

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091523\
 Data File : BP017193.D
 Acq On : 15 Sep 2023 18:35
 Operator : MA/JU
 Sample : 04324-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJA8MS

Quant Time: Sep 16 03:20:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	190657	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	869622	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	562545	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1262760	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1213143	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	1164212	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	22212	4.896	ng/uL	0.00
4) Pyridine-d5	3.746	84	205979	15.871	ng/u1	0.00
7) Phenol-d5	7.098	99	101790	6.566	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	349228	36.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	223263	18.052	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	170948	13.305	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	215261	35.351	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	147268	22.654	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	282913	22.503	ng/u1	0.00
31) 4-Chloroaniline-d4	10.939	131	617306	32.576	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	1608029	40.169	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	1715482	37.766	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	46398	5.997	ng/u1	0.00
60) Fluorene-d10	15.604	176	1370323	39.589	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	181259	25.692	ng/u1	0.00
73) Anthracene-d10	17.480	188	2264049	42.199	ng/u1	0.00
81) Pyrene-d10	19.721	212	2722871	42.797	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2316430	42.156	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	29052	5.955	ng/uL#	89
5) Pyridine	3.763	79	237304	17.652	ng/u1	97
6) Benzaldehyde	7.104	77	320144	37.092	ng/u1	99
8) Phenol	7.128	94	120454	7.367	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.387	93	489643	37.547	ng/u1	99
12) 2-Chlorophenol	7.498	128	253772	20.215	ng/u1	97
13) 2-Methylphenol	8.393	108	204987	16.817	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	350438	19.829	ng/u1	99
16) Acetophenone	8.798	105	795683	39.566	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.769	70	423712	41.001	ng/u1	98
18) 4-Methylphenol	8.728	108	201613	14.950	ng/u1	99
19) Hexachloroethane	9.016	117	153306	29.694	ng/u1	91
22) Nitrobenzene	9.192	77	616337	38.866	ng/u1	99
23) Isophorone	9.704	82	1175221	39.547	ng/u1	100
25) 2-Nitrophenol	9.892	139	180362	24.963	ng/u1	94
26) 2,4-Dimethylphenol	9.934	107	296206	20.116	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.192	93	712757	38.268	ng/u1	100
29) 2,4-Dichlorophenol	10.416	162	305107	23.975	ng/u1	100
30) Naphthalene	10.828	128	1605605	36.487	ng/u1	99
32) 4-Chloroaniline	10.963	127	530440	28.685	ng/u1	98
33) Hexachlorobutadiene	11.051	225	272056	31.483	ng/u1	98
34) Caprolactam	11.786	113	25618	6.404	ng/u1	97
35) 4-Chloro-3-methylphenol	12.057	107	337422	24.505	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	1109038	37.350	ng/u1	98

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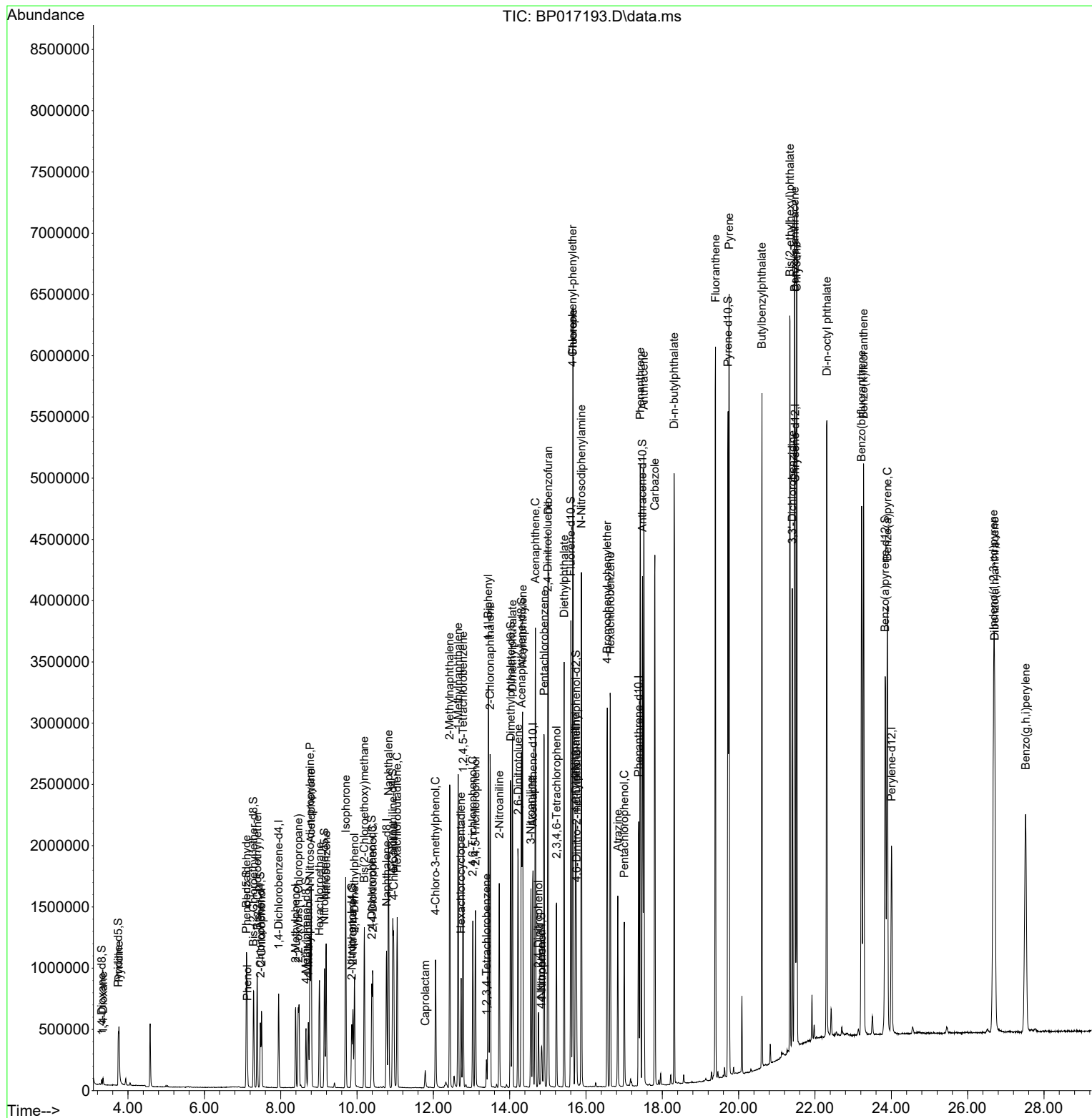
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	1095520	36.449	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	621891	37.117	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	224787	21.533	ng/ul	98
41) 2,4,6-Trichlorophenol	13.033	196	285090	26.785	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	318684	28.163	ng/ul	98
43) 1,1'-Biphenyl	13.439	154	1570219	38.926	ng/ul	99
44) 2-Chloronaphthalene	13.486	162	1246840	38.923	ng/ul	100
45) 2-Nitroaniline	13.728	65	417163	48.077	ng/ul	98
47) Dimethylphthalate	14.075	163	1757322	43.243	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	353690	47.606	ng/ul	98
50) Acenaphthylene	14.339	152	2034293	38.767	ng/ul	99
51) 3-Nitroaniline	14.557	138	343133	43.173	ng/ul	99
52) Acenaphthene	14.675	153	1403463	40.417	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	111336	21.395	ng/ul	96
55) 4-Nitrophenol	14.839	109	44525	7.190	ng/ul	95
56) Dibenzofuran	15.010	168	2034561	42.398	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	526753	47.614	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.227	232	277272	27.931	ng/ul	96
59) Diethylphthalate	15.427	149	1780596	44.379	ng/ul	99
61) Fluorene	15.663	166	1710837	43.123	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	866682	42.967	ng/ul	99
63) 4-Nitroaniline	15.727	138	346270	46.863	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	203477	26.874	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	1461078	44.499	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	543334	45.139	ng/ul	95
69) Hexachlorobenzene	16.639	284	641211	45.006	ng/ul	98
70) Atrazine	16.833	200	245691	20.672	ng/ul	98
71) Pentachlorophenol	17.004	266	219634	23.721	ng/ul	99
72) Phenanthrene	17.421	178	2819409	44.429	ng/ul	100
74) Anthracene	17.516	178	2856782	44.448	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	62457	3.577	ng/uL	99
76) Pentachlorobenzene	14.904	250	717166	45.268	ng/uL	100
77) Carbazole	17.804	167	2590465	45.901	ng/ul	99
78) Di-n-butylphthalate	18.310	149	3167674	49.256	ng/ul	99
80) Fluoranthene	19.392	202	3427707	46.093	ng/ul	100
82) Pyrene	19.751	202	3571858	45.457	ng/ul	100
83) Butylbenzylphthalate	20.610	149	1427879	50.952	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	1010083	40.612	ng/ul	99
85) Benzo(a)anthracene	21.468	228	3478024	43.786	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	2057151	52.292	ng/ul	99
87) Chrysene	21.521	228	3277108	44.352	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	3398130	52.640	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3195774	46.569	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	3251197	47.657	ng/ul	100
93) Benzo(a)pyrene	23.898	252	2761212	43.370	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.680	276	3131471	44.418	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	2629427	44.399	ng/ul	99
96) Benzo(g,h,i)perylene	27.521	276	2430959	44.593	ng/ul	98

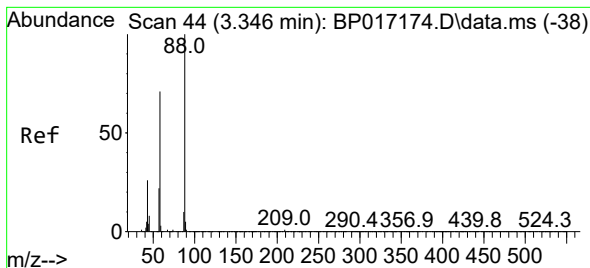
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#2

1,4-Dioxane

Concen: 5.955 ng/uL

RT: 3.346 min Scan# 44

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

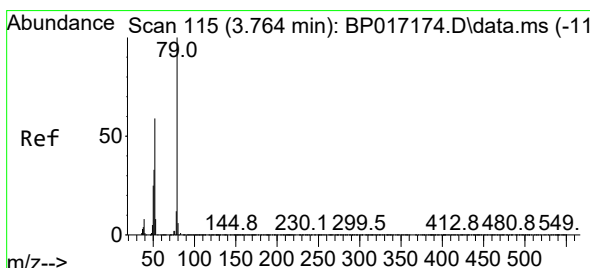
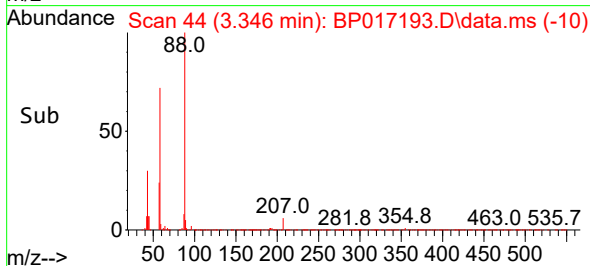
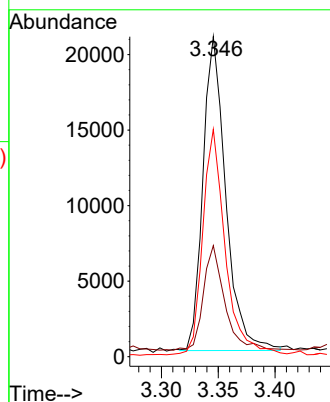
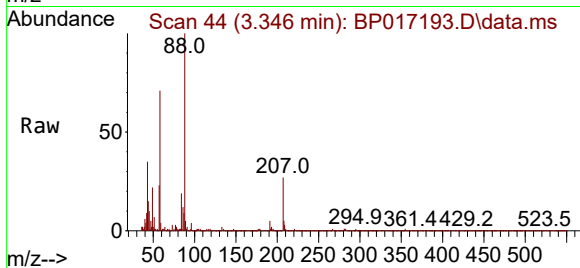
Tgt Ion: 88 Resp: 29052

Ion Ratio Lower Upper

88 100

43 34.7 21.9 32.9#

58 71.0 50.8 76.2



#5

Pyridine

Concen: 17.652 ng/uL

RT: 3.763 min Scan# 115

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

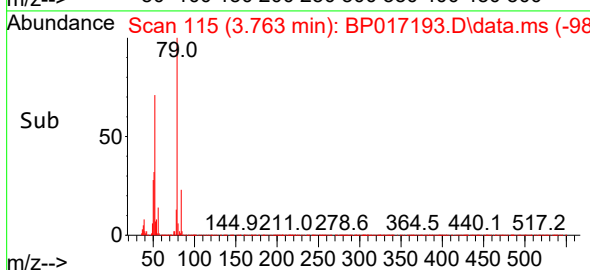
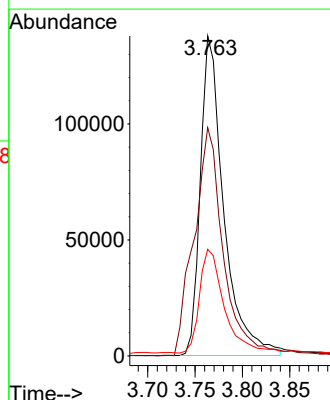
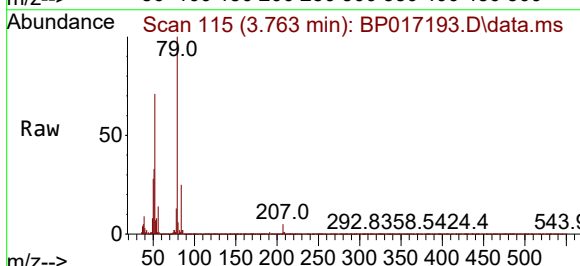
Tgt Ion: 79 Resp: 237304

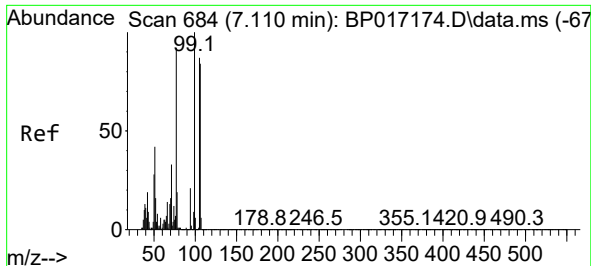
Ion Ratio Lower Upper

79 100

52 71.4 54.5 81.7

51 33.4 27.0 40.6

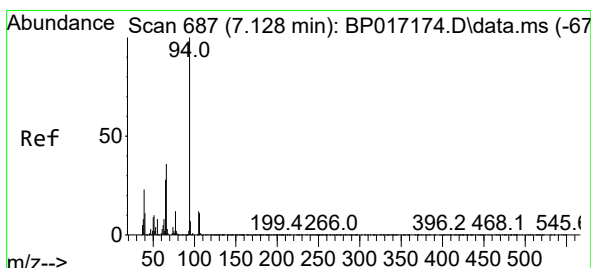
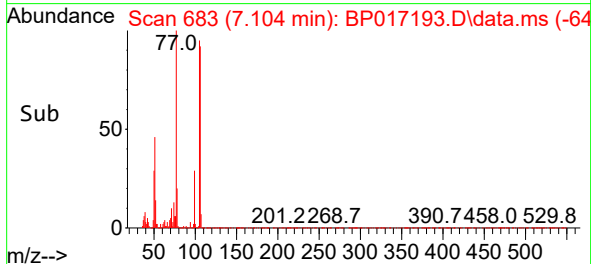
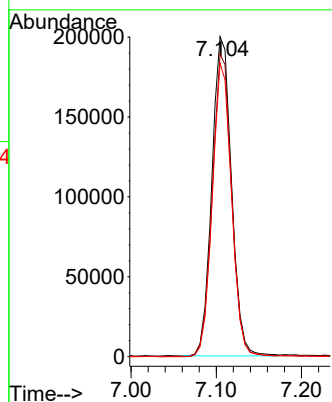
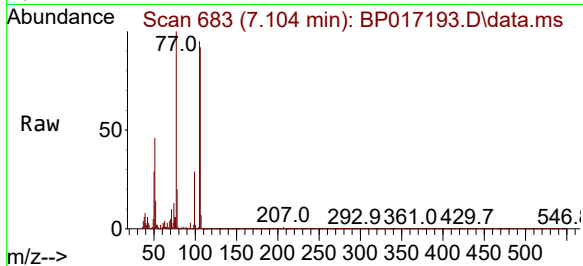




#6
Benzaldehyde
Concen: 37.092 ng/ul
RT: 7.104 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

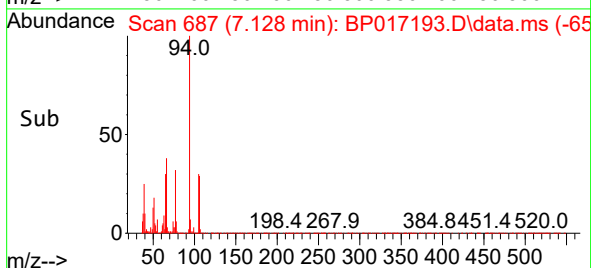
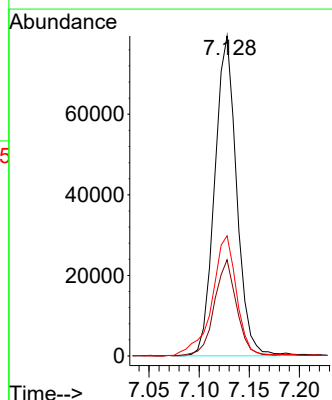
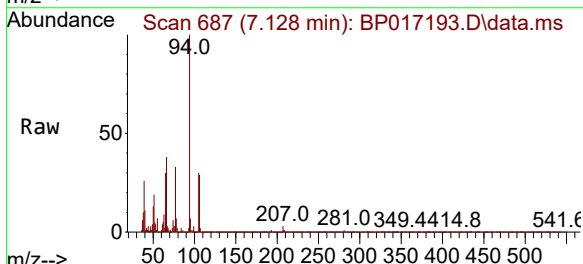
Instrument :
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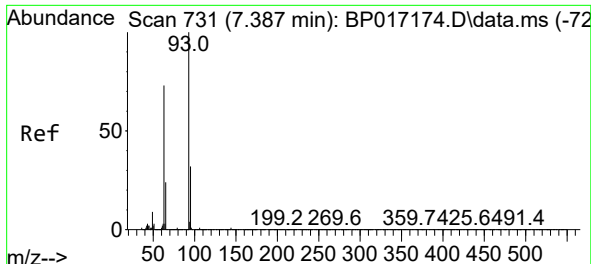
Tgt Ion: 77 Resp: 320144
Ion Ratio Lower Upper
77 100
105 94.6 75.3 112.9
106 91.7 74.6 111.8



#8
Phenol
Concen: 7.367 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion: 94 Resp: 120454
Ion Ratio Lower Upper
94 100
65 30.1 22.7 34.1
66 37.6 29.6 44.4



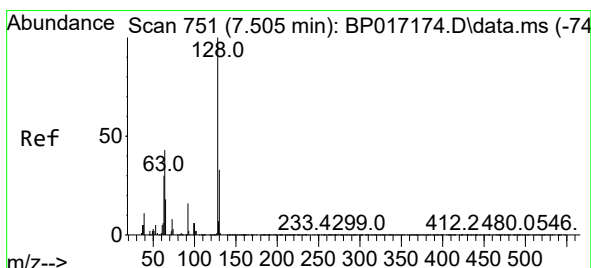
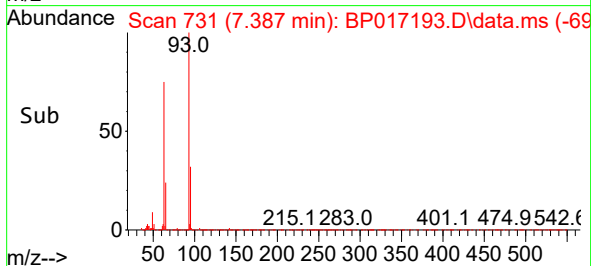
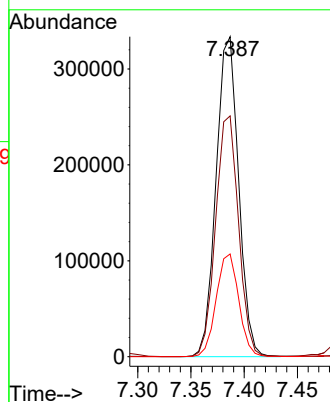
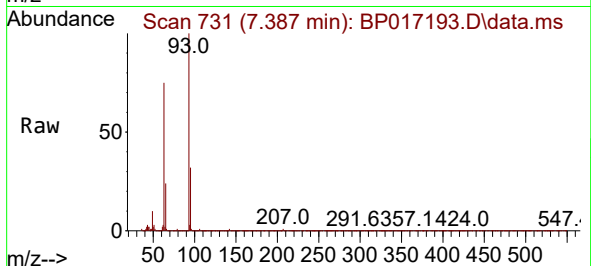


#10
 Bis(2-Chloroethyl)ether
 Concen: 37.547 ng/ul
 RT: 7.387 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BP017193.D
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Instrument :
 BNA_P
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Tgt Ion: 93 Resp: 489643

