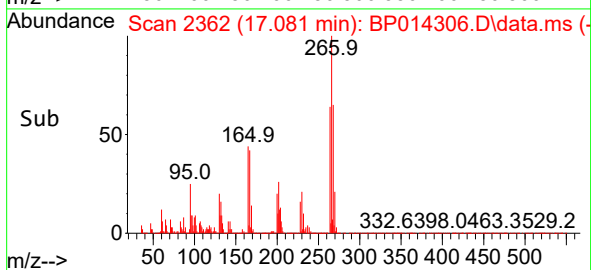
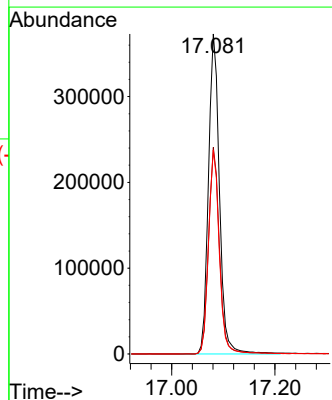
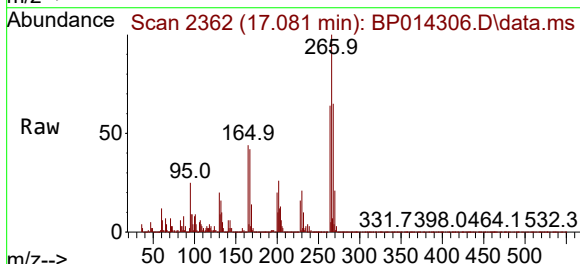
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

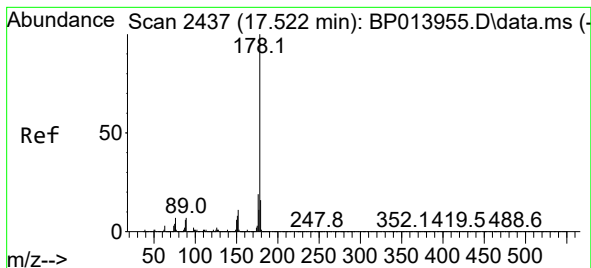
Tgt Ion:200 Resp: 337179
Ion Ratio Lower Upper
200 100
173 25.4 5.5 45.5
215 47.1 27.9 67.9



#70
Pentachlorophenol
Concen: 78.977 ng
RT: 17.081 min Scan# 2362
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:266 Resp: 550612
Ion Ratio Lower Upper
266 100
268 64.6 50.4 75.6
264 63.8 49.2 73.8





#71

Phenanthrene

Concen: 47.218 ng

RT: 17.475 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

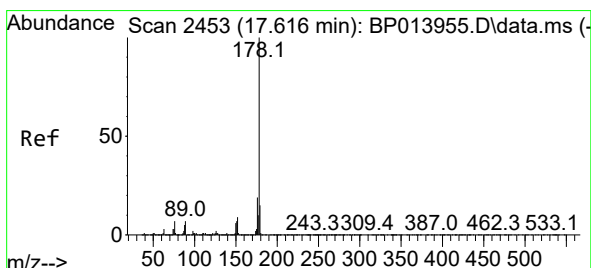
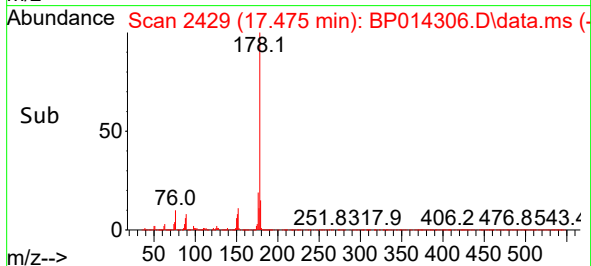
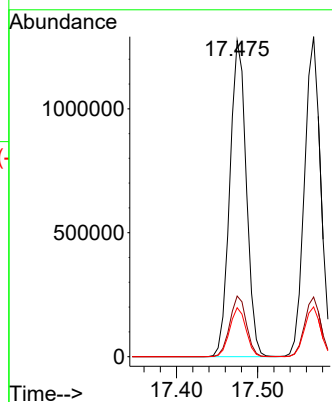
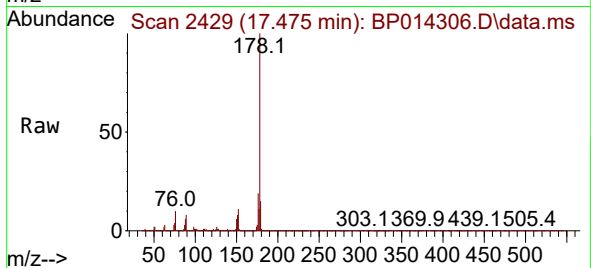
Tgt Ion:178 Resp: 1798497

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.5 12.6 19.0



#72

Anthracene

Concen: 46.152 ng

RT: 17.569 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

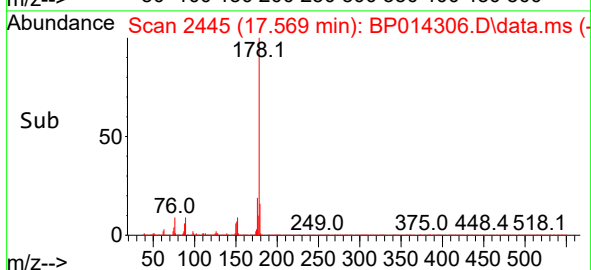
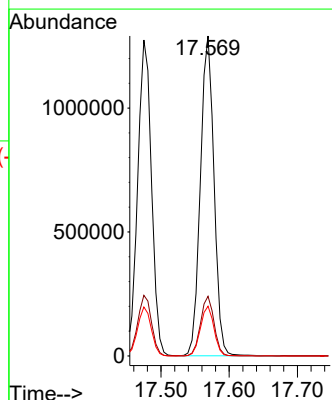
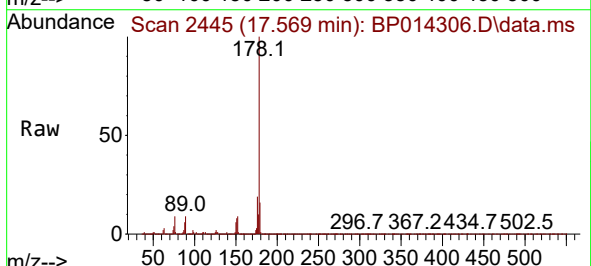
Tgt Ion:178 Resp: 1796158