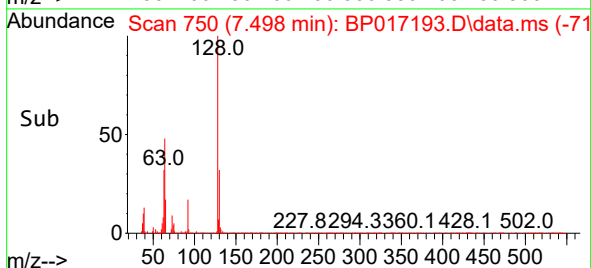
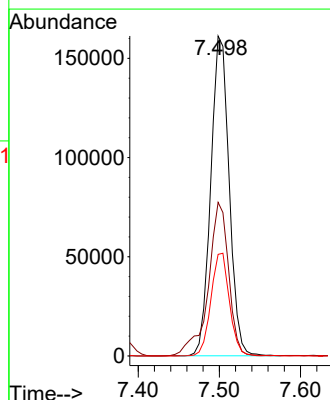
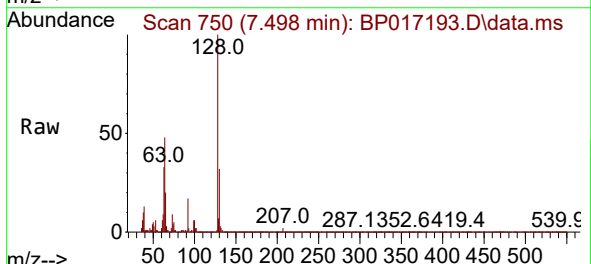
Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.5	89.3
95	32.1	25.8	38.6

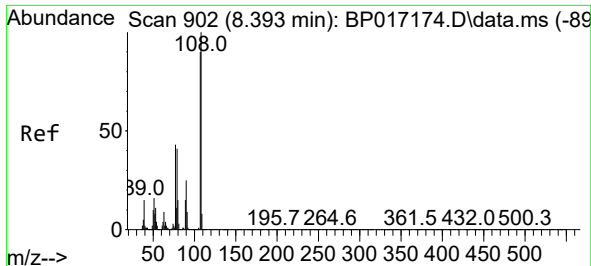


#12
 2-Chlorophenol
 Concen: 20.215 ng/ul
 RT: 7.498 min Scan# 750
 Delta R.T. -0.000 min
 Lab File: BP017193.D
 Acq: 15 Sep 2023 18:35

Tgt Ion:128 Resp: 253772

Ion	Ratio	Lower	Upper
128	100		
64	48.0	36.8	55.2
130	31.7	26.3	39.5





#13

2-Methylphenol

Concen: 16.817 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

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ClientSampleId :

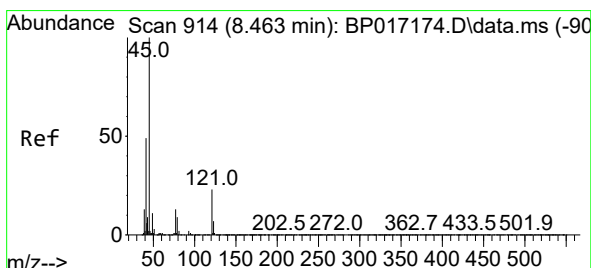
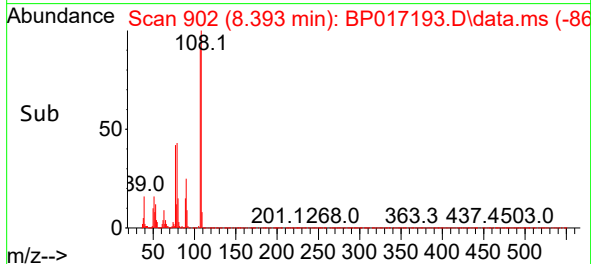
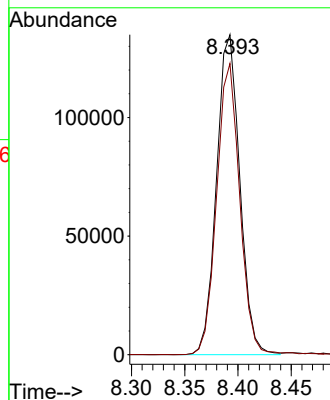
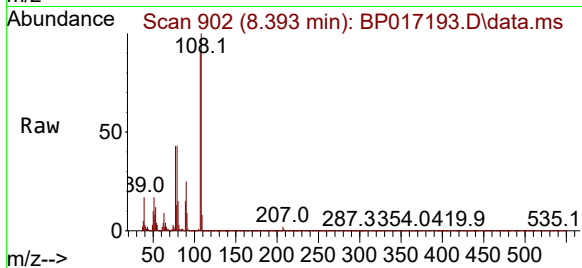
BBJA8MS

Tgt Ion:108 Resp: 204987

Ion Ratio Lower Upper

108 100

107 91.0 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.829 ng/ul

RT: 8.463 min Scan# 914

Delta R.T. 0.006 min

Lab File: BP017193.D

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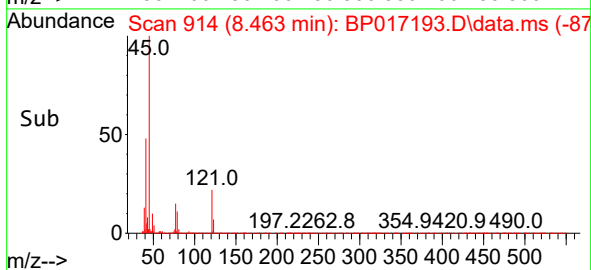
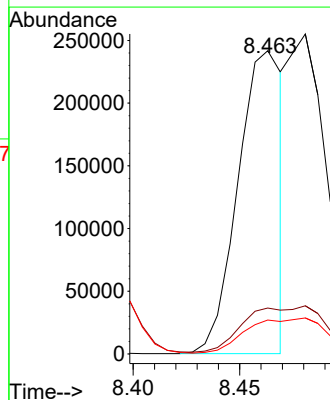
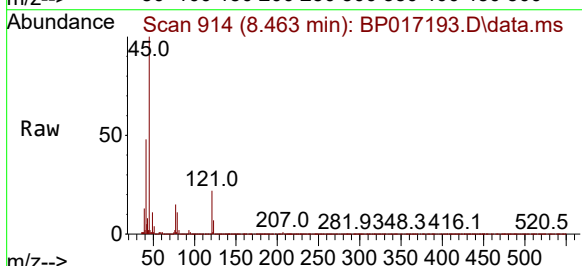
Tgt Ion: 45 Resp: 350438

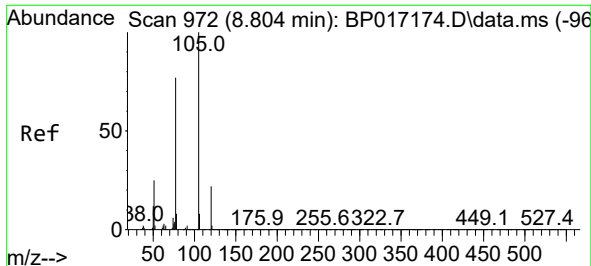
Ion Ratio Lower Upper

45 100

77 15.2 12.5 18.7

79 11.2 8.8 13.2

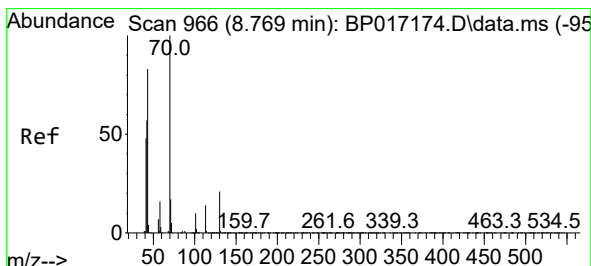
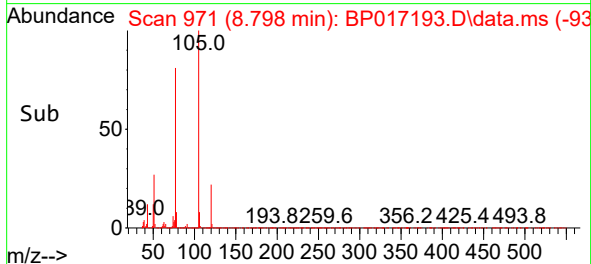
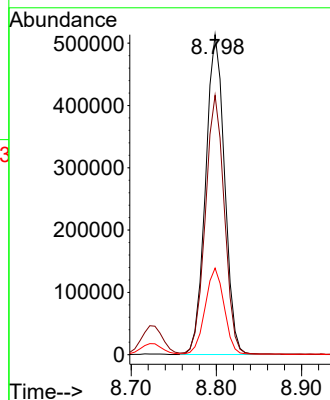
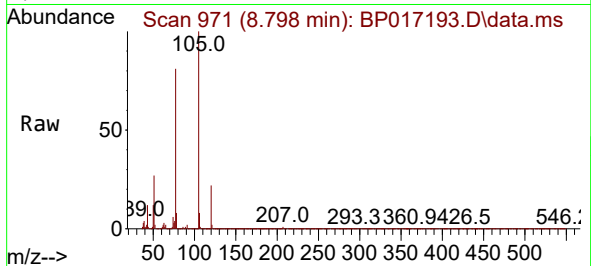




#16
Acetophenone
Concen: 39.566 ng/ul
RT: 8.798 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

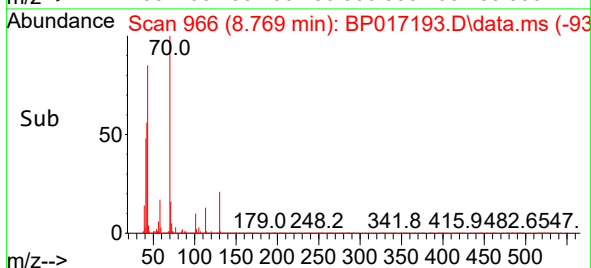
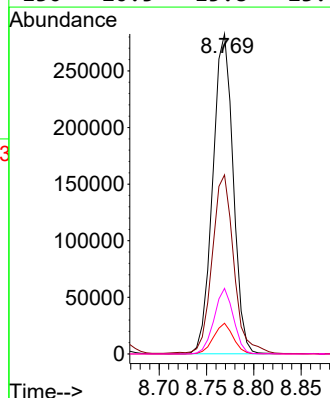
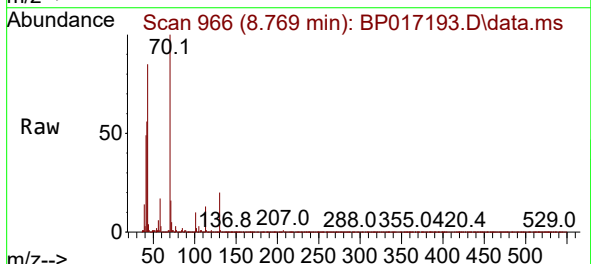
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

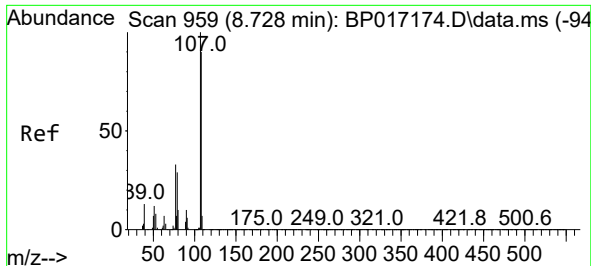
Tgt Ion:105 Resp: 795683
Ion Ratio Lower Upper
105 100
77 81.0 63.0 94.4
51 27.0 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 41.001 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion: 70 Resp: 423712
Ion Ratio Lower Upper
70 100
42 56.0 43.9 65.9
101 9.6 7.0 10.4
130 20.5 15.8 23.6

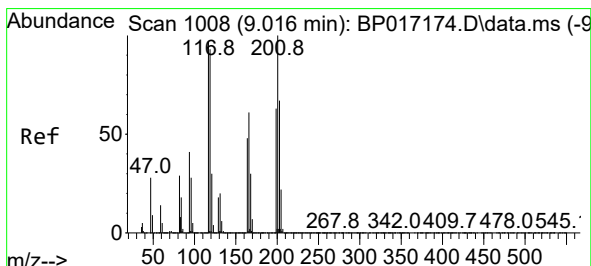
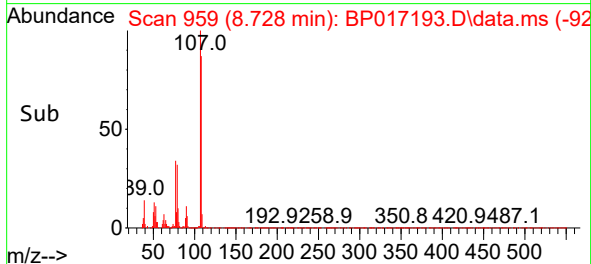
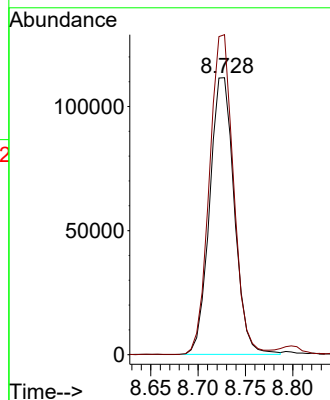
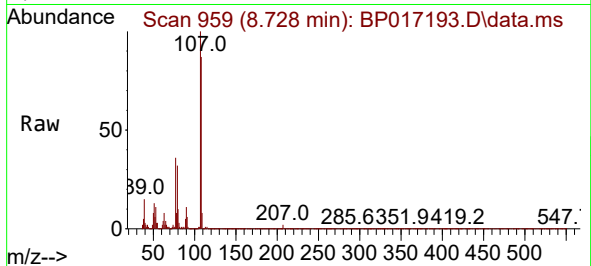




#18
4-Methylphenol
Concen: 14.950 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. 0.005 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

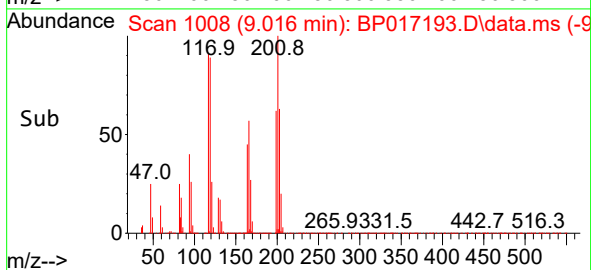
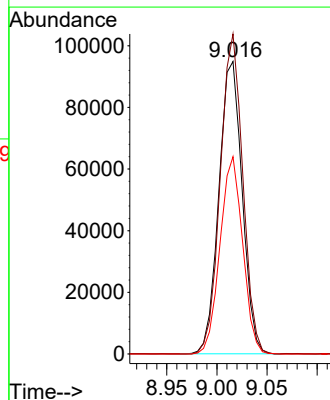
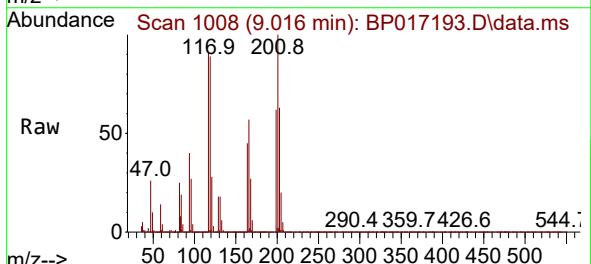
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

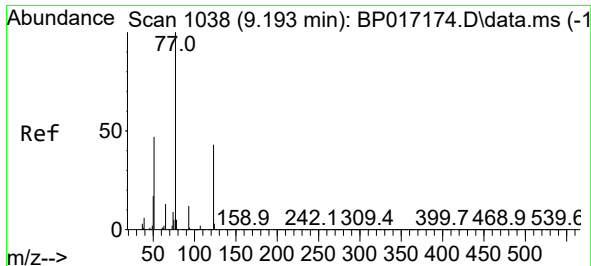
Tgt Ion:108 Resp: 201613
Ion Ratio Lower Upper
108 100
107 115.5 91.4 137.0



#19
Hexachloroethane
Concen: 29.694 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:117 Resp: 153306
Ion Ratio Lower Upper
117 100
201 109.4 79.9 119.9
199 67.5 49.4 74.2

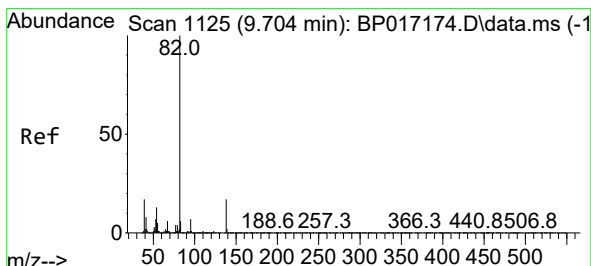
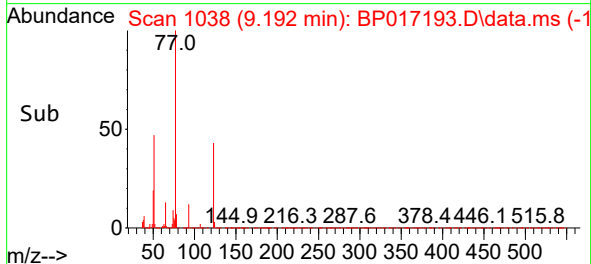
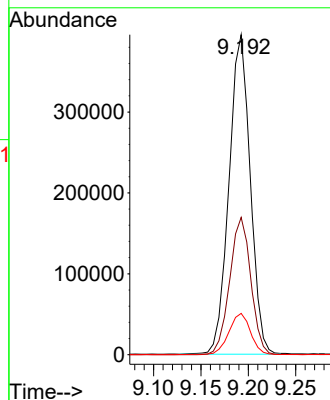
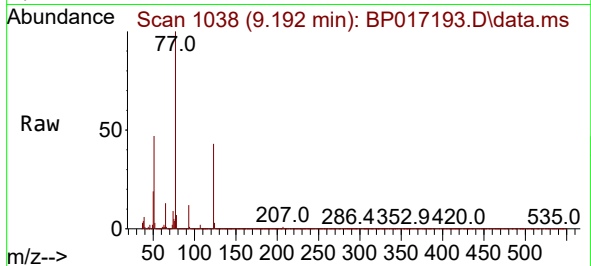




#22
Nitrobenzene
Concen: 38.866 ng/ul
RT: 9.192 min Scan# 1038
Delta R.T. 0.005 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

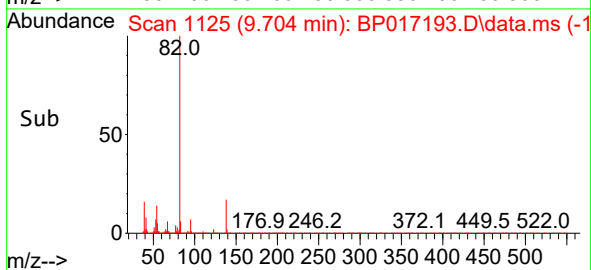
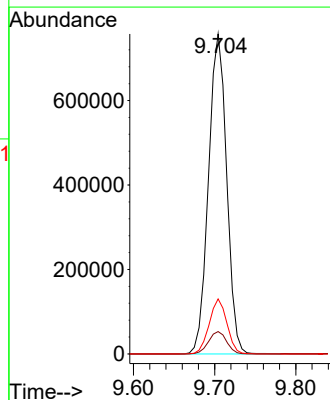
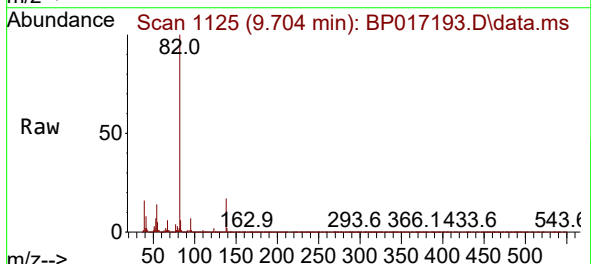
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

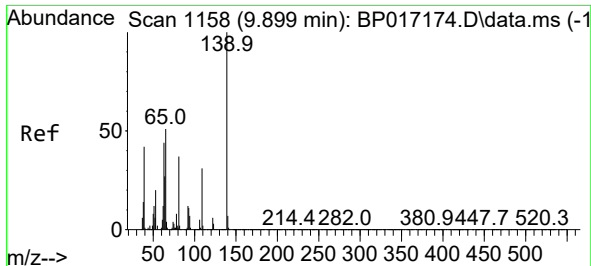
Tgt Ion: 77 Resp: 616337
Ion Ratio Lower Upper
77 100
123 42.9 34.6 51.8
65 12.9 10.6 16.0



#23
Isophorone
Concen: 39.547 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion: 82 Resp: 1175221
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.2 14.0 21.0

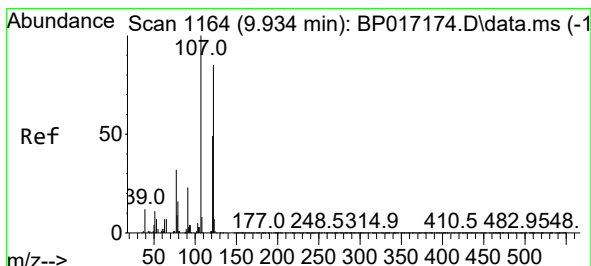
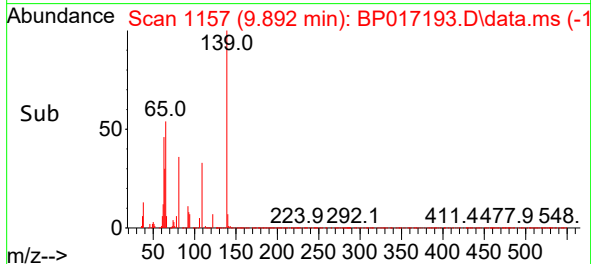
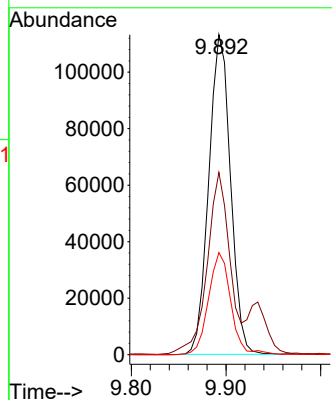
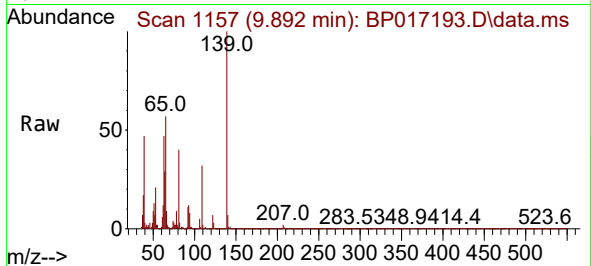




#25
2-Nitrophenol
Concen: 24.963 ng/ul
RT: 9.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

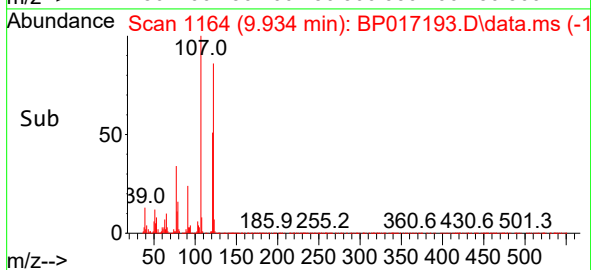
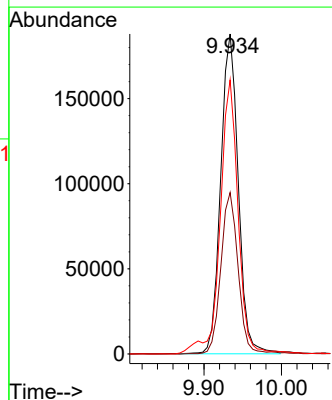
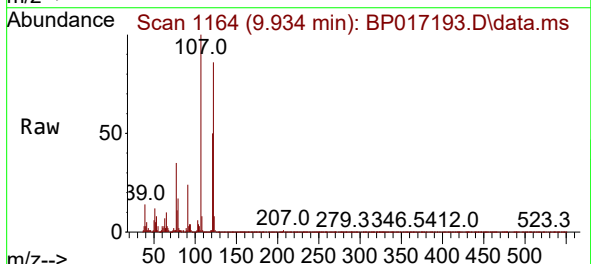
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

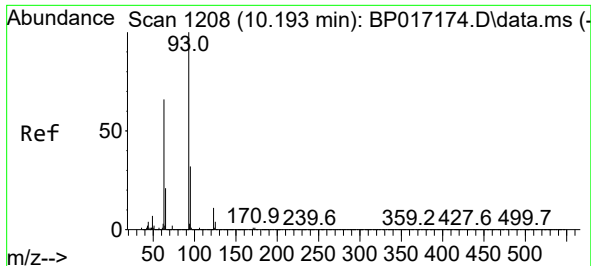
Tgt Ion:139 Resp: 180362
Ion Ratio Lower Upper
139 100
65 56.9 41.9 62.9
109 31.9 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 20.116 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:107 Resp: 296206
Ion Ratio Lower Upper
107 100
121 50.5 41.7 62.5
122 85.6 70.4 105.6

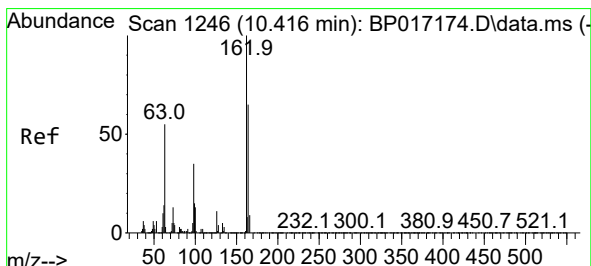
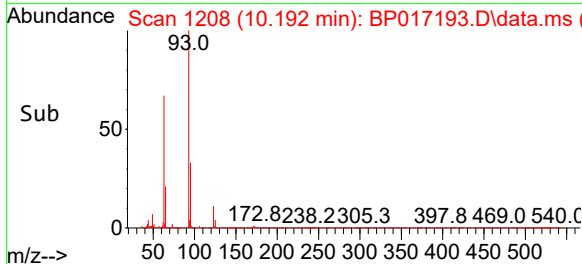
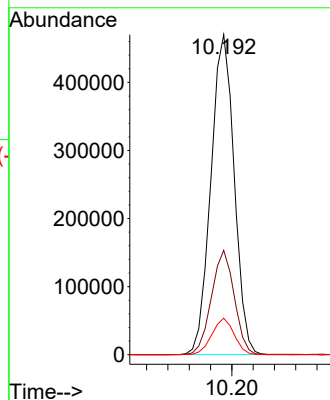
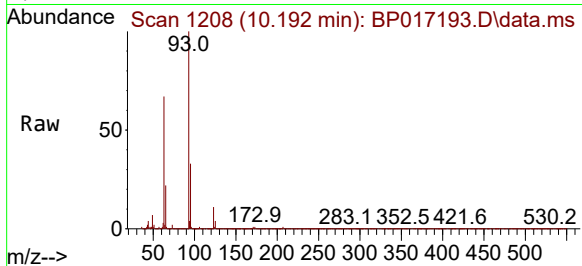




#27
 Bis(2-Chloroethoxy)methane
 Concen: 38.268 ng/ul
 RT: 10.192 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: BP017193.D
 Acq: 15 Sep 2023 18:35

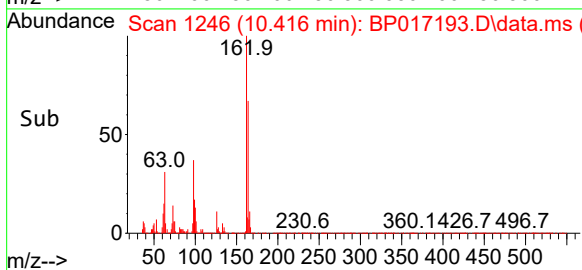
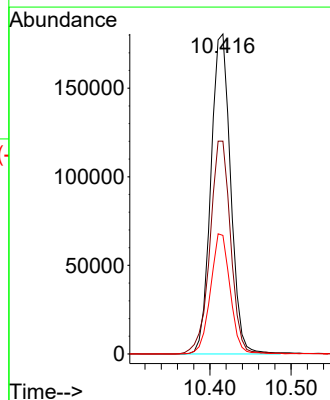
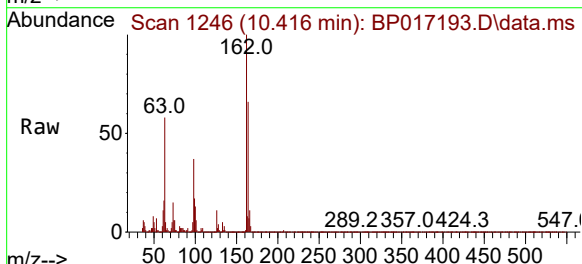
Instrument :
 BNA_P
 ClientSampleId :
 BBJA8MS

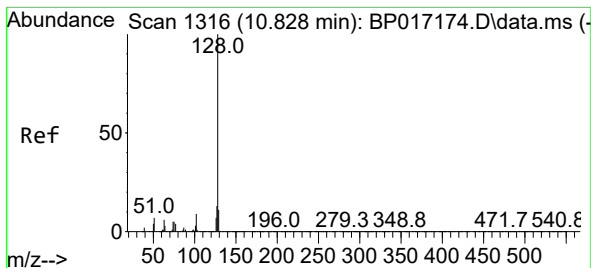
Tgt Ion: 93 Resp: 712757
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.2 39.4
 123 11.4 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 23.975 ng/ul
 RT: 10.416 min Scan# 1246
 Delta R.T. 0.005 min
 Lab File: BP017193.D
 Acq: 15 Sep 2023 18:35

Tgt Ion:162 Resp: 305107
 Ion Ratio Lower Upper
 162 100
 164 66.5 53.2 79.8
 98 37.0 30.0 45.0





#30

Naphthalene

Concen: 36.487 ng/ul

RT: 10.828 min Scan# 1316

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

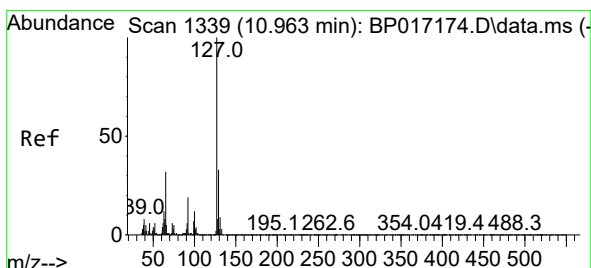
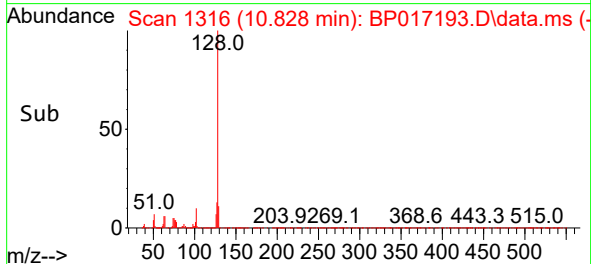
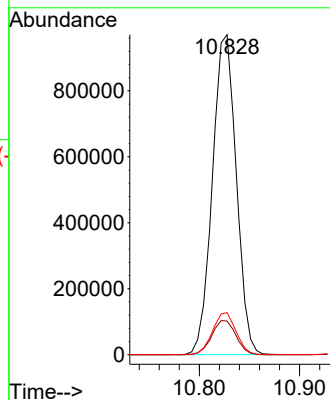
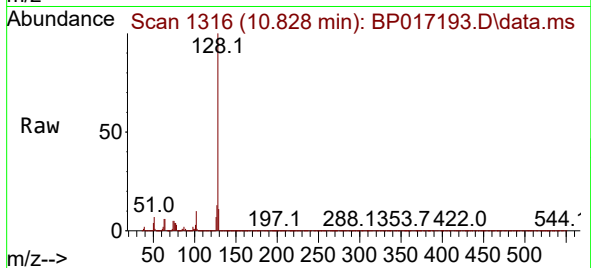
Tgt Ion:128 Resp: 1605605

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

127 13.1 10.4 15.6



#32

4-Chloroaniline

Concen: 28.685 ng/ul

RT: 10.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BP017193.D

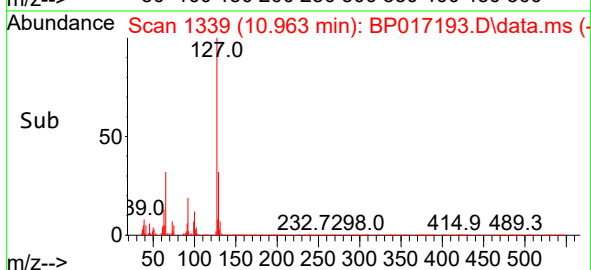
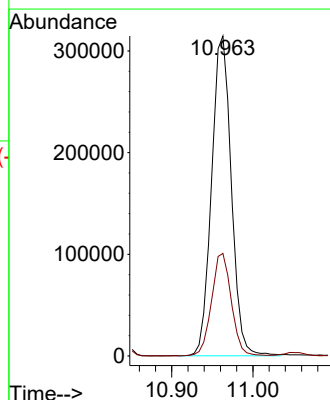
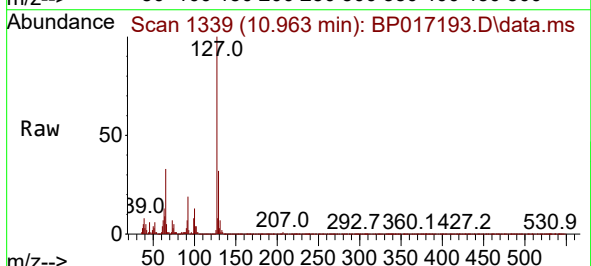
Acq: 15 Sep 2023 18:35

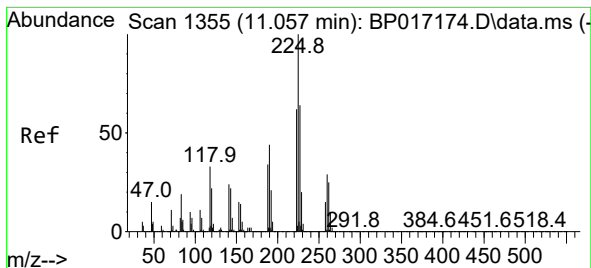
Tgt Ion:127 Resp: 530440

Ion Ratio Lower Upper

127 100

129 32.1 24.8 37.2





#33

Hexachlorobutadiene

Concen: 31.483 ng/ul

RT: 11.051 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

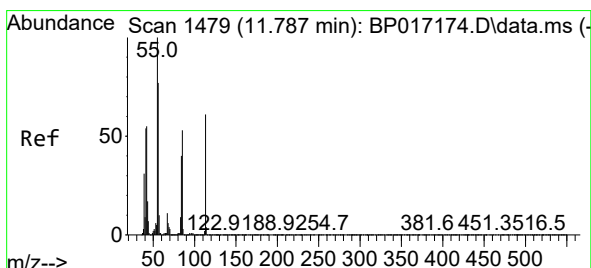
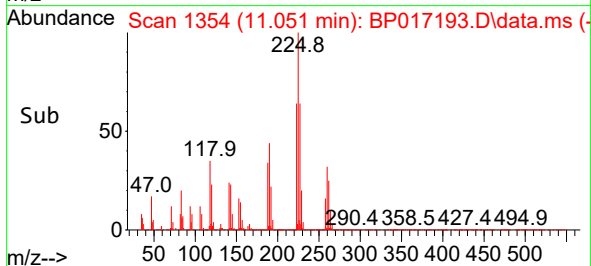
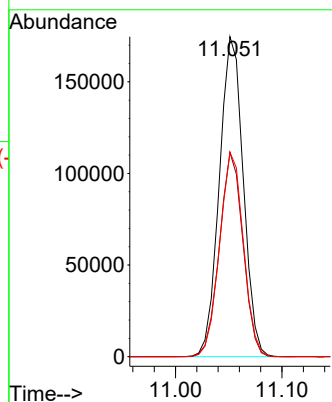
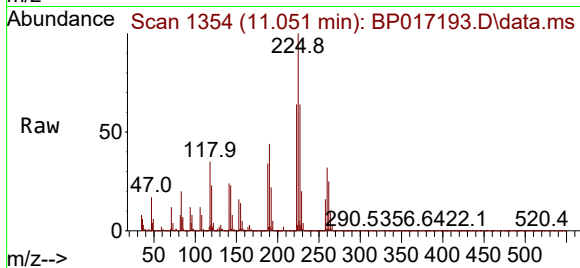
Tgt Ion:225 Resp: 272056

Ion Ratio Lower Upper

225 100

223 63.8 49.0 73.4

227 63.9 50.2 75.4



#34

Caprolactam

Concen: 6.404 ng/ul

RT: 11.786 min Scan# 1479

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

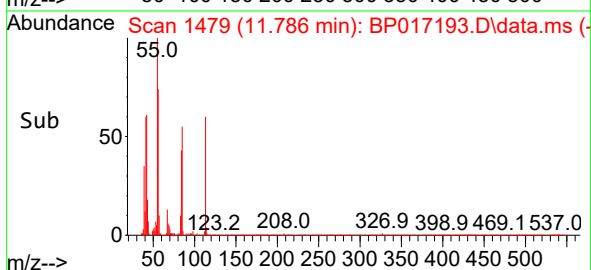
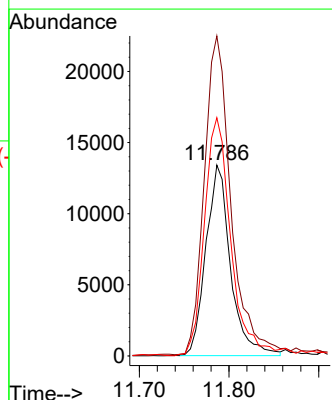
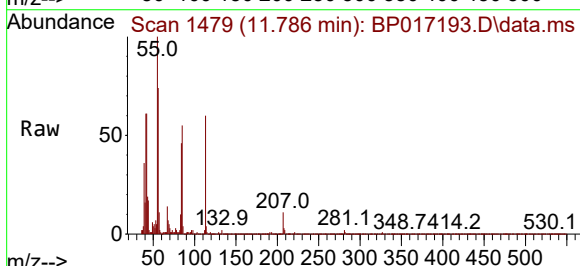
Tgt Ion:113 Resp: 25618

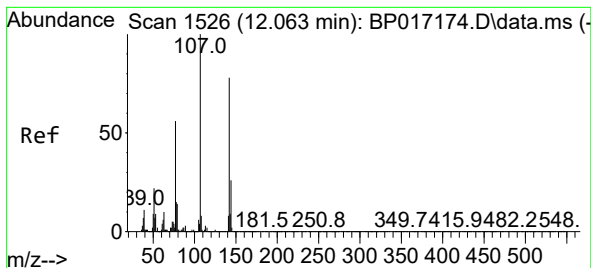
Ion Ratio Lower Upper

113 100

55 167.6 130.7 196.1

56 124.8 96.8 145.2

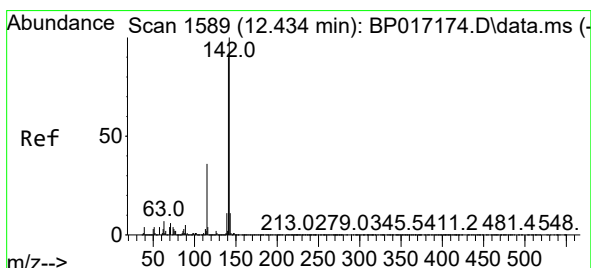
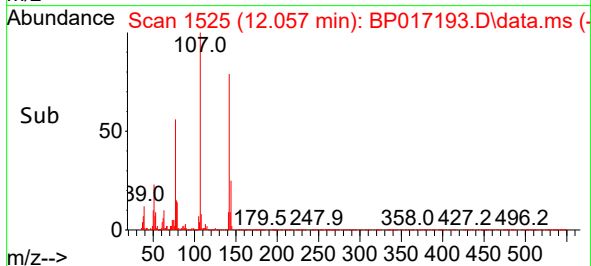
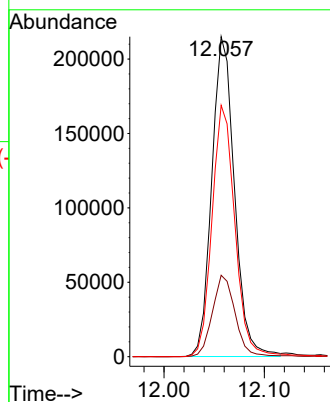
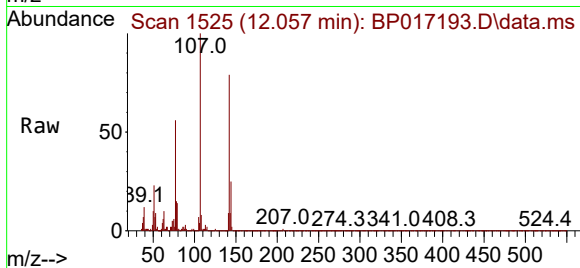




#35
4-Chloro-3-methylphenol
Concen: 24.505 ng/ul
RT: 12.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

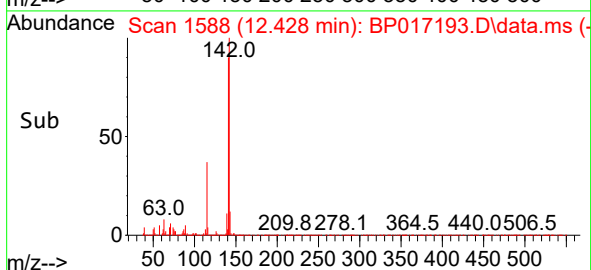
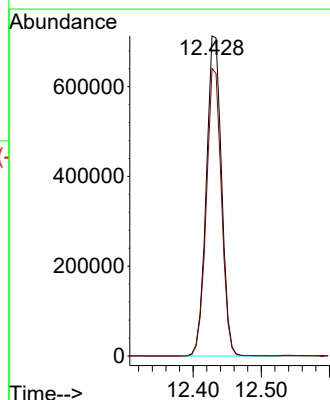
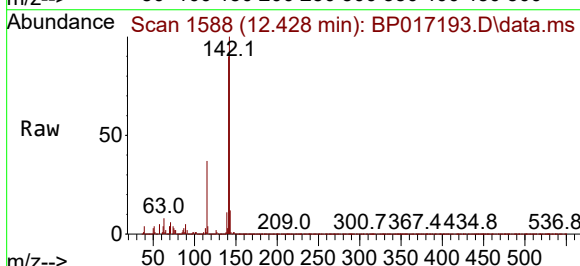
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