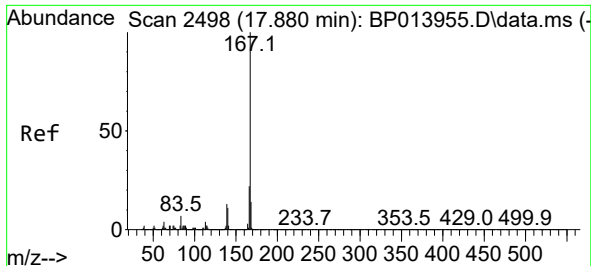
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.5 12.1 18.1

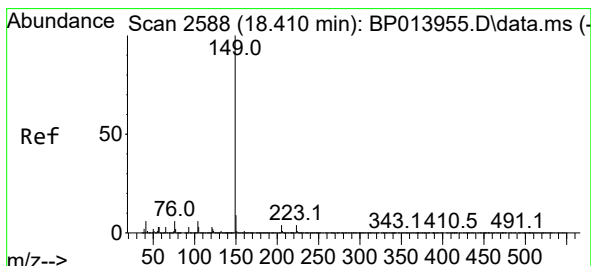
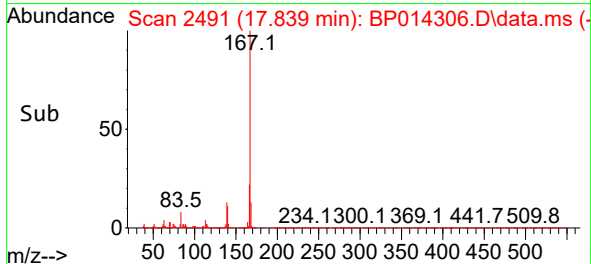
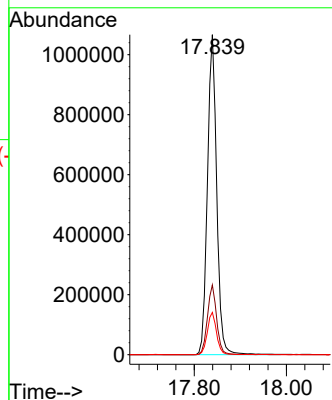
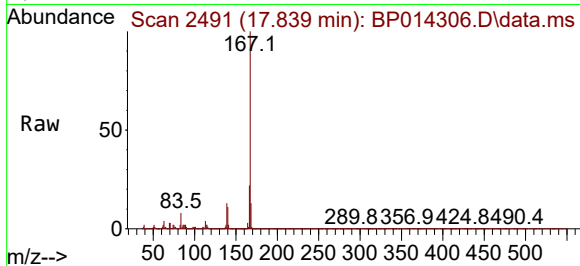




#73
 Carbazole
 Concen: 44.698 ng
 RT: 17.839 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BP014306.D
 Acq: 25 Mar 2023 01:14

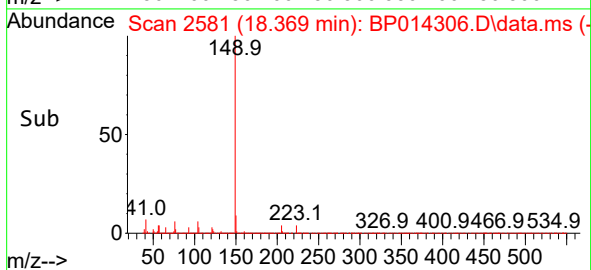
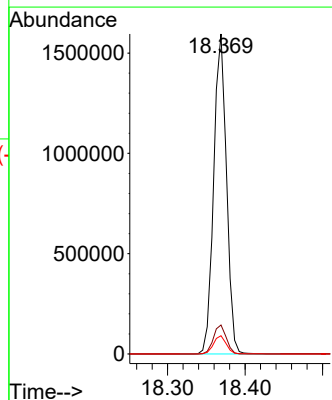
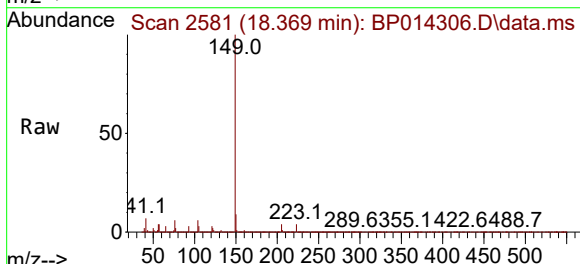
Instrument :
 BNA_P
 ClientSampleId :
 JPP-6E-032023MSD

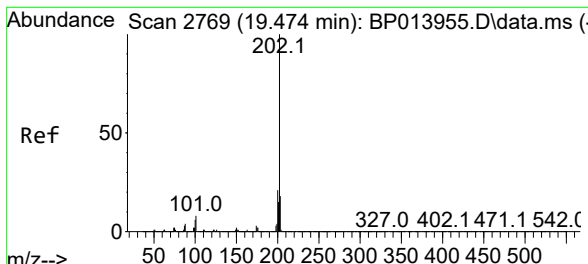
Tgt Ion:167 Resp: 1500574
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.512 ng
 RT: 18.369 min Scan# 2581
 Delta R.T. 0.000 min
 Lab File: BP014306.D
 Acq: 25 Mar 2023 01:14

Tgt Ion:149 Resp: 1826393
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 5.7 4.6 7.0