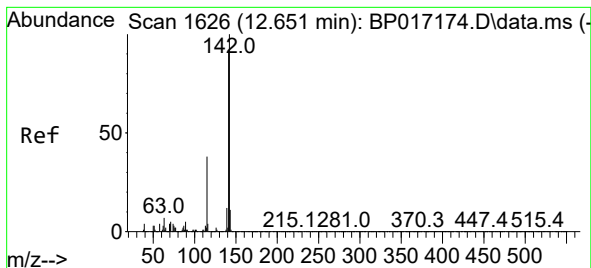
Tgt Ion:107 Resp: 337422
Ion Ratio Lower Upper
107 100
144 25.5 20.6 31.0
142 78.6 63.4 95.0



#36
2-Methylnaphthalene
Concen: 37.350 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:142 Resp: 1109038
Ion Ratio Lower Upper
142 100
141 89.8 70.1 105.1





#37

1-Methylnaphthalene

Concen: 36.449 ng/ul

RT: 12.651 min Scan# 1626

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

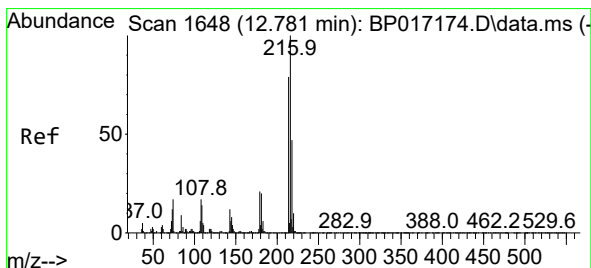
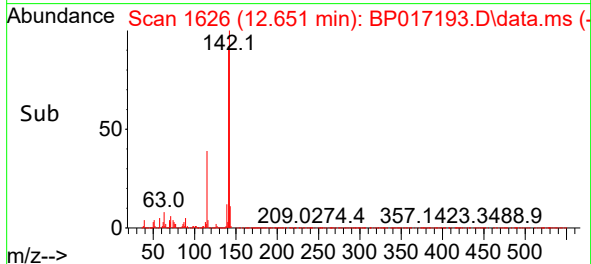
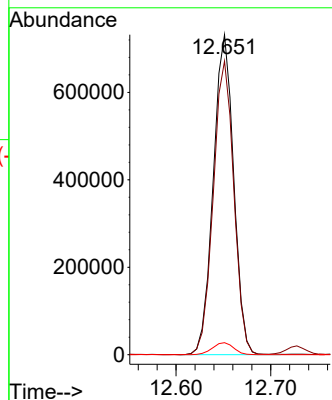
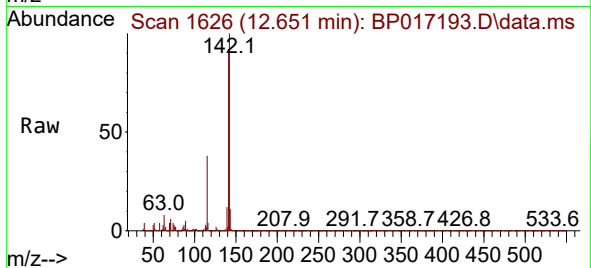
Tgt Ion:142 Resp: 1095520

Ion Ratio Lower Upper

142 100

141 91.7 74.1 111.1

116 3.7 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.117 ng/ul

RT: 12.781 min Scan# 1648

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Tgt Ion:216 Resp: 621891

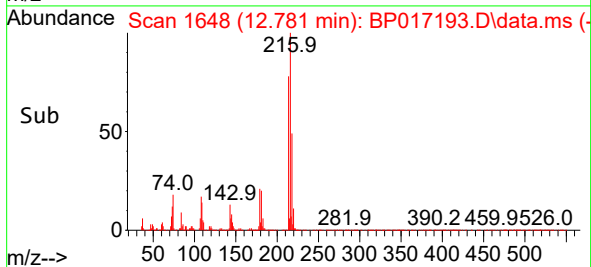
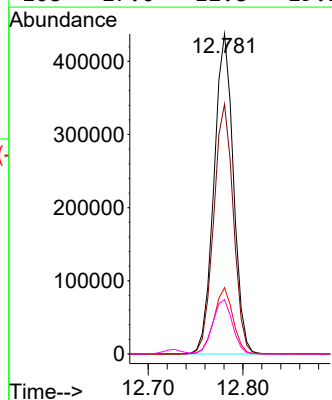
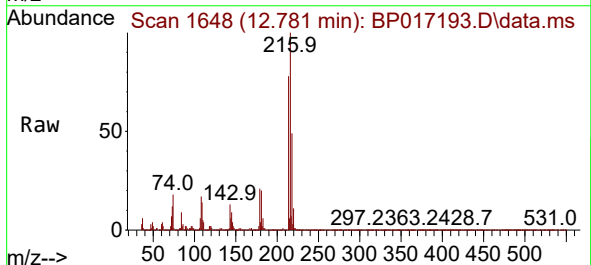
Ion Ratio Lower Upper

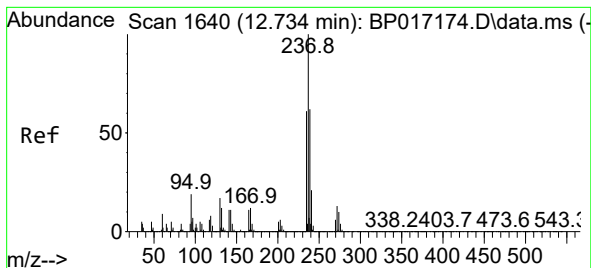
216 100

214 78.1 62.1 93.1

179 20.7 15.6 23.4

108 17.0 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 21.533 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

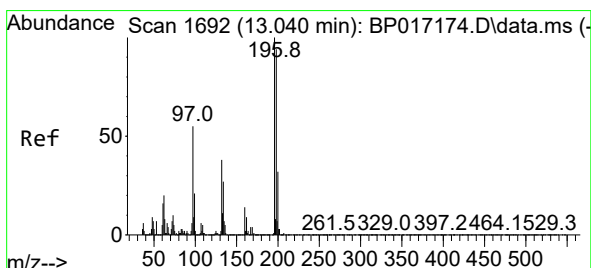
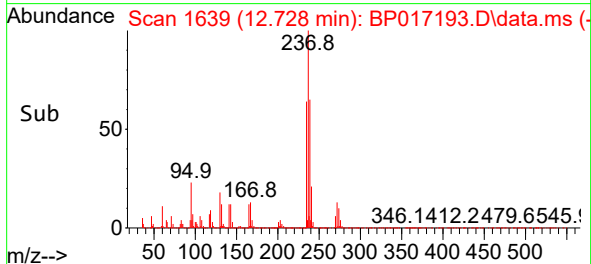
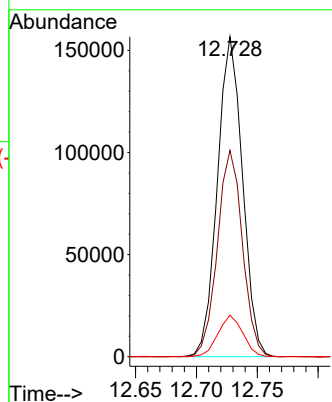
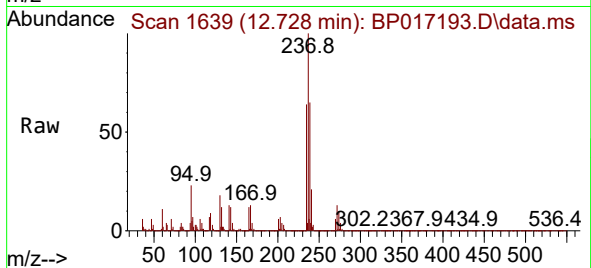
Tgt Ion:237 Resp: 224787

Ion Ratio Lower Upper

237 100

235 64.5 50.4 75.6

272 13.8 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 26.785 ng/ul

RT: 13.033 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

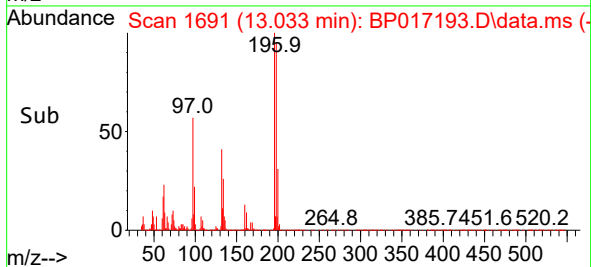
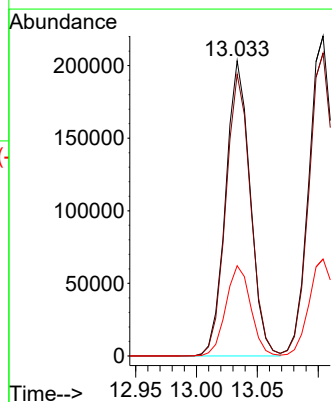
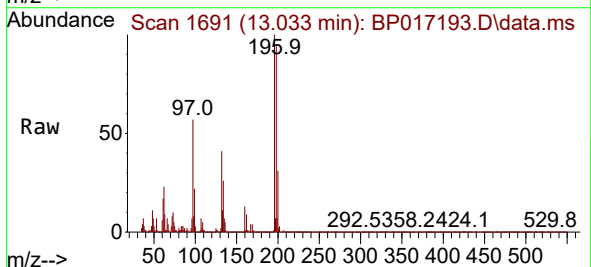
Tgt Ion:196 Resp: 285090

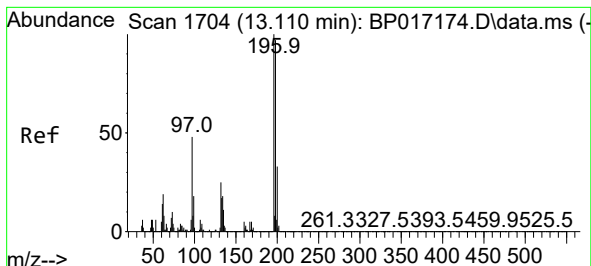
Ion Ratio Lower Upper

196 100

198 95.4 76.0 114.0

200 30.6 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 28.163 ng/ul

RT: 13.104 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

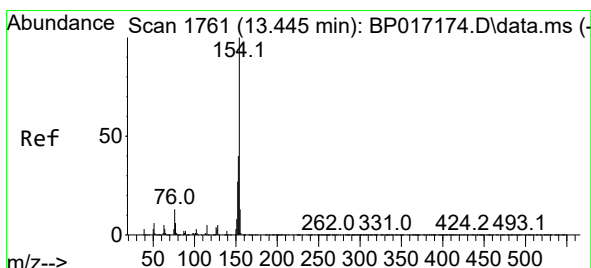
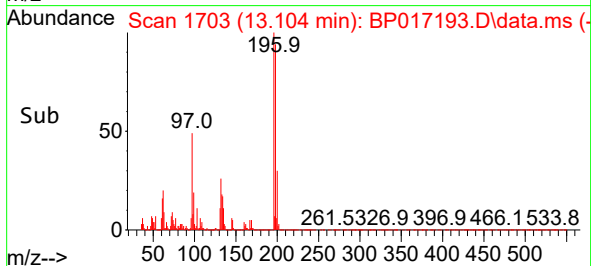
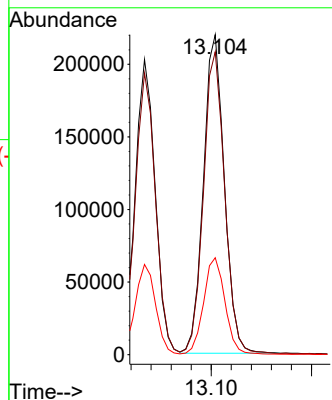
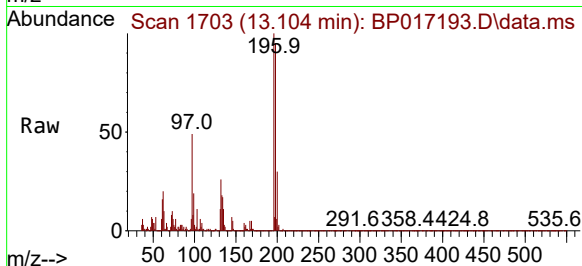
Tgt Ion:196 Resp: 318684

Ion Ratio Lower Upper

196 100

198 94.7 76.9 115.3

200 30.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 38.926 ng/ul

RT: 13.439 min Scan# 1760

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

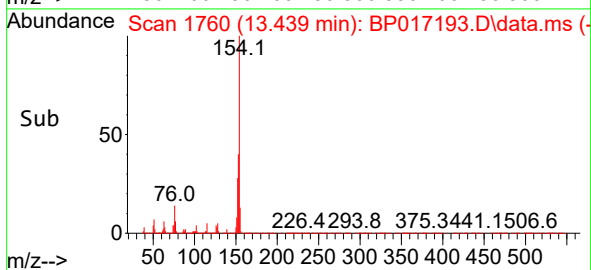
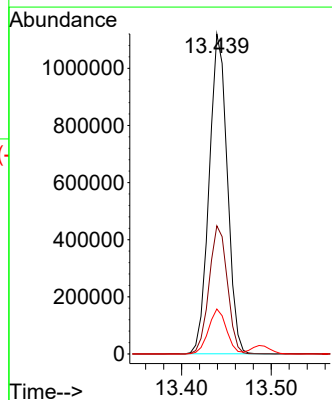
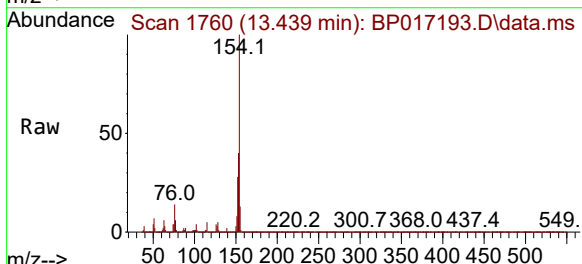
Tgt Ion:154 Resp: 1570219

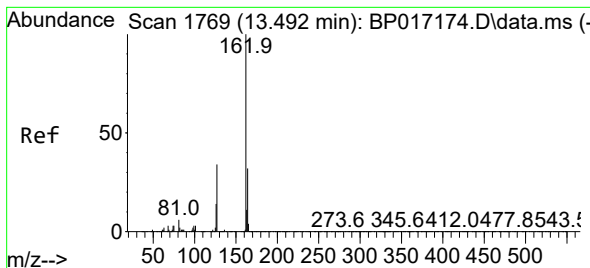
Ion Ratio Lower Upper

154 100

153 40.1 31.8 47.8

76 14.0 10.8 16.2





#44

2-Chloronaphthalene

Concen: 38.923 ng/ul

RT: 13.486 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

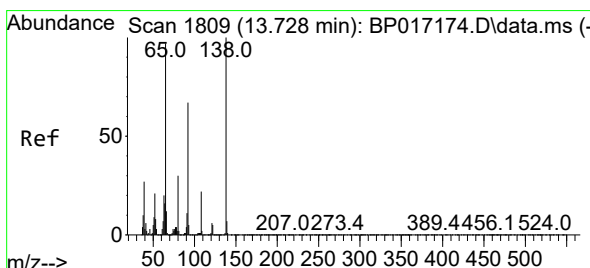
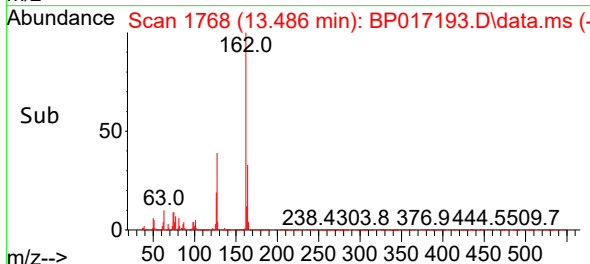
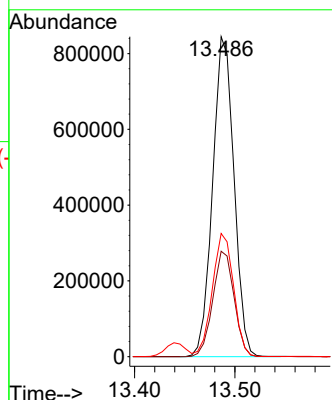
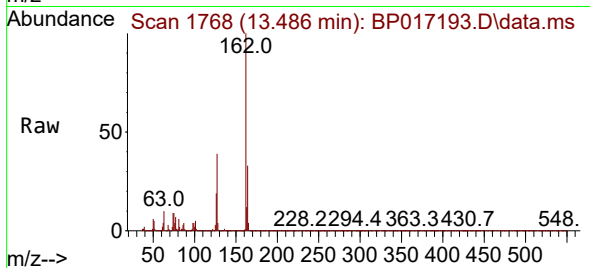
Tgt Ion:162 Resp: 1246840

Ion Ratio Lower Upper

162 100

164 33.0 26.6 39.8

127 38.5 31.0 46.4



#45

2-Nitroaniline

Concen: 48.077 ng/ul

RT: 13.728 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

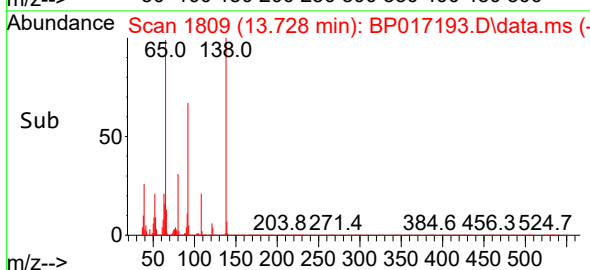
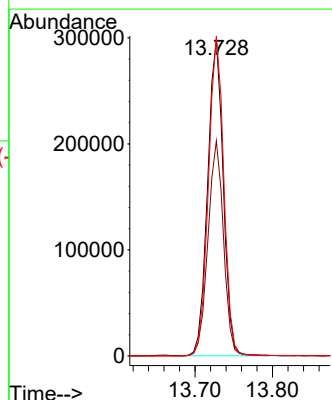
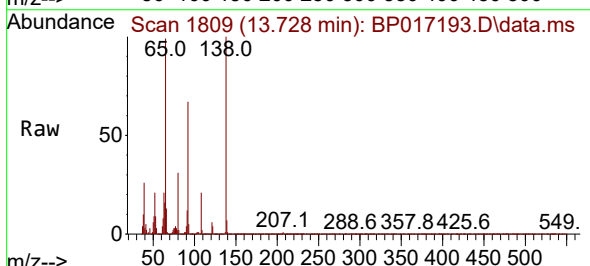
Tgt Ion: 65 Resp: 417163

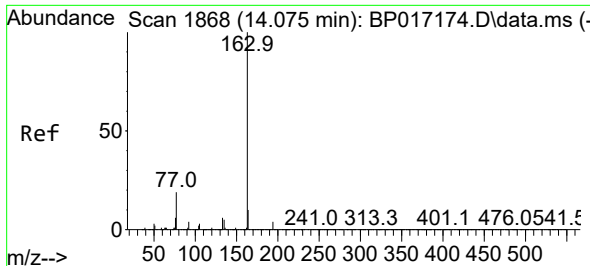
Ion Ratio Lower Upper

65 100

92 67.9 55.6 83.4

138 101.0 82.2 123.2

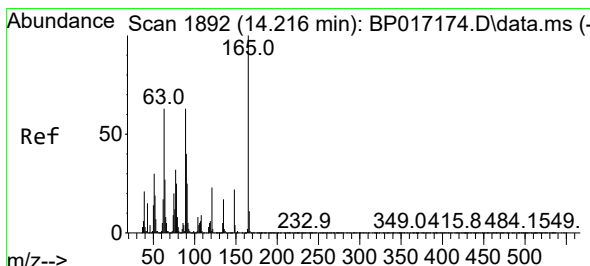
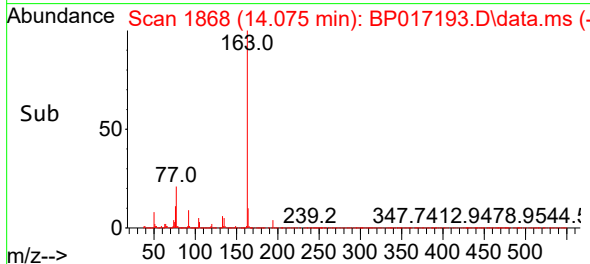
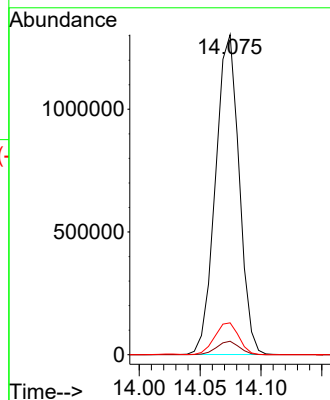
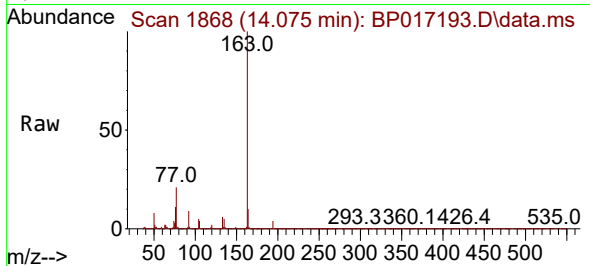




#47
Dimethylphthalate
Concen: 43.243 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.005 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

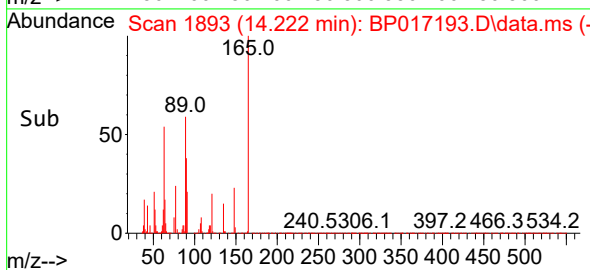
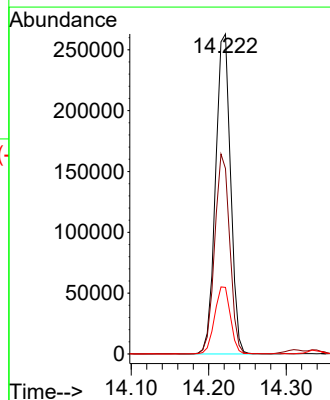
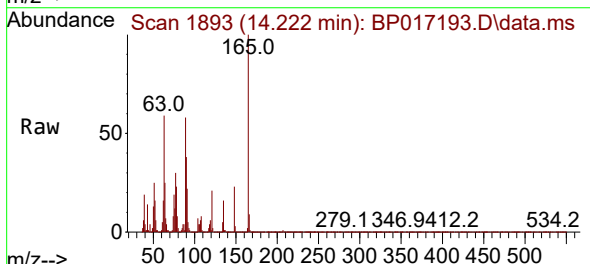
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

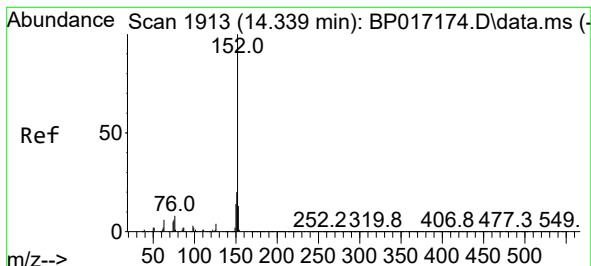
Tgt Ion:163 Resp: 1757322
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 47.606 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.005 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:165 Resp: 353690
Ion Ratio Lower Upper
165 100
89 57.9 47.8 71.8
121 20.8 17.4 26.2





#50

Acenaphthylene

Concen: 38.767 ng/ul

RT: 14.339 min Scan# 1913

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

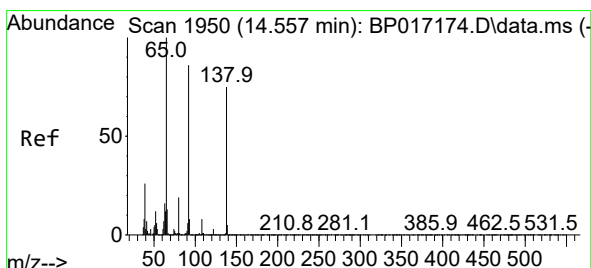
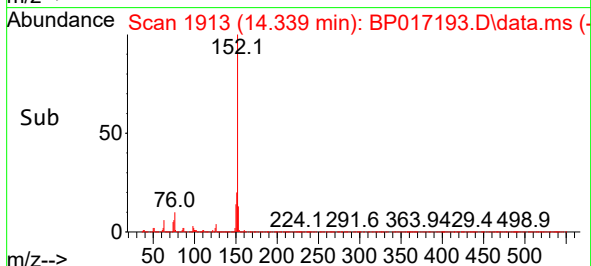
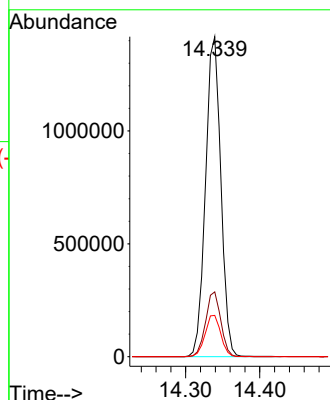
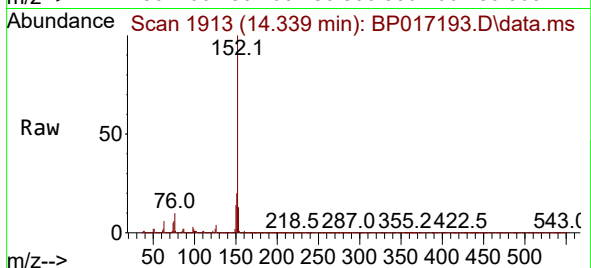
Tgt Ion:152 Resp: 2034293

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 12.9 10.6 15.8



#51

3-Nitroaniline

Concen: 43.173 ng/ul

RT: 14.557 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

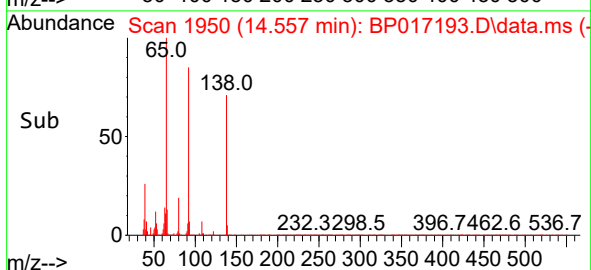
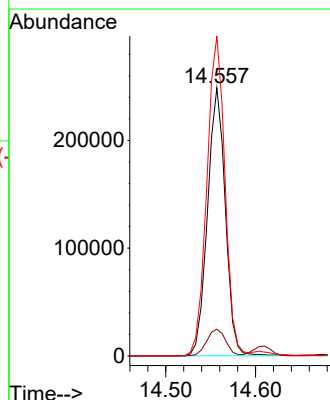
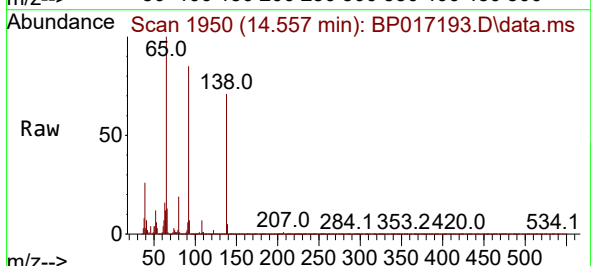
Tgt Ion:138 Resp: 343133

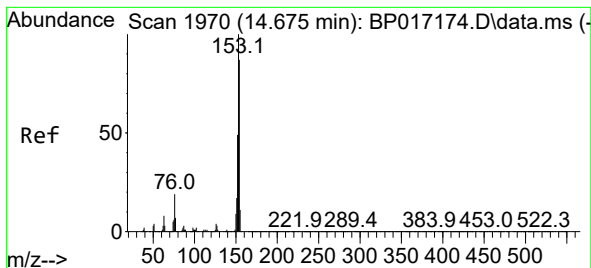
Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

92 119.3 94.2 141.4





#52

Acenaphthene

Concen: 40.417 ng/ul

RT: 14.675 min Scan# 1970

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

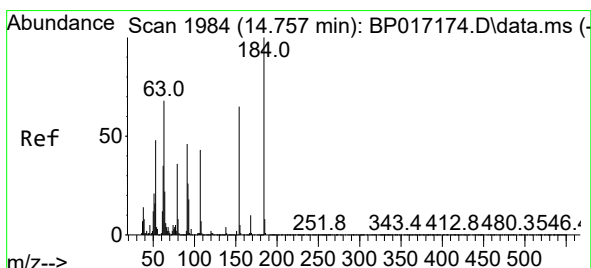
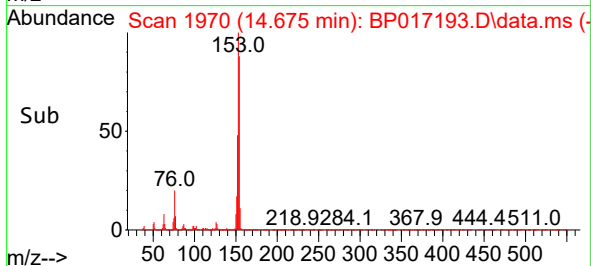
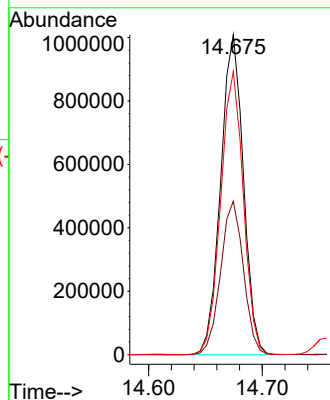
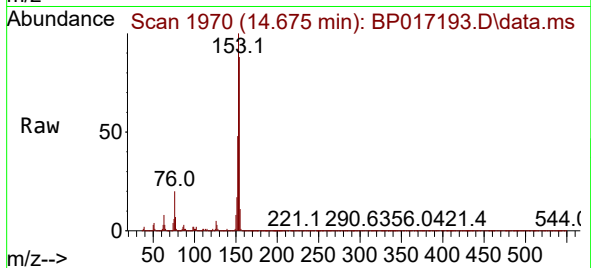
Tgt Ion:153 Resp: 1403463

Ion Ratio Lower Upper

153 100

152 48.0 38.6 57.8

154 88.5 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 21.395 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

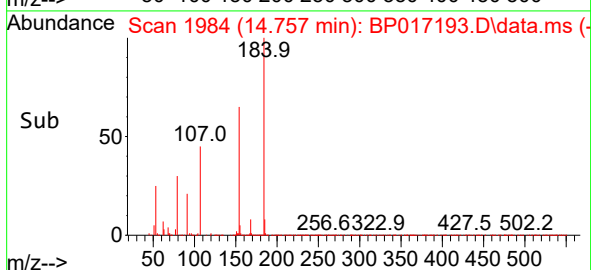
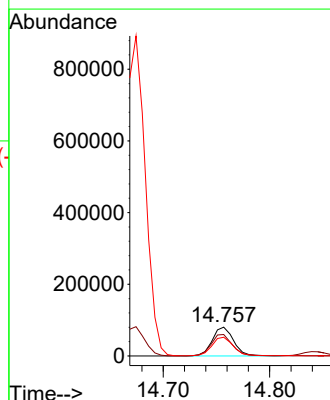
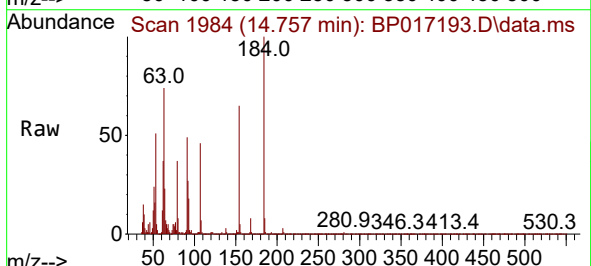
Tgt Ion:184 Resp: 111336

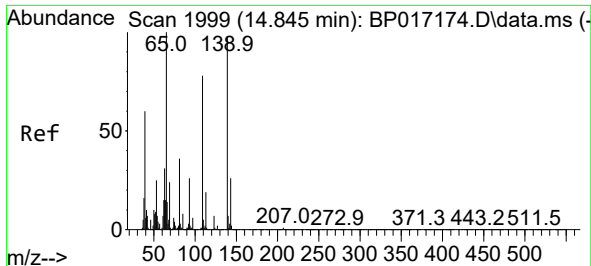
Ion Ratio Lower Upper

184 100

63 74.3 55.2 82.8

154 65.1 53.0 79.4

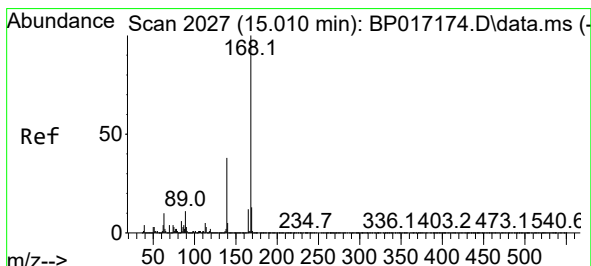
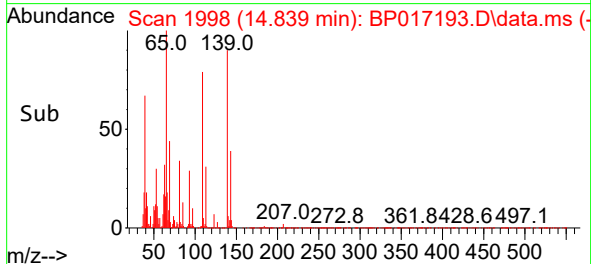
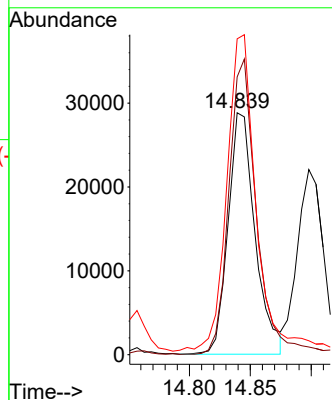
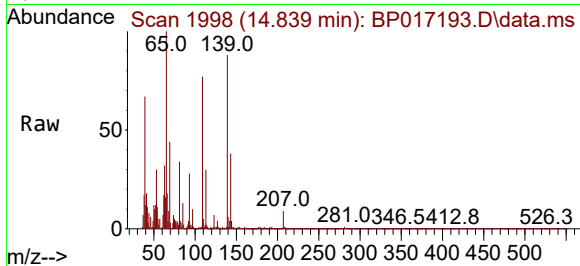




#55
4-Nitrophenol
Concen: 7.190 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

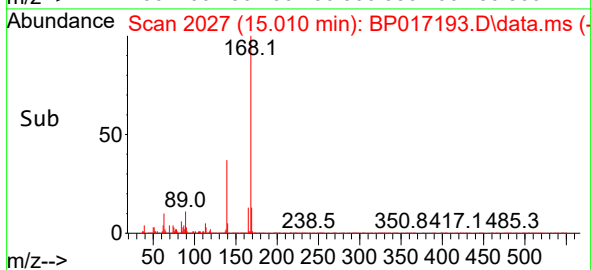
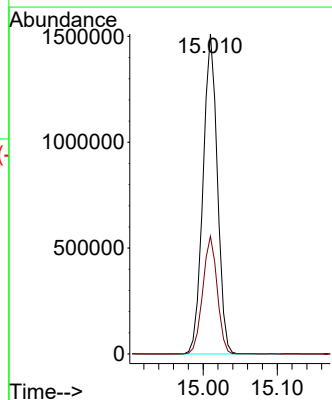
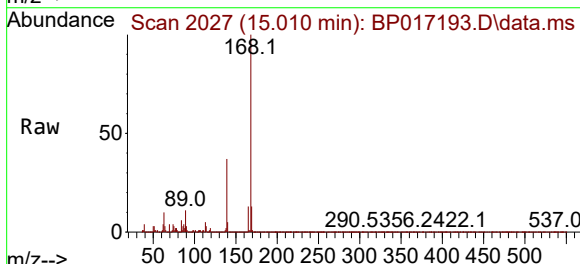
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

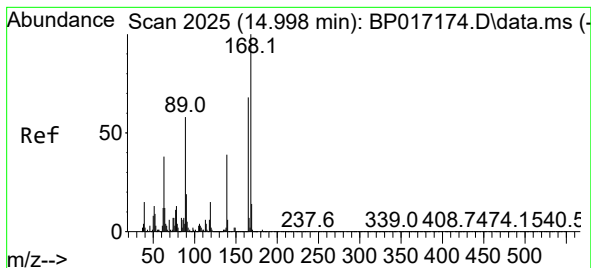
Tgt Ion:109 Resp: 44525
Ion Ratio Lower Upper
109 100
139 114.8 101.1 151.7
65 130.5 105.0 157.4



#56
Dibenzofuran
Concen: 42.398 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:168 Resp: 2034561
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9

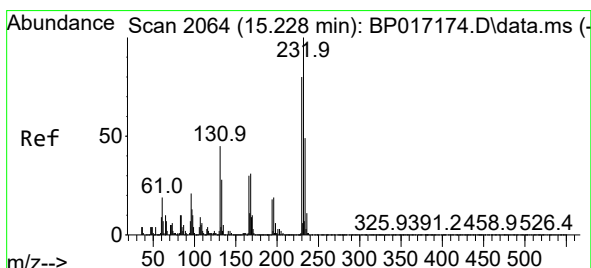
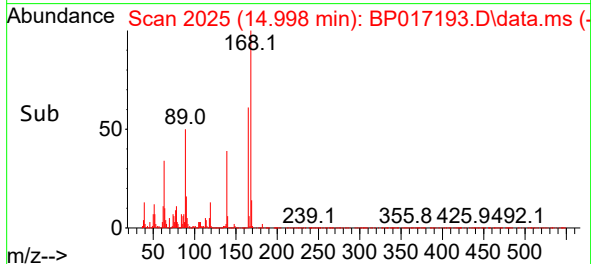
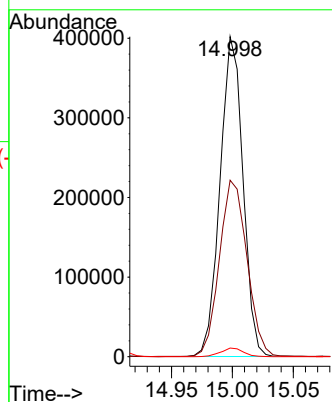
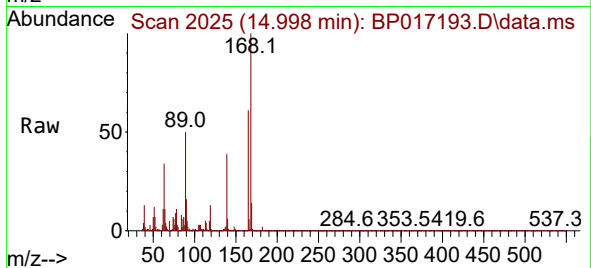




#57
2,4-Dinitrotoluene
Concen: 47.614 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

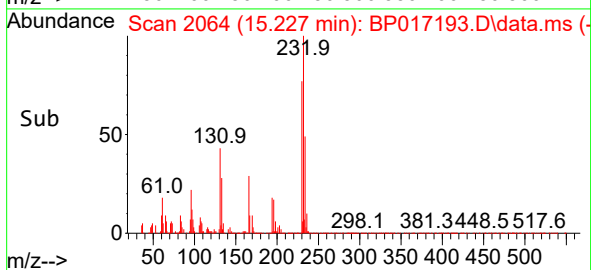
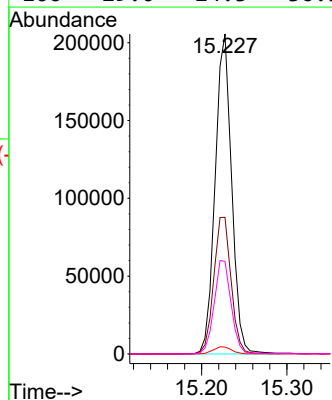
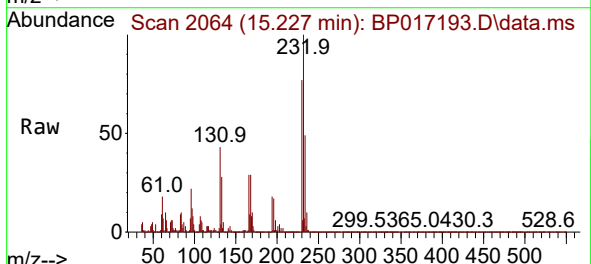
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

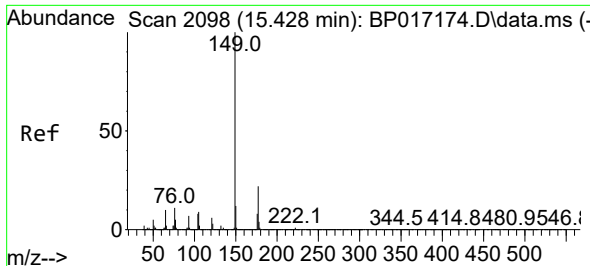
Tgt Ion:165 Resp: 526753
Ion Ratio Lower Upper
165 100
63 55.2 42.3 63.5
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 27.931 ng/ul
RT: 15.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:232 Resp: 277272
Ion Ratio Lower Upper
232 100
131 42.7 37.0 55.6
130 2.2 1.8 2.8
166 29.0 24.3 36.5

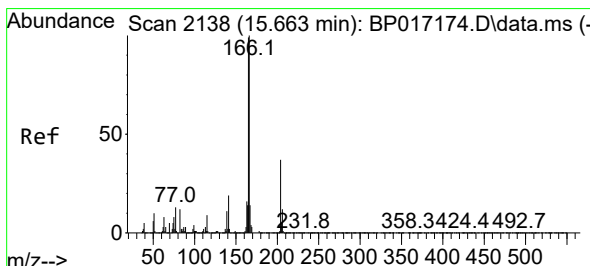
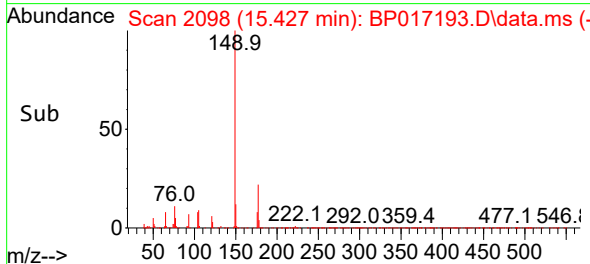
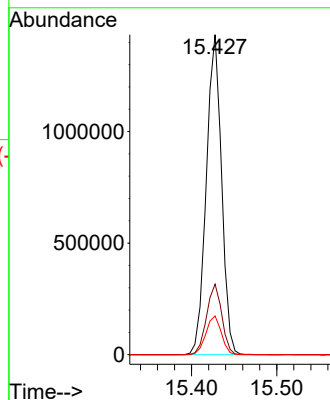
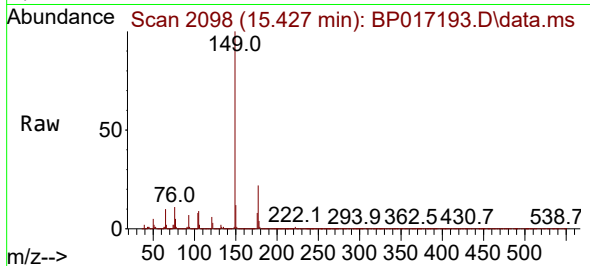