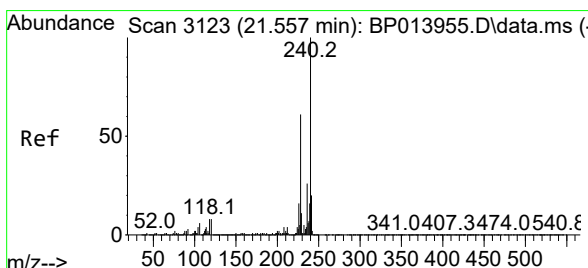
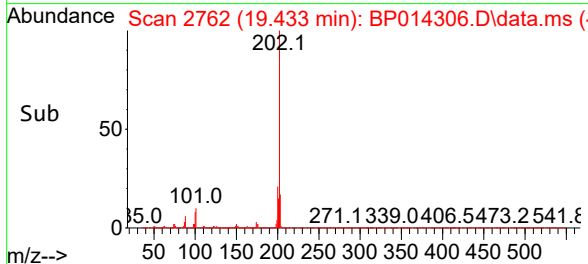
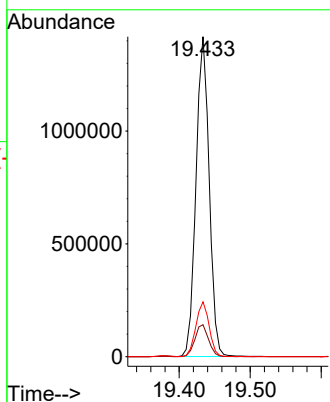
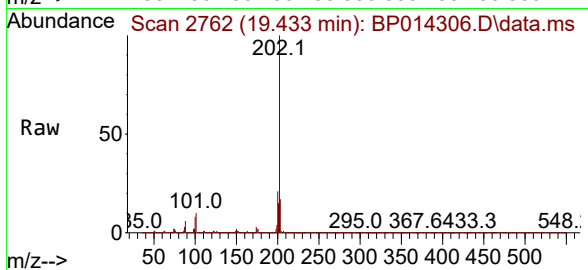




#75
 Fluoranthene
 Concen: 40.272 ng
 RT: 19.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP014306.D
 Acq: 25 Mar 2023 01:14

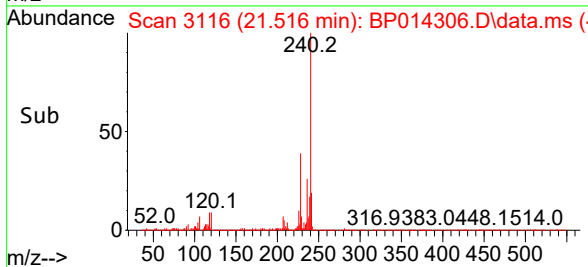
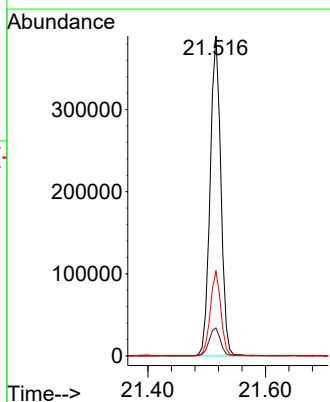
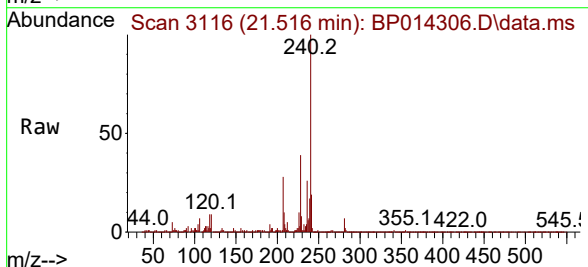
Instrument :
 BNA_P
 ClientSampleId :
 JPP-6E-032023MSD

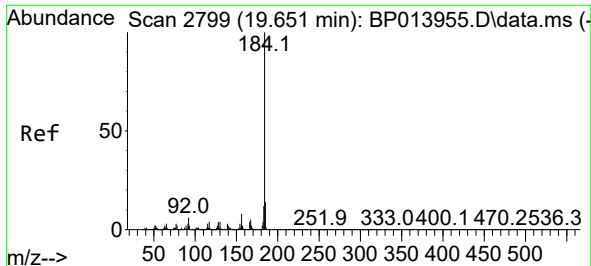
Tgt Ion:	202	Resp:	1833443
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	27.9
203	17.1	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.516 min Scan# 3116
 Delta R.T. 0.000 min
 Lab File: BP014306.D
 Acq: 25 Mar 2023 01:14

Tgt Ion:	240	Resp:	493525
Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.4	9.6
236	26.4	21.2	31.8

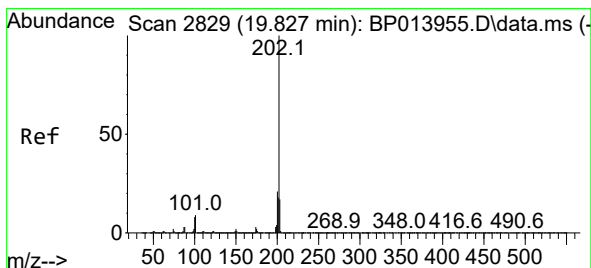
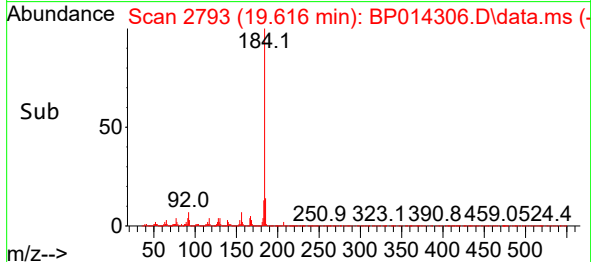
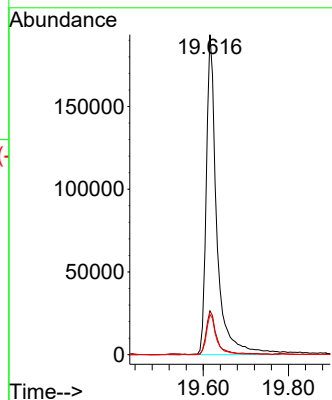
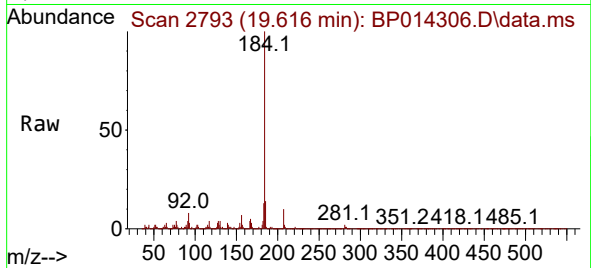




#77
Benzidine
Concen: 32.195 ng
RT: 19.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