#59
Diethylphthalate
Concen: 44.379 ng/ul
RT: 15.427 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

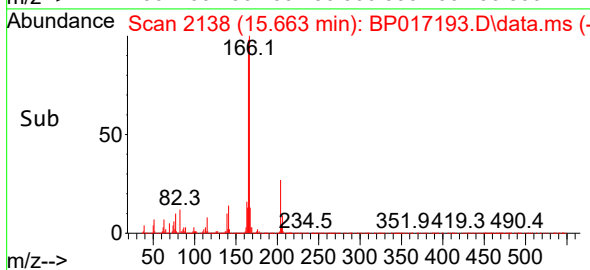
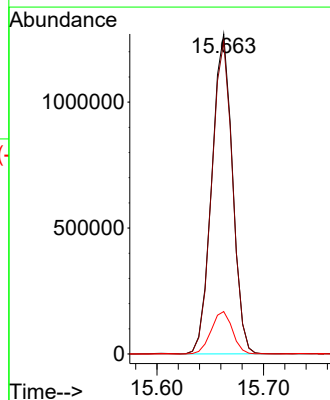
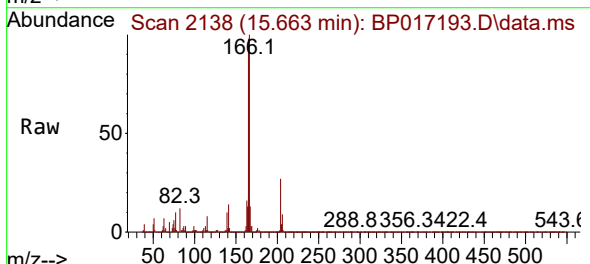
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

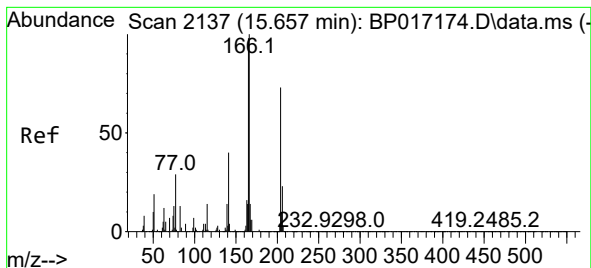
Tgt Ion:149 Resp: 1780596
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.1 10.0 15.0



#61
Fluorene
Concen: 43.123 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:166 Resp: 1710837
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 13.3 11.0 16.4

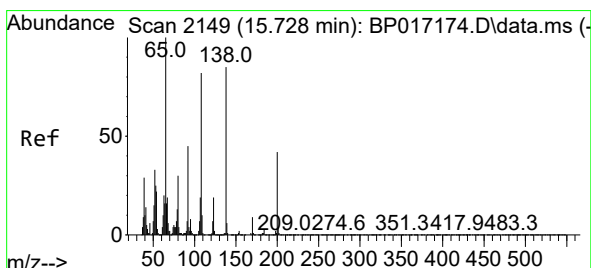
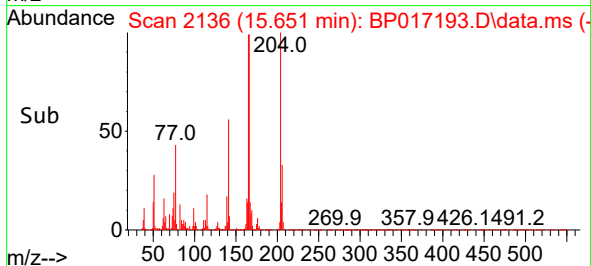
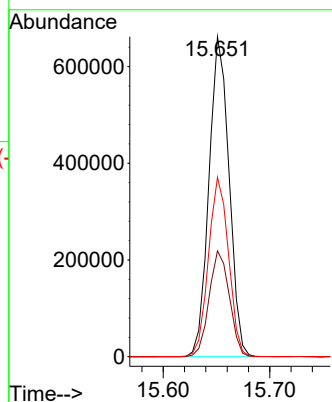
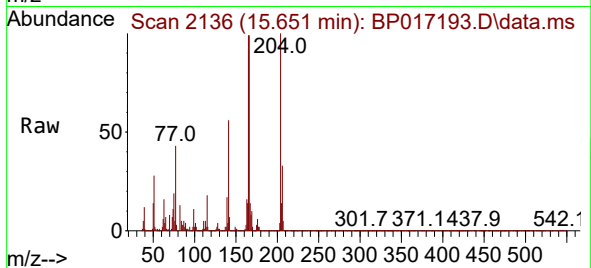




#62
4-Chlorophenyl-phenylether
Concen: 42.967 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

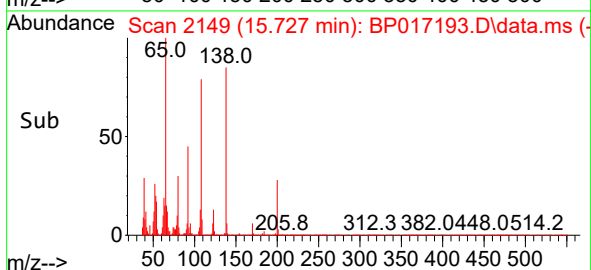
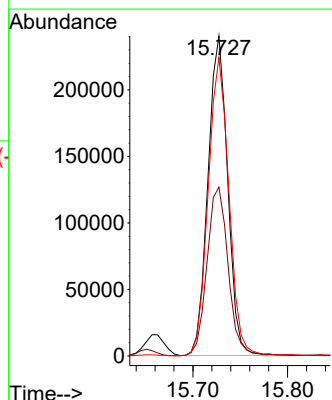
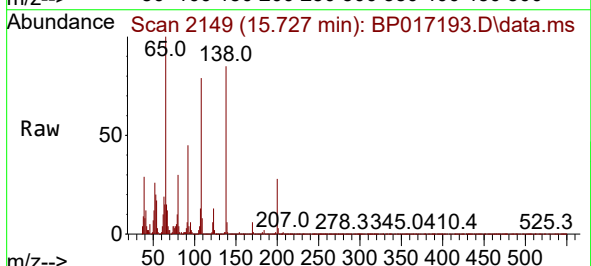
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

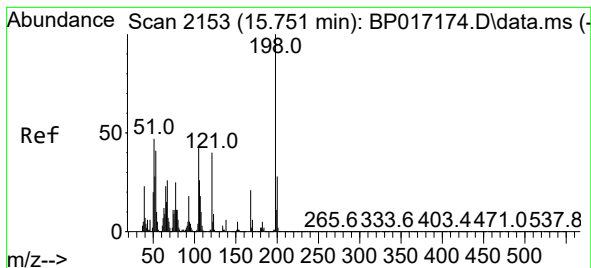
Tgt Ion:204 Resp: 866682
Ion Ratio Lower Upper
204 100
206 33.0 27.3 40.9
141 56.0 45.0 67.6



#63
4-Nitroaniline
Concen: 46.863 ng/ul
RT: 15.727 min Scan# 2149
Delta R.T. 0.005 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:138 Resp: 346270
Ion Ratio Lower Upper
138 100
92 52.7 43.3 64.9
108 93.3 75.3 112.9

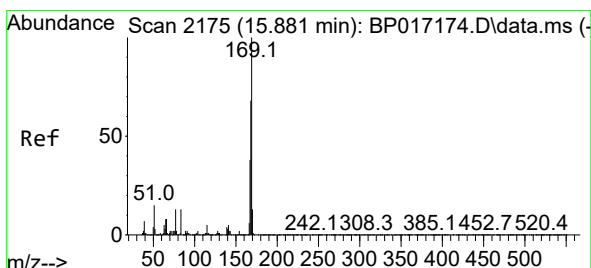
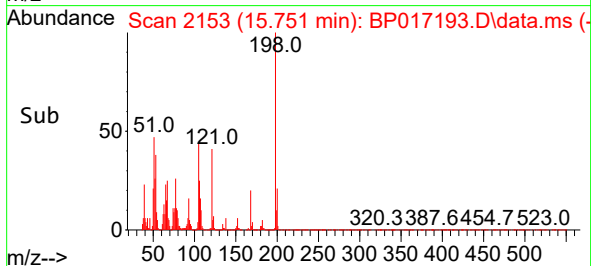
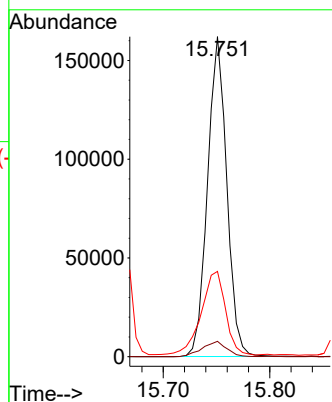
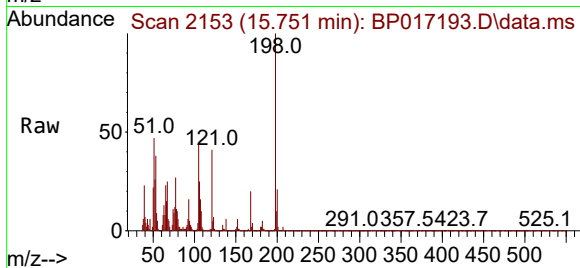




#66
4,6-Dinitro-2-methylphenol
Concen: 26.874 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

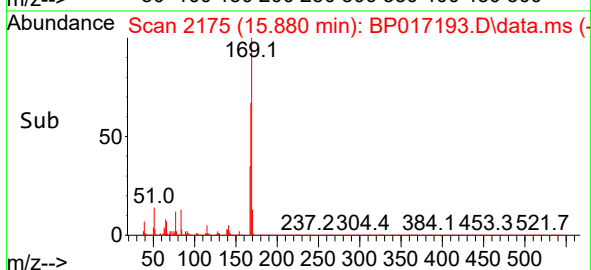
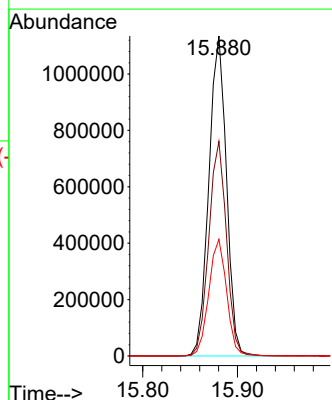
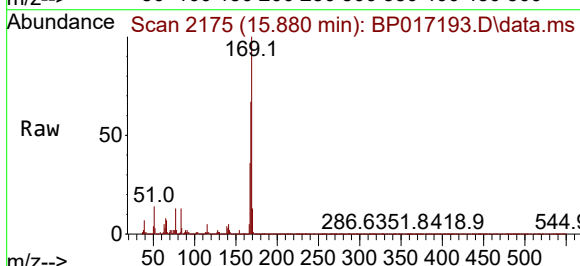
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

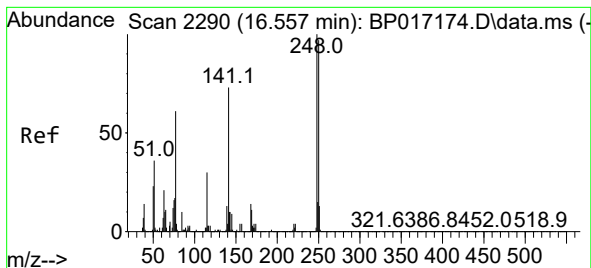
Tgt Ion:198 Resp: 203477
Ion Ratio Lower Upper
198 100
182 4.8 4.2 6.2
77 26.7 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 44.499 ng/ul
RT: 15.880 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:169 Resp: 1461078
Ion Ratio Lower Upper
169 100
168 67.0 52.7 79.1
167 36.5 29.0 43.4

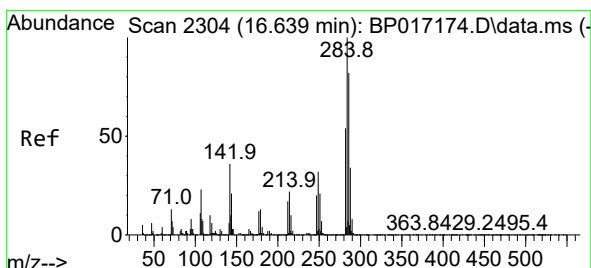
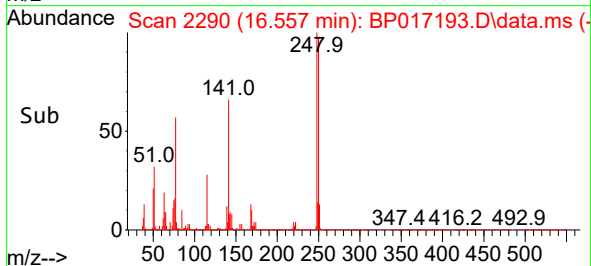
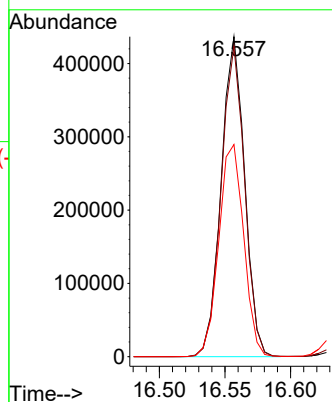
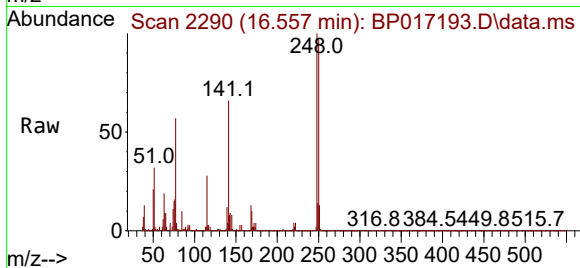




#68
4-Bromophenyl-phenylether
Concen: 45.139 ng/ul
RT: 16.557 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

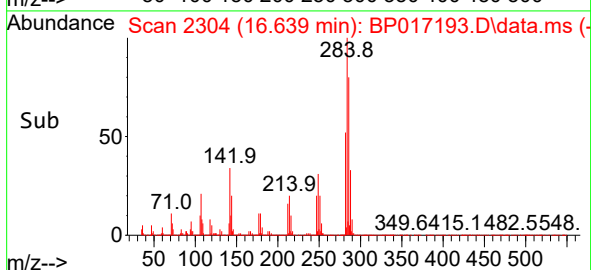
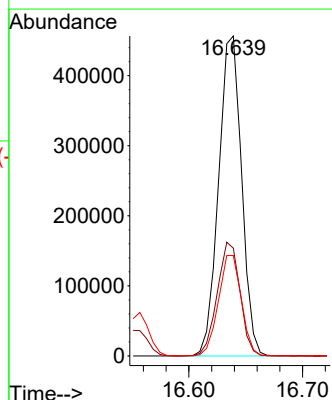
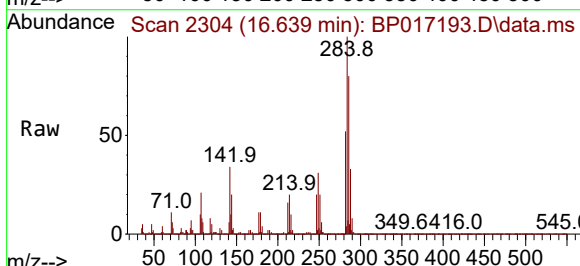
Instrument :
BNA_P
ClientSampleId :
BBJA8MS

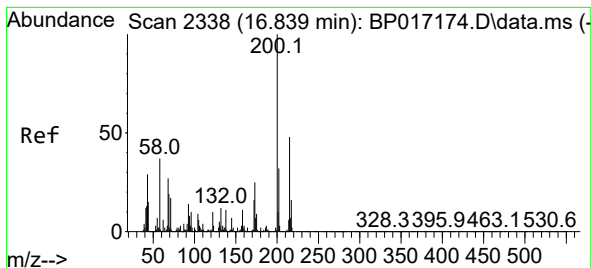
Tgt Ion:248 Resp: 543334
Ion Ratio Lower Upper
248 100
250 97.0 78.6 118.0
141 66.3 60.4 90.6



#69
Hexachlorobenzene
Concen: 45.006 ng/ul
RT: 16.639 min Scan# 2304
Delta R.T. 0.006 min
Lab File: BP017193.D
Acq: 15 Sep 2023 18:35

Tgt Ion:284 Resp: 641211
Ion Ratio Lower Upper
284 100
142 33.7 28.6 42.8
249 31.4 25.0 37.6





#70

Atrazine

Concen: 20.672 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

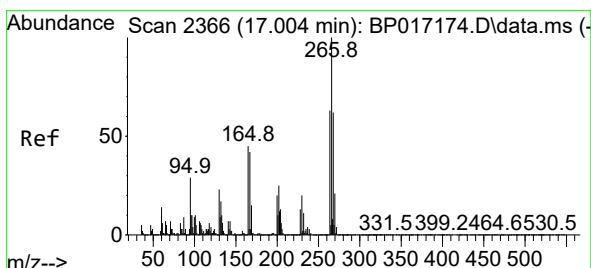
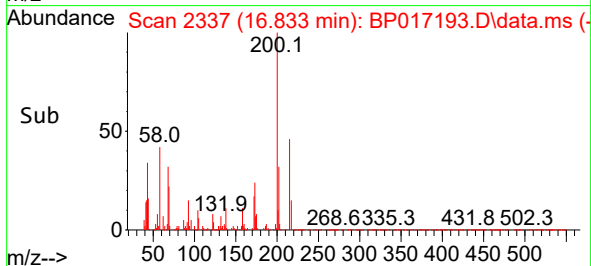
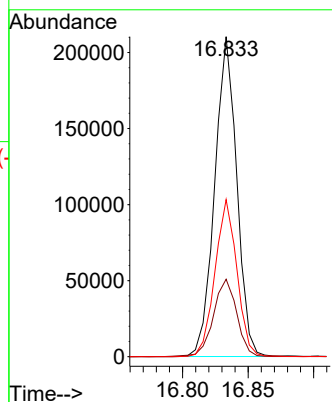
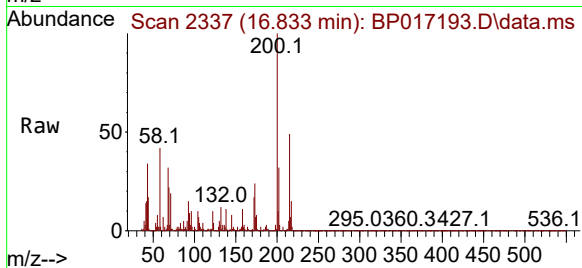
Tgt Ion:200 Resp: 245691

Ion Ratio Lower Upper

200 100

173 24.2 20.7 31.1

215 49.1 38.8 58.2



#71

Pentachlorophenol

Concen: 23.721 ng/ul

RT: 17.004 min Scan# 2366

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

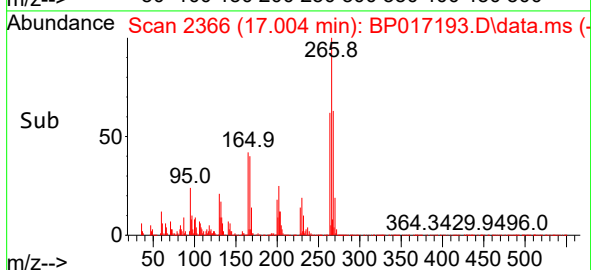
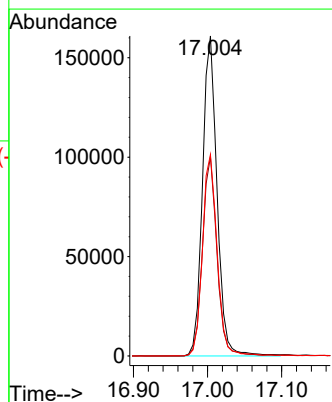
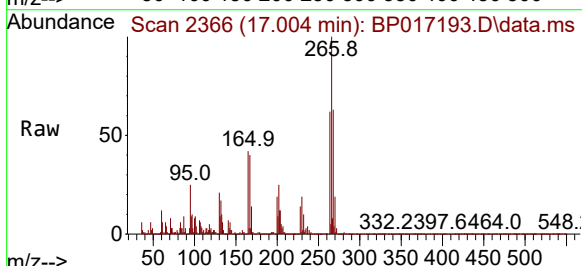
Tgt Ion:266 Resp: 219634