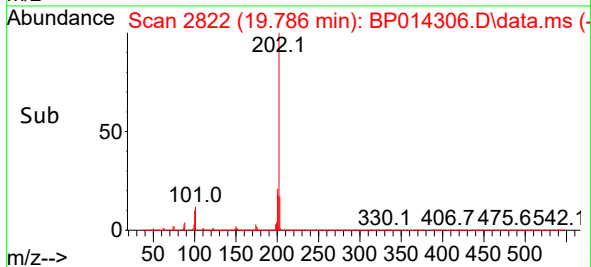
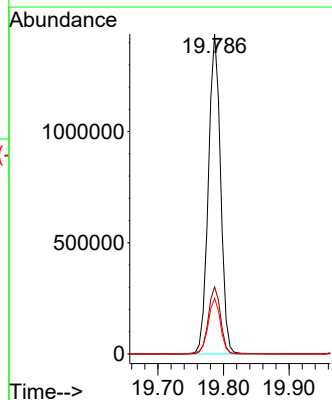
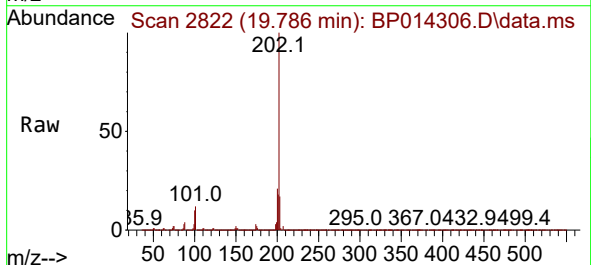
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

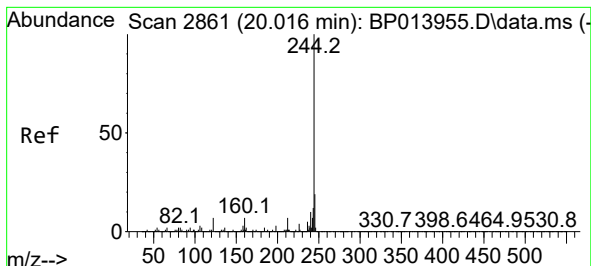
Tgt Ion:184 Resp: 331628
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 12.5 9.7 14.5



#78
Pyrene
Concen: 49.194 ng
RT: 19.786 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:202 Resp: 1863445
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 103.524 ng

RT: 19.975 min Scan# 2861

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

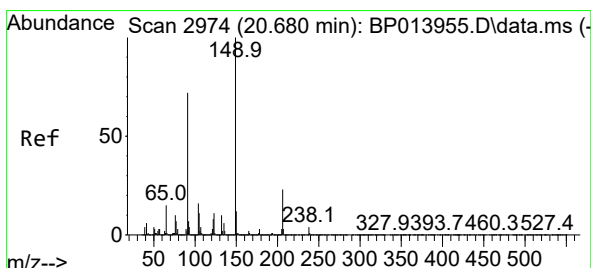
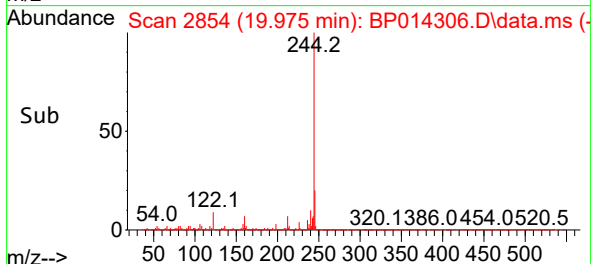
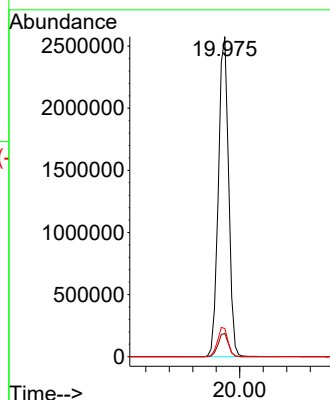
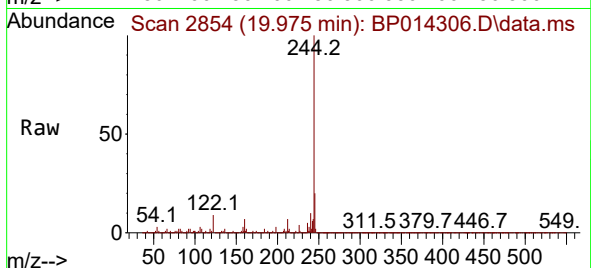
Tgt Ion:244 Resp: 3098433

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.8 5.8 8.6#



#80

Butylbenzylphthalate

Concen: 49.453 ng

RT: 20.645 min Scan# 2968

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

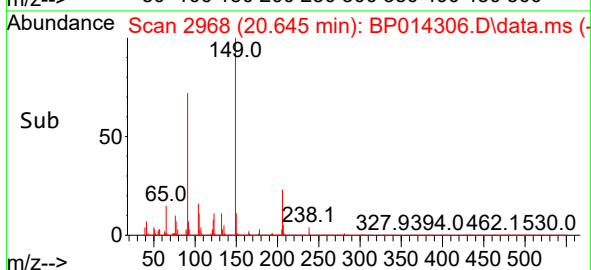
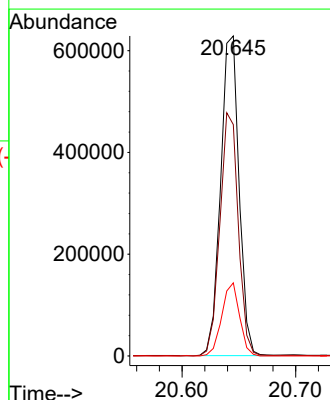
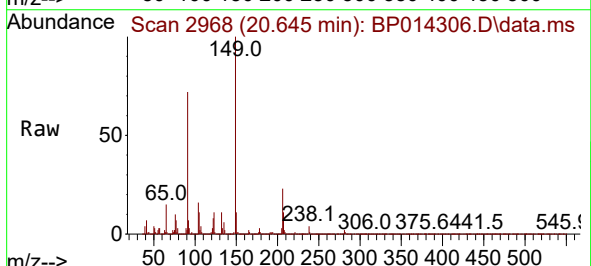
Tgt Ion:149 Resp: 710196