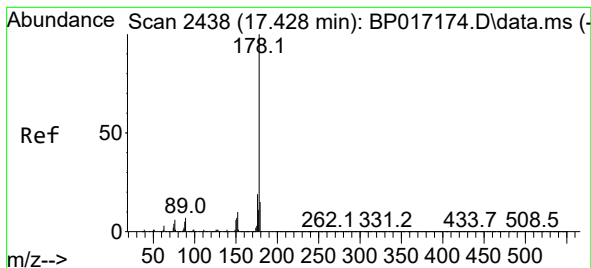
Ion Ratio Lower Upper

266 100

264 62.3 50.7 76.1

268 62.9 51.1 76.7





#72

Phenanthrene

Concen: 44.429 ng/ul

RT: 17.421 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

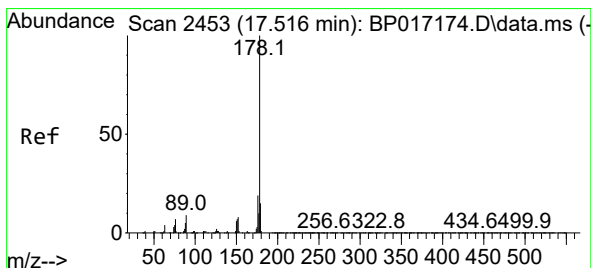
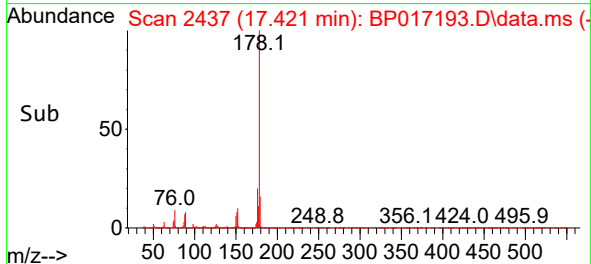
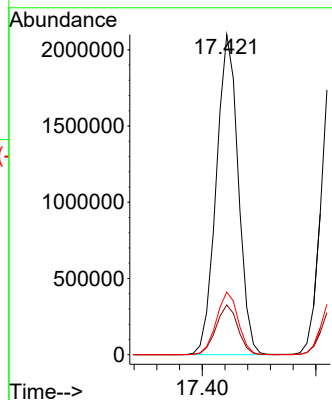
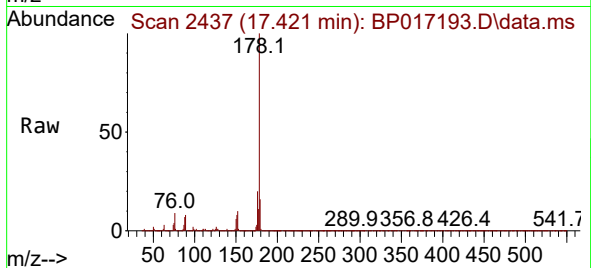
Tgt Ion:178 Resp: 2819409

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.5 15.6 23.4



#74

Anthracene

Concen: 44.448 ng/ul

RT: 17.516 min Scan# 2453

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

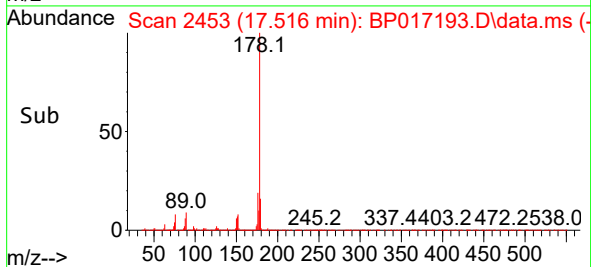
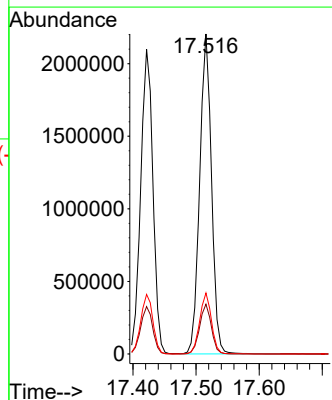
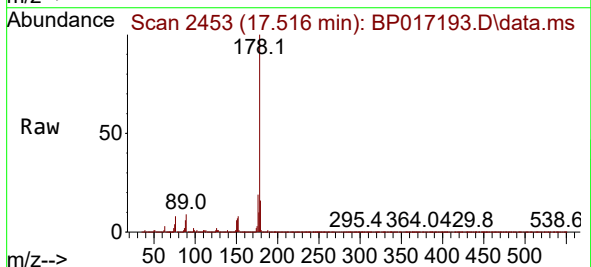
Tgt Ion:178 Resp: 2856782

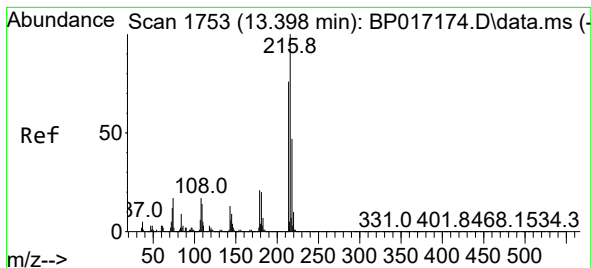
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.1 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.577 ng/uL

RT: 13.392 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

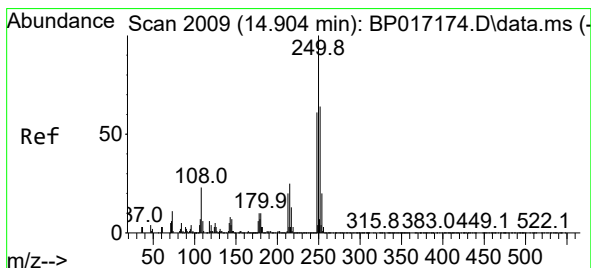
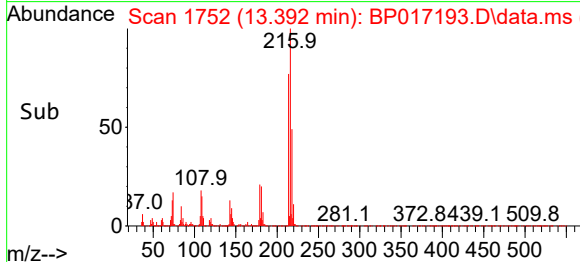
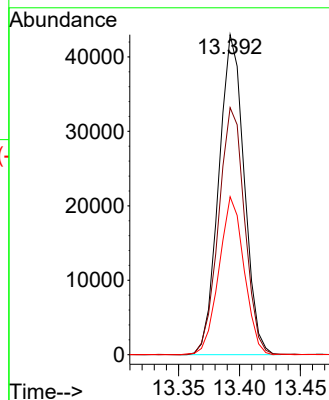
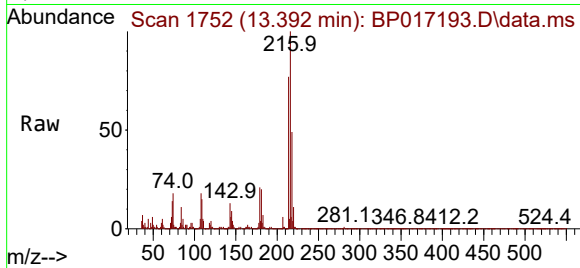
Tgt Ion:216 Resp: 62457

Ion Ratio Lower Upper

216 100

214 77.2 61.3 91.9

218 49.3 38.3 57.5



#76

Pentachlorobenzene

Concen: 45.268 ng/uL

RT: 14.904 min Scan# 2009

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

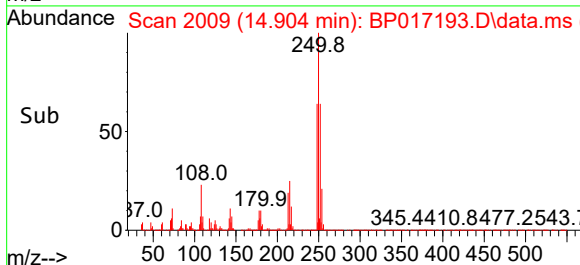
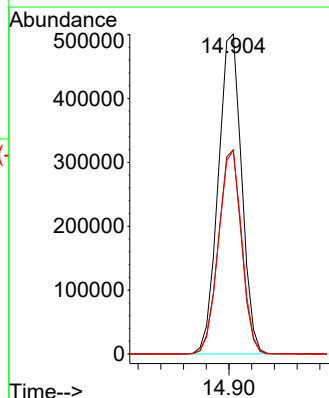
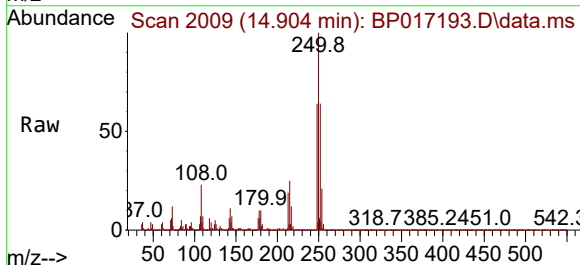
Tgt Ion:250 Resp: 717166

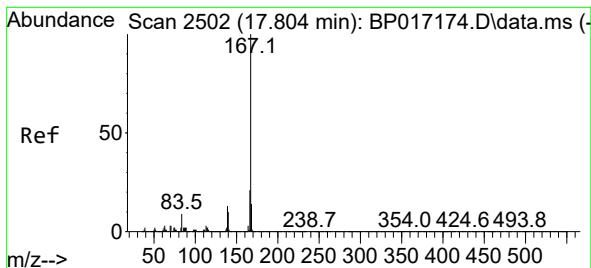
Ion Ratio Lower Upper

250 100

248 63.8 51.1 76.7

252 63.7 50.7 76.1





#77

Carbazole

Concen: 45.901 ng/ul

RT: 17.804 min Scan# 2502

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

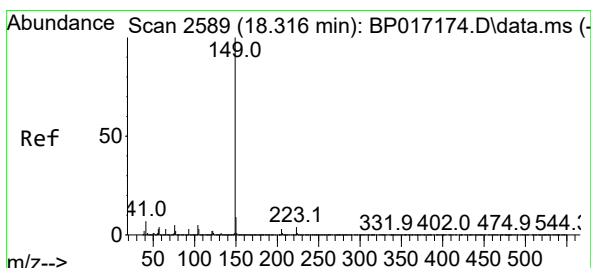
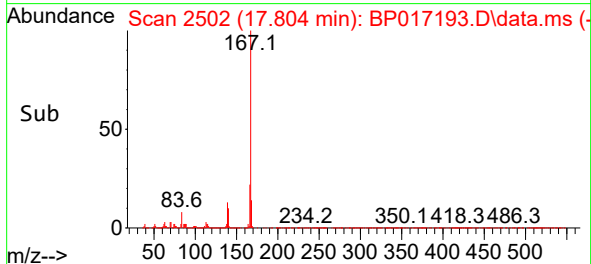
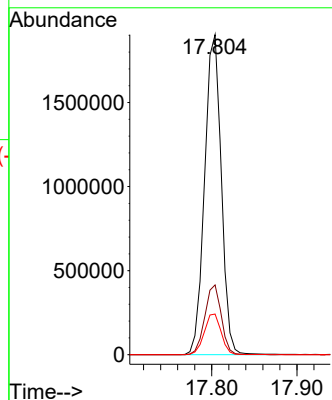
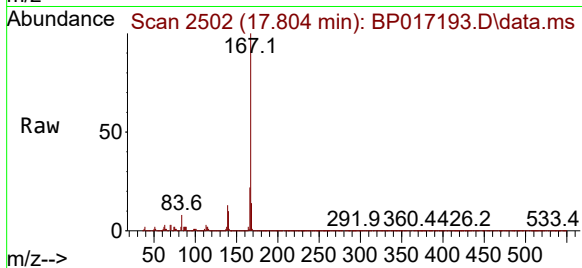
Tgt Ion:167 Resp: 2590465

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 12.7 10.4 15.6



#78

Di-n-butylphthalate

Concen: 49.256 ng/ul

RT: 18.310 min Scan# 2588

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

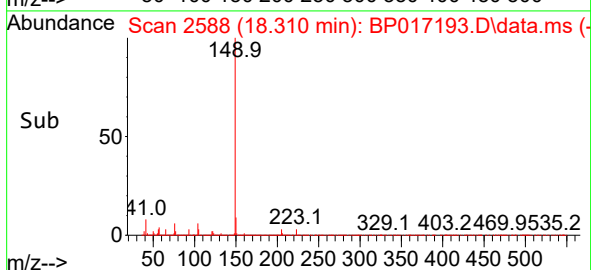
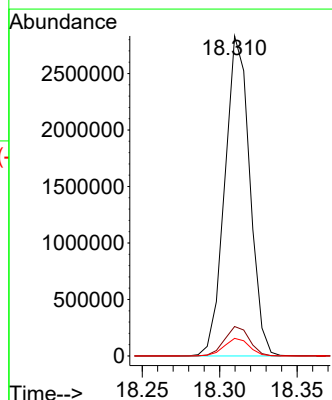
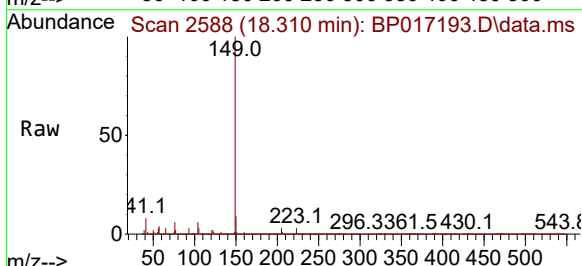
Tgt Ion:149 Resp: 3167674

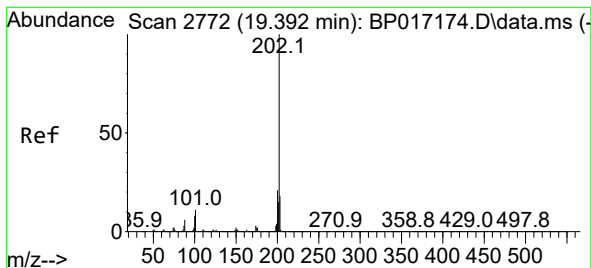
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.5 4.2 6.4





#80

Fluoranthene

Concen: 46.093 ng/u1

RT: 19.392 min Scan# 2772

Delta R.T. 0.006 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

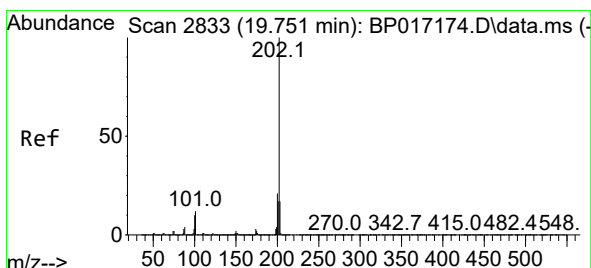
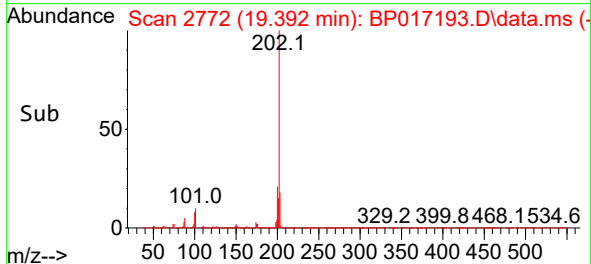
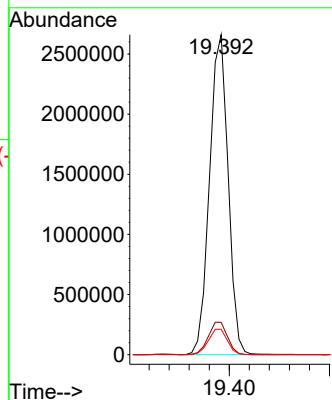
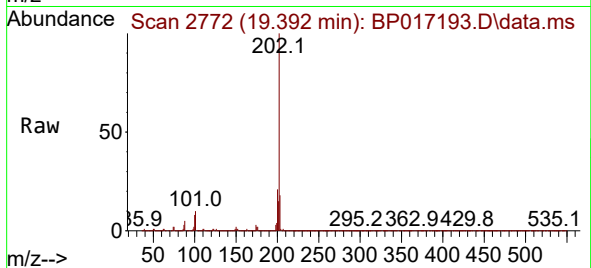
Tgt Ion:202 Resp: 3427707

Ion Ratio Lower Upper

202 100

101 10.1 8.3 12.5

100 7.9 6.4 9.6



#82

Pyrene

Concen: 45.457 ng/u1

RT: 19.751 min Scan# 2833

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

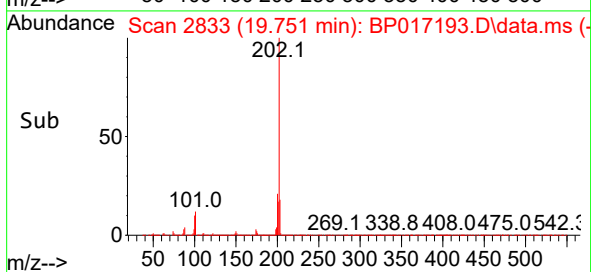
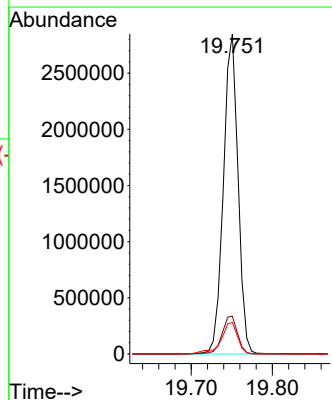
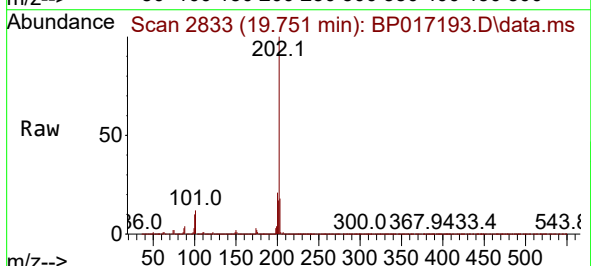
Tgt Ion:202 Resp: 3571858

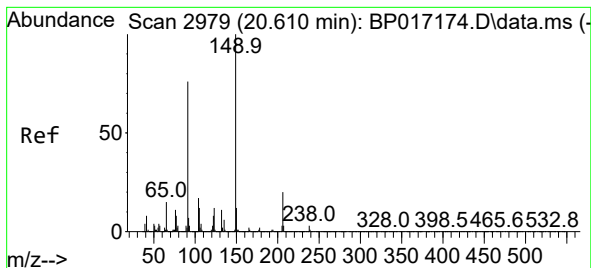
Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

100 9.8 7.8 11.8





#83

Butylbenzylphthalate

Concen: 50.952 ng/ul

RT: 20.610 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

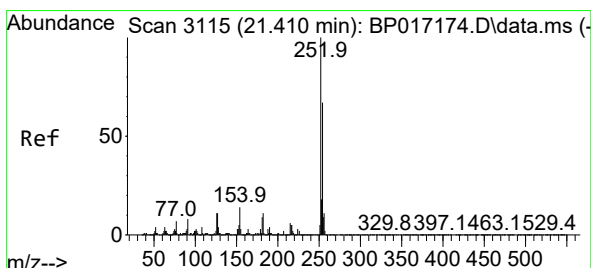
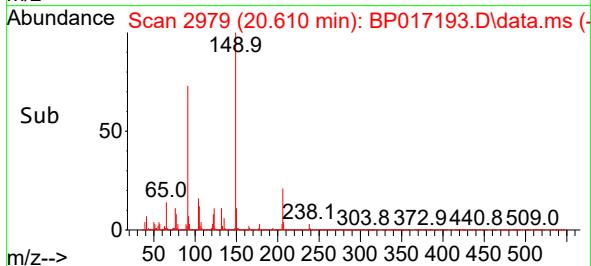
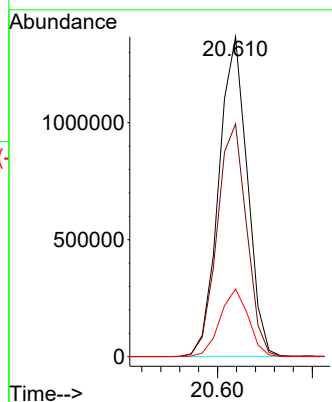
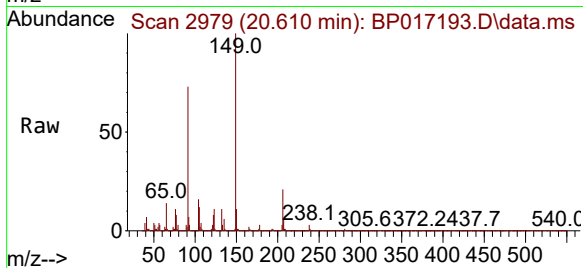
Tgt Ion:149 Resp: 1427879

Ion Ratio Lower Upper

149 100

91 72.8 57.4 86.0

206 21.1 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 40.612 ng/ul

RT: 21.404 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

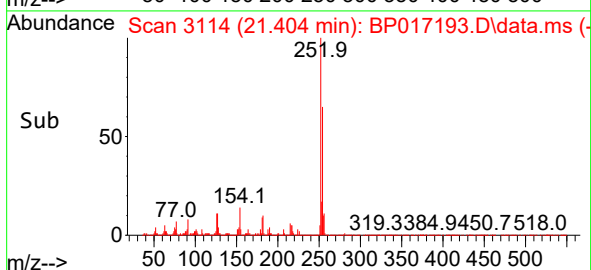
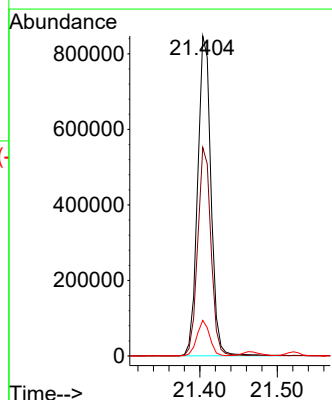
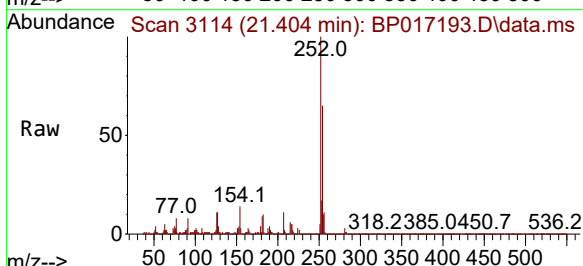
Tgt Ion:252 Resp: 1010083