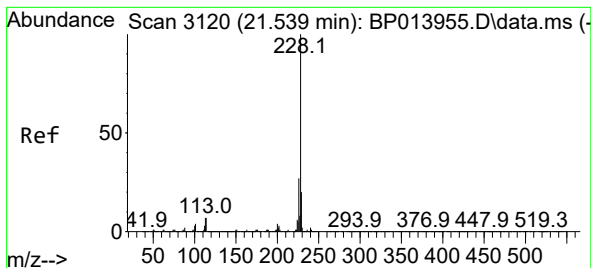
Ion Ratio Lower Upper

149 100

91 72.3 58.0 87.0

206 22.8 18.7 28.1





#81

Benzo(a)anthracene

Concen: 46.260 ng

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

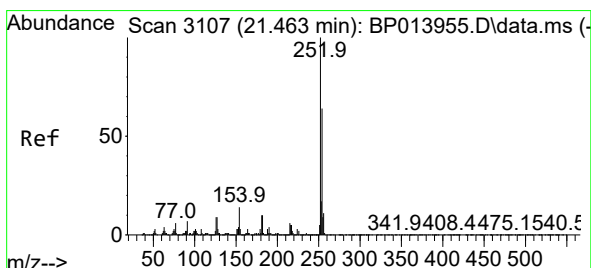
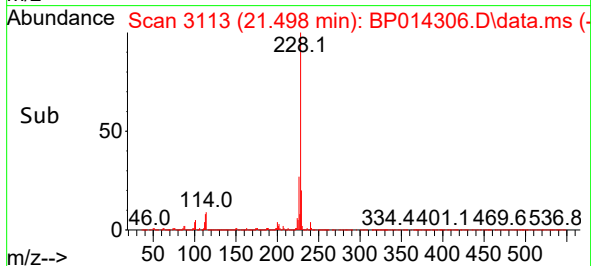
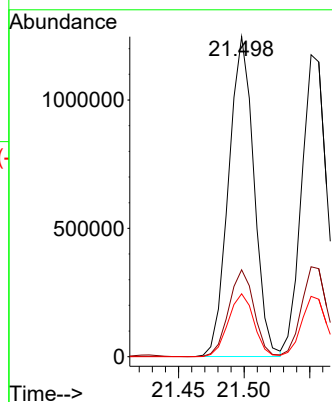
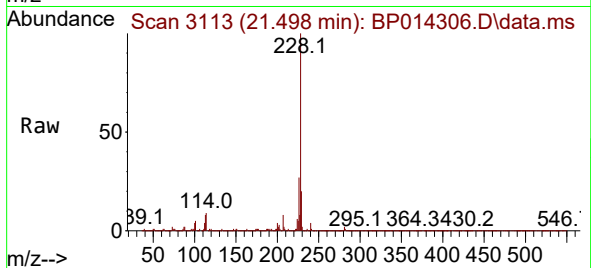
Tgt Ion:228 Resp: 1675162

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.904 ng

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

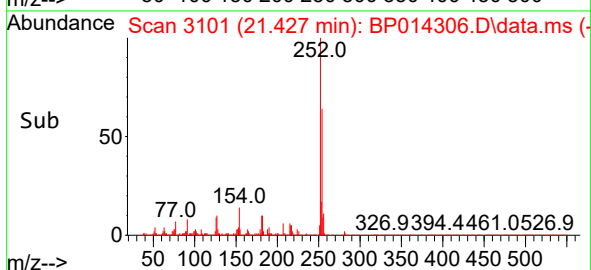
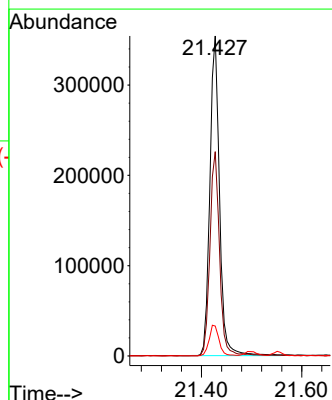
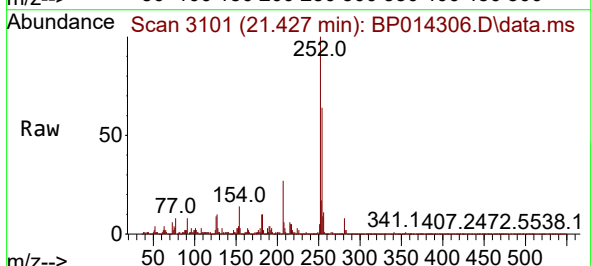
Tgt Ion:252 Resp: 473949

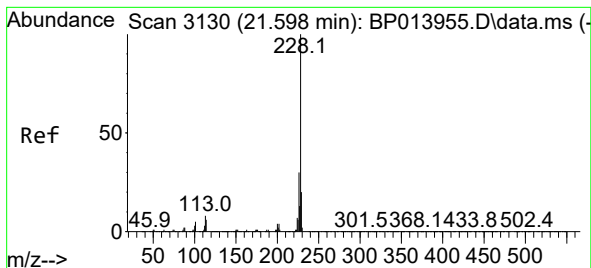
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.6

126 9.4 7.0 10.6





#83

Chrysene

Concen: 46.071 ng

RT: 21.551 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

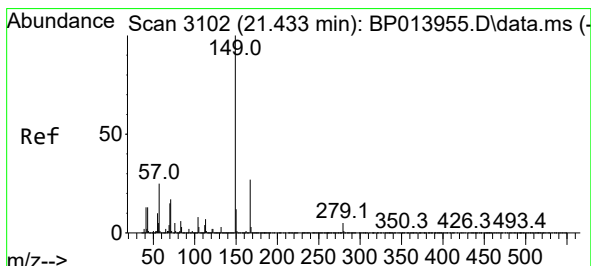
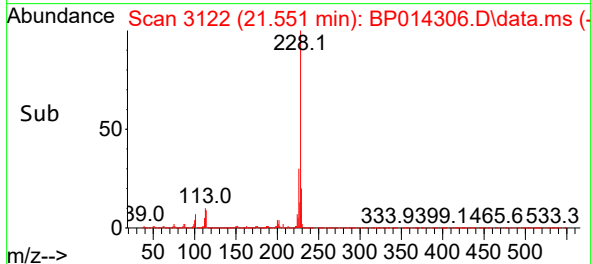
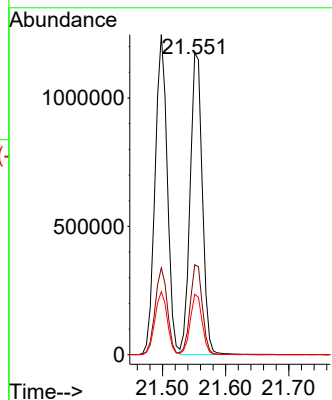
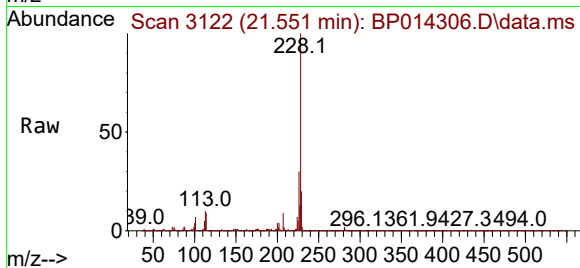
Tgt Ion:228 Resp: 1579916

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.134 ng

RT: 21.392 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

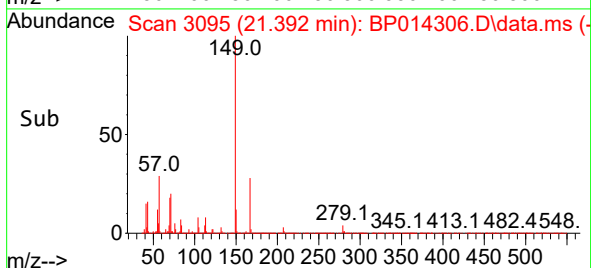
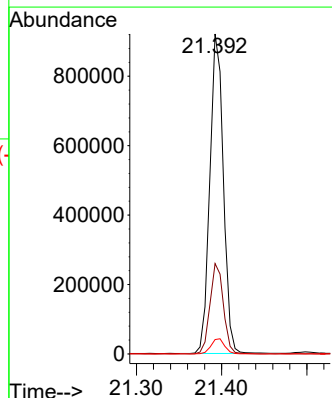
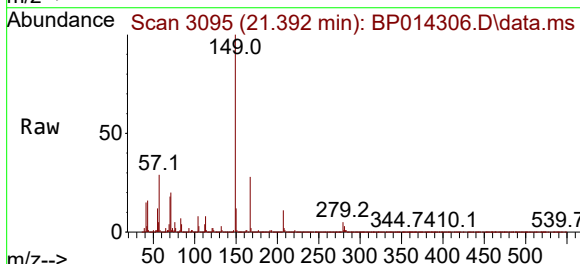
Tgt Ion:149 Resp: 1014089

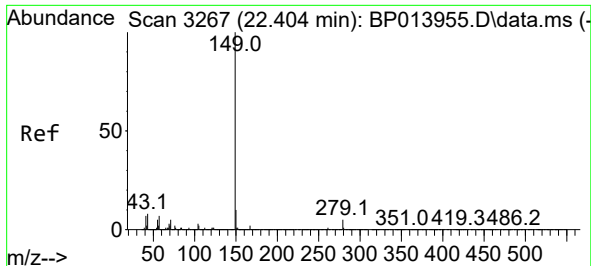
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.6

279 4.5 4.0 6.0

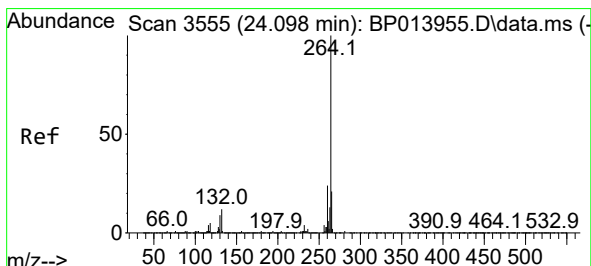
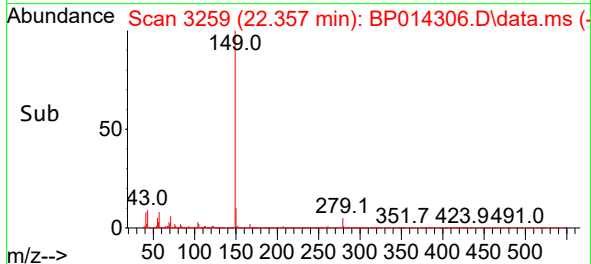
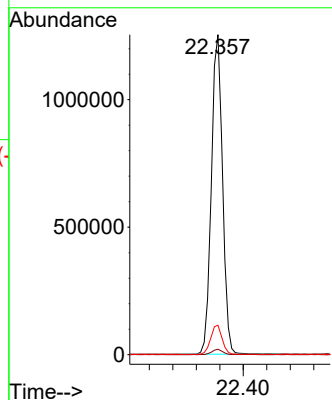
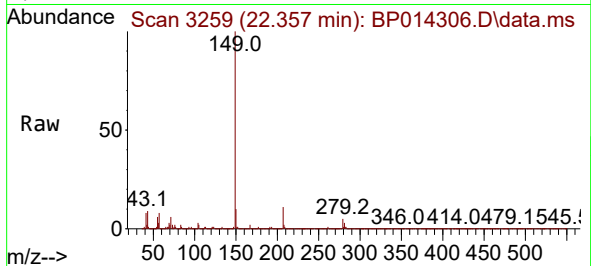




#85
Di-n-octyl phthalate
Concen: 48.245 ng
RT: 22.357 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

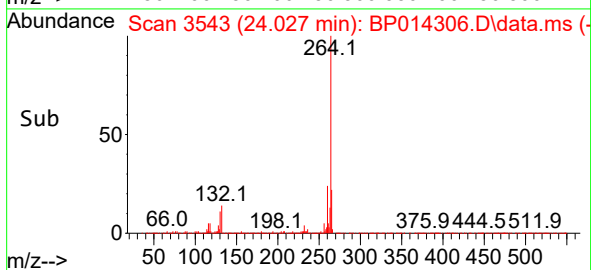
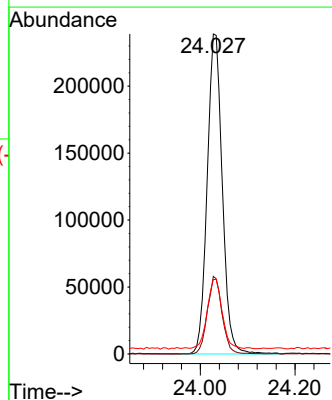
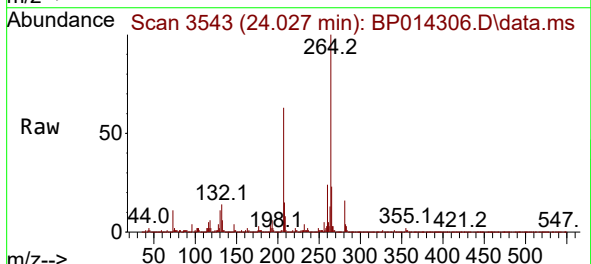
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