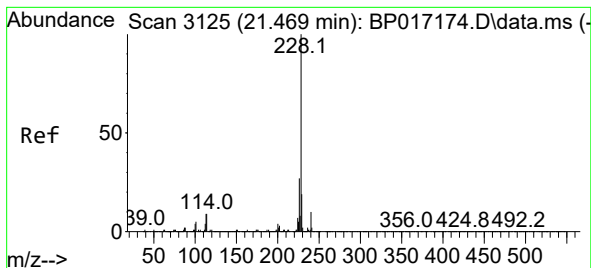
Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.2

126 11.1 9.4 14.2





#85

Benzo(a)anthracene

Concen: 43.786 ng/ul

RT: 21.468 min Scan# 3125

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

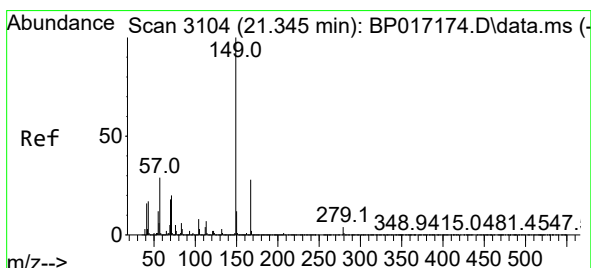
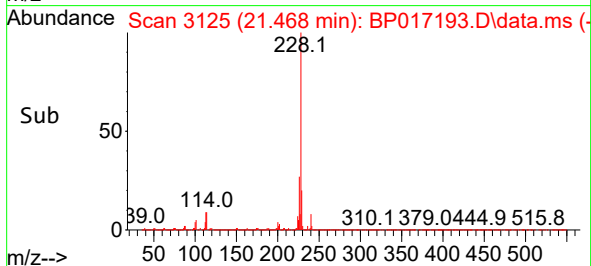
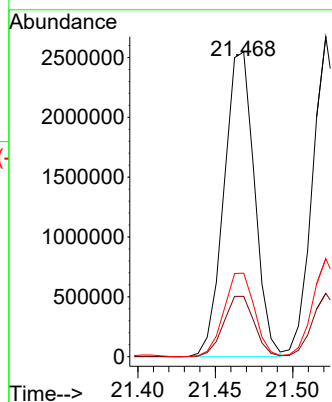
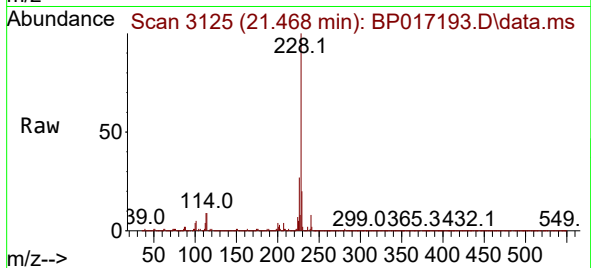
Tgt Ion:228 Resp: 3478024

Ion Ratio Lower Upper

228 100

229 19.8 16.1 24.1

226 27.4 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 52.292 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

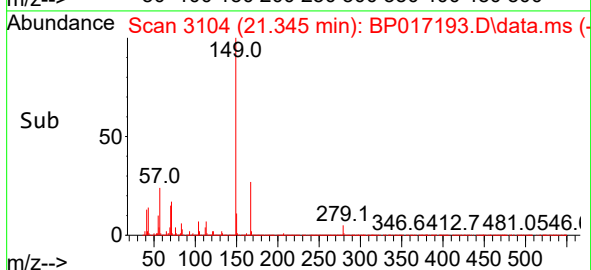
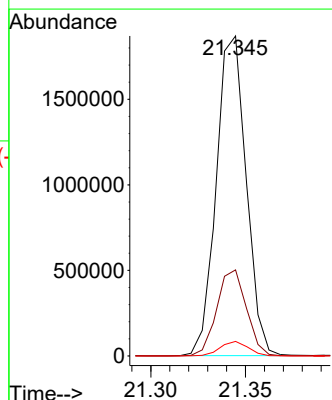
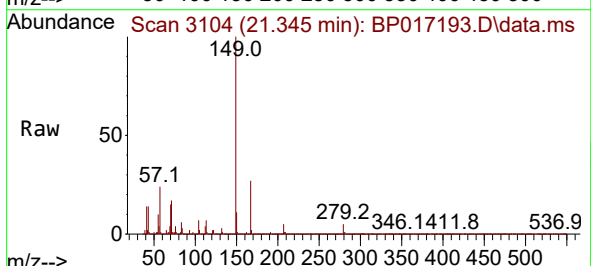
Tgt Ion:149 Resp: 2057151

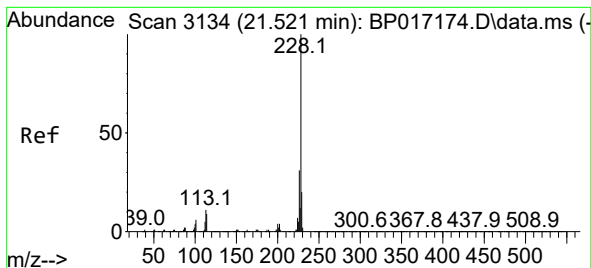
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 4.5 3.4 5.2





#87

Chrysene

Concen: 44.352 ng/ul

RT: 21.521 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

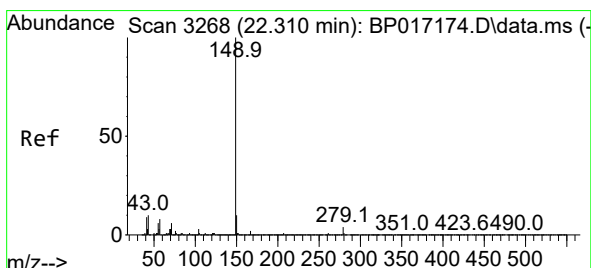
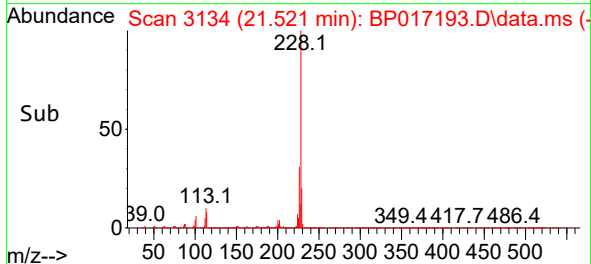
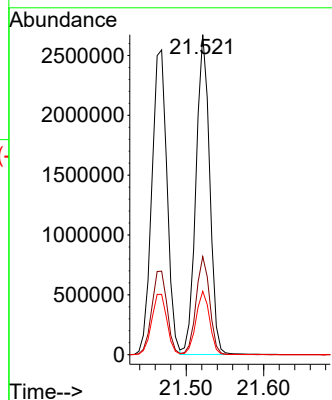
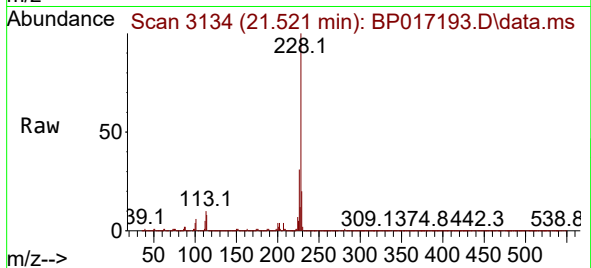
Tgt Ion:228 Resp: 3277108

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

229 19.8 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 52.640 ng/ul

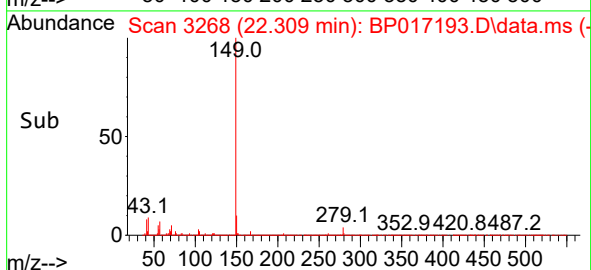
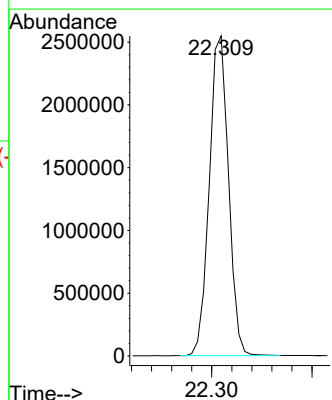
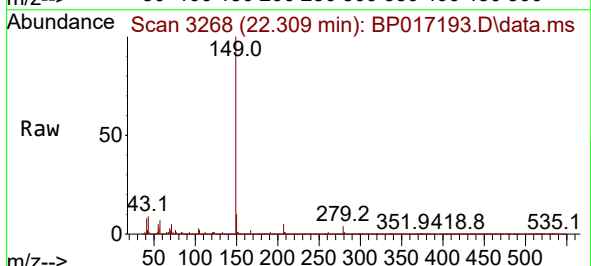
RT: 22.309 min Scan# 3268

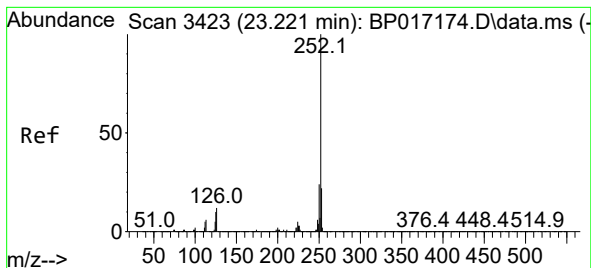
Delta R.T. 0.006 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Tgt Ion:149 Resp: 3398130





#90

Benzo(b)fluoranthene

Concen: 46.569 ng/ul

RT: 23.221 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

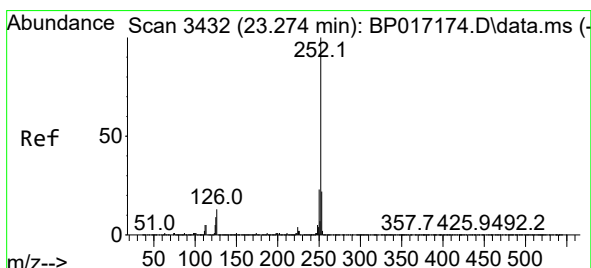
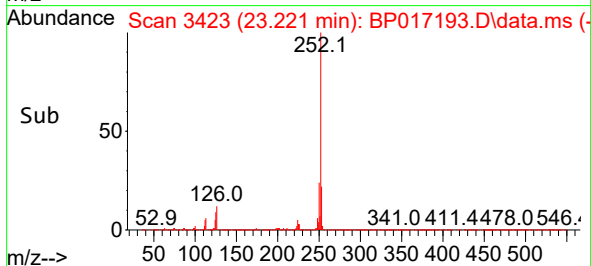
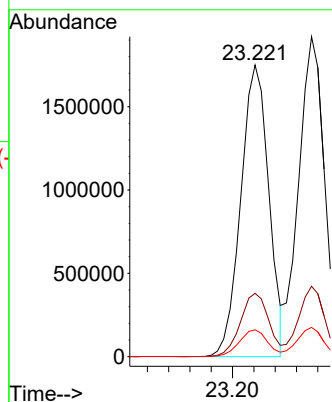
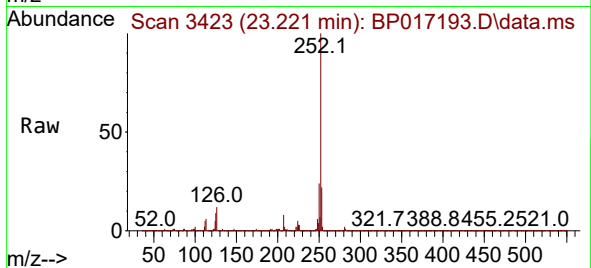
Tgt Ion:252 Resp: 3195774

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 9.2 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 47.657 ng/ul

RT: 23.274 min Scan# 3432

Delta R.T. 0.006 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

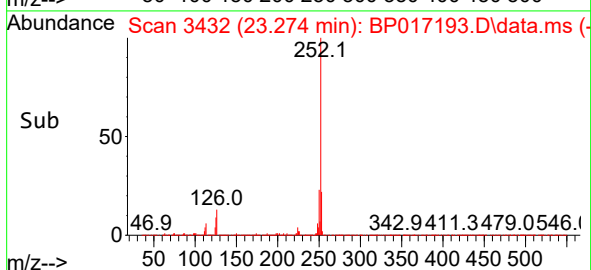
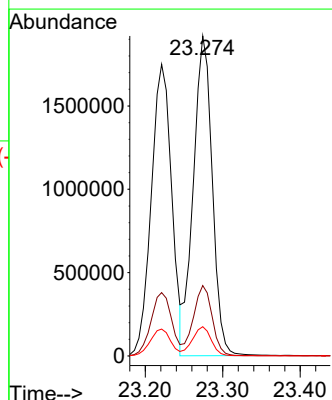
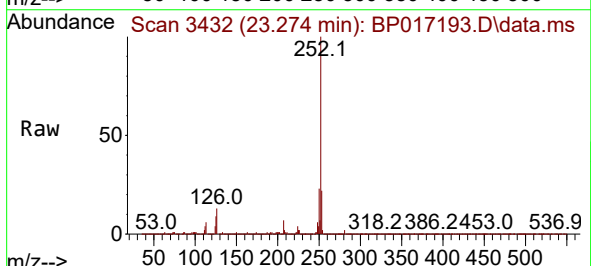
Tgt Ion:252 Resp: 3251197

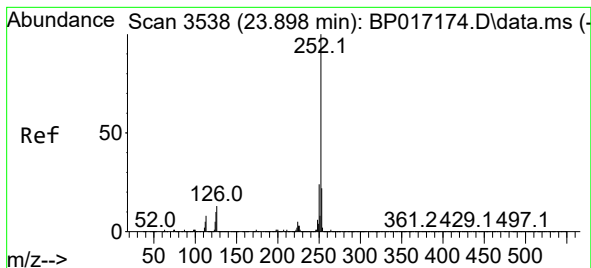
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.2 7.4 11.2





#93

Benzo(a)pyrene

Concen: 43.370 ng/ul

RT: 23.898 min Scan# 3538

Delta R.T. 0.005 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

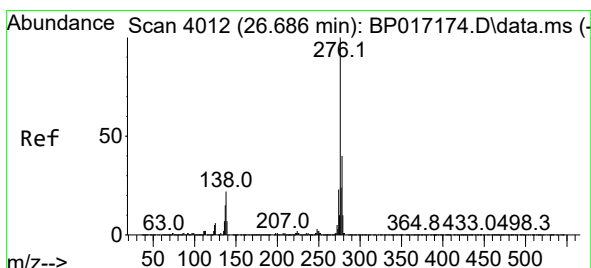
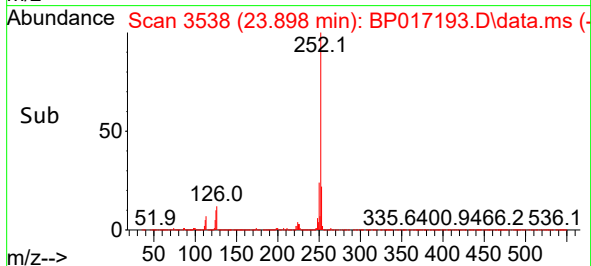
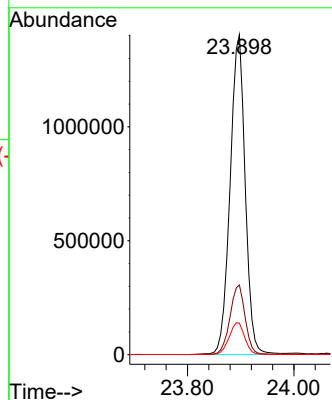
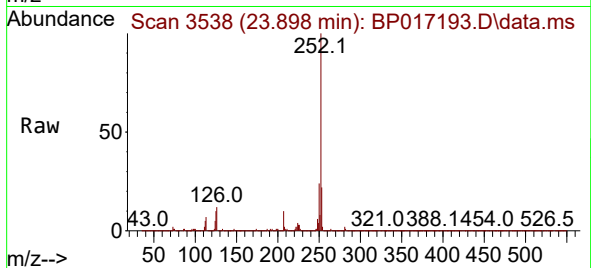
Tgt Ion:252 Resp: 2761212

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.9 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 44.418 ng/ul

RT: 26.680 min Scan# 4011

Delta R.T. 0.006 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

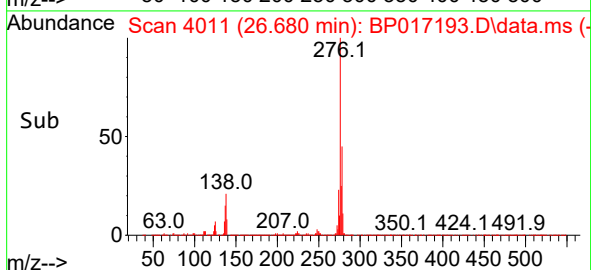
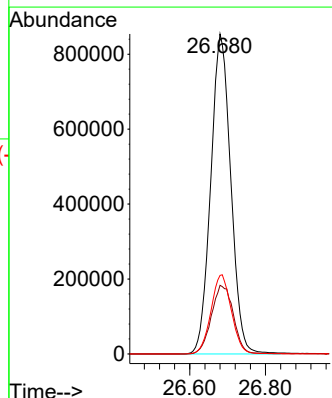
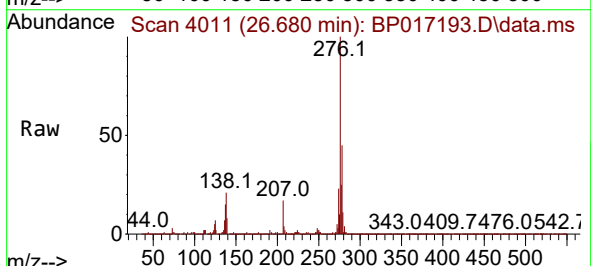
Tgt Ion:276 Resp: 3131471

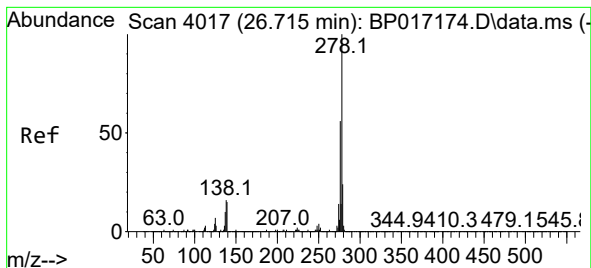
Ion Ratio Lower Upper

276 100

138 21.4 17.5 26.3

277 24.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 44.399 ng/ul

RT: 26.709 min Scan# 4016

Delta R.T. 0.011 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Instrument :

BNA_P

ClientSampleId :

BBJA8MS

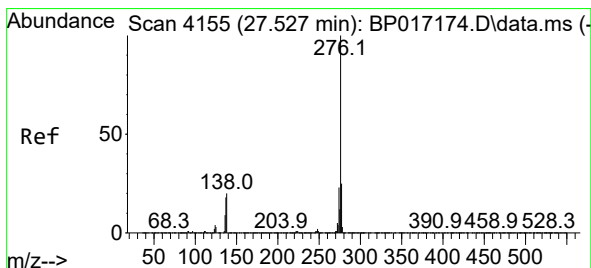
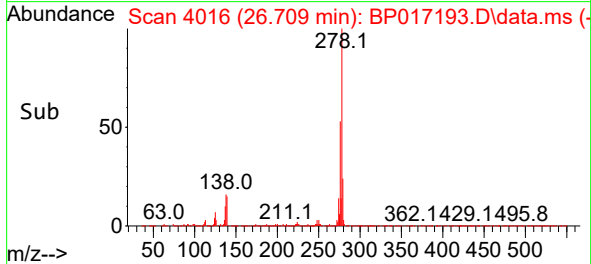
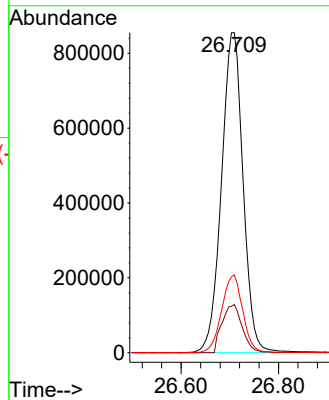
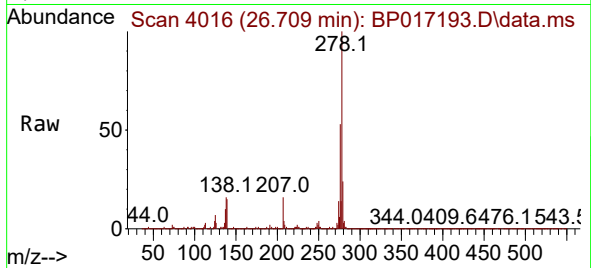
Tgt Ion:278 Resp: 2629427

Ion Ratio Lower Upper

278 100

139 15.0 11.9 17.9

279 24.3 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 44.593 ng/ul

RT: 27.521 min Scan# 4154

Delta R.T. 0.011 min

Lab File: BP017193.D

Acq: 15 Sep 2023 18:35

Tgt Ion:276 Resp: 2430959

Ion Ratio Lower Upper

276 100

138 19.7 16.2 24.4

277 22.9 19.6 29.4