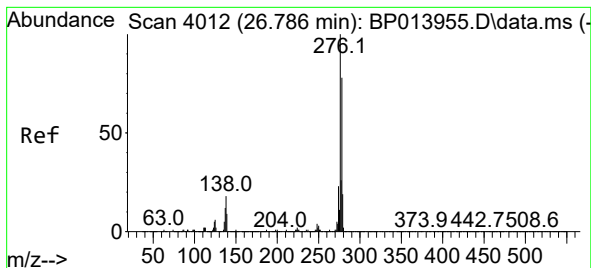
Tgt Ion:149 Resp: 1649902
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:264 Resp: 528636
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 23.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.408 ng

RT: 26.680 min Scan# 3412

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

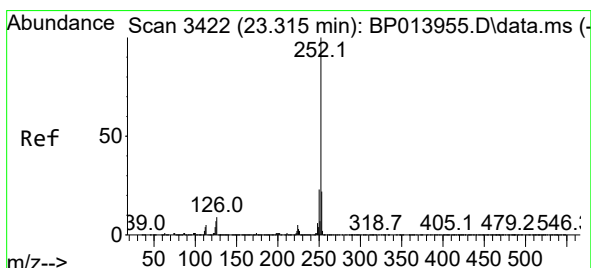
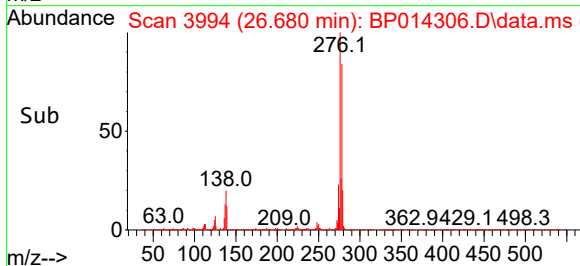
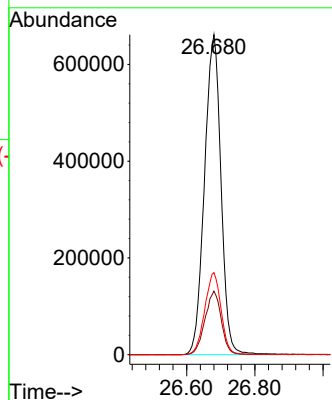
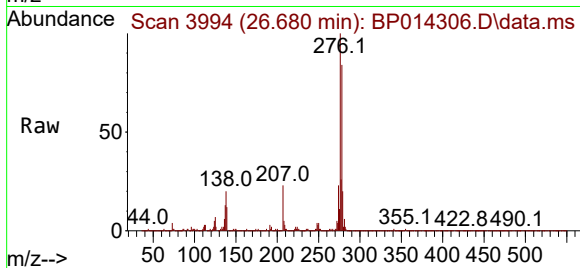
Tgt Ion:276 Resp: 2222346

Ion Ratio Lower Upper

276 100

138 19.7 13.8 20.8

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.835 ng

RT: 23.257 min Scan# 3412

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

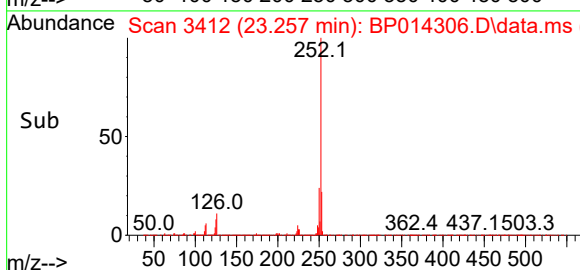
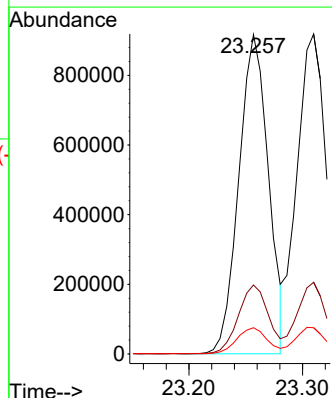
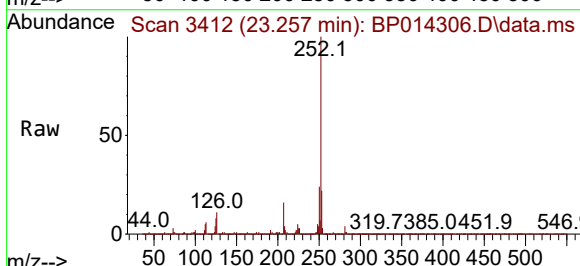
Tgt Ion:252 Resp: 1655823

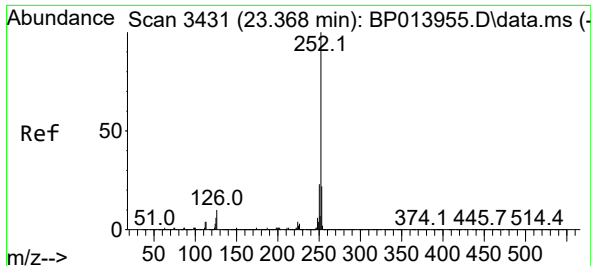
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.2 5.6 8.4

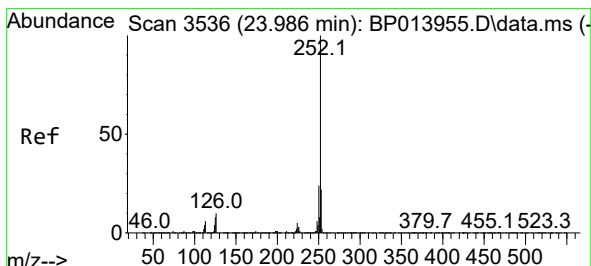
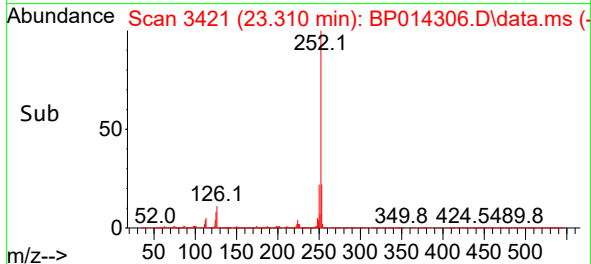
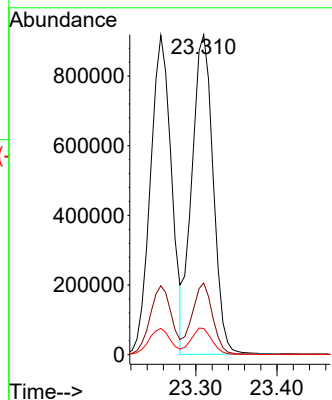
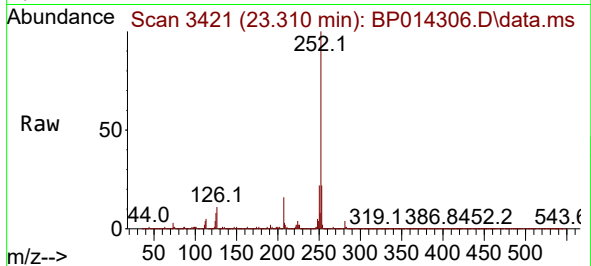




#89
Benzo(k)fluoranthene
Concen: 48.729 ng
RT: 23.310 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

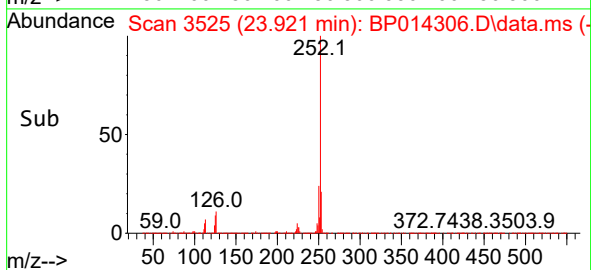
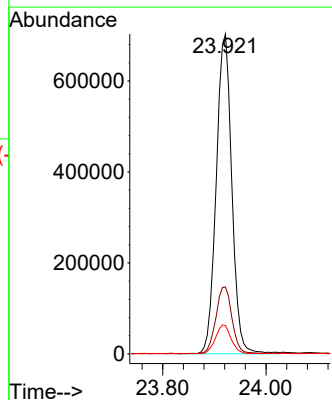
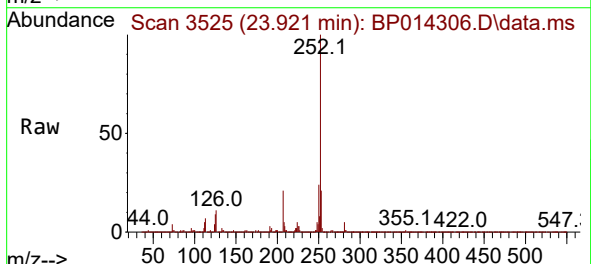
Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MSD

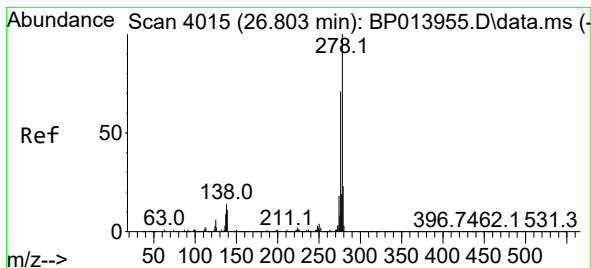
Tgt Ion:252 Resp: 1672402
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.2 5.4 8.0#



#90
Benzo(a)pyrene
Concen: 44.475 ng
RT: 23.921 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BP014306.D
Acq: 25 Mar 2023 01:14

Tgt Ion:252 Resp: 1468435
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.2
125 8.9 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 54.832 ng

RT: 26.692 min Scan# 3996

Delta R.T. -0.006 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Instrument :

BNA_P

ClientSampleId :

JPP-6E-032023MSD

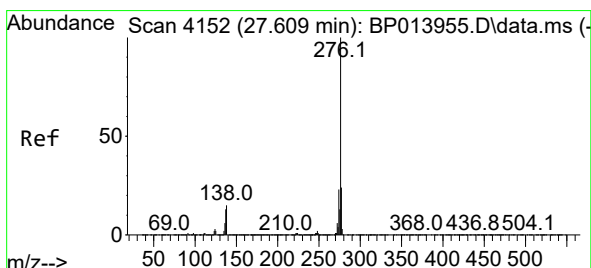
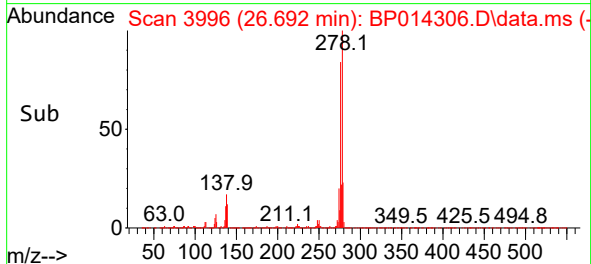
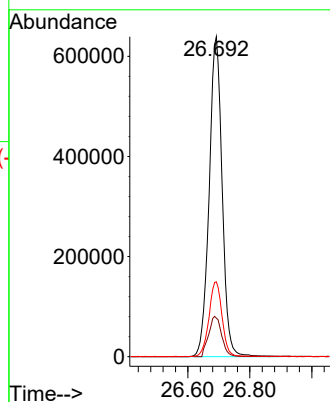
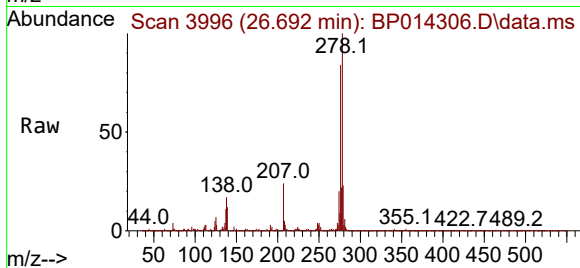
Tgt Ion:278 Resp: 1861971

Ion Ratio Lower Upper

278 100

139 12.0 8.7 13.1

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 55.450 ng

RT: 27.492 min Scan# 4132

Delta R.T. -0.012 min

Lab File: BP014306.D

Acq: 25 Mar 2023 01:14

Tgt Ion:276 Resp: 1866031

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 16.7 12.2 18.4

