

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015715.D
 Acq On : 26 Jun 2023 15:37
 Operator : MA/JU
 Sample : SSTD02091
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020634

Quant Time: Jun 27 00:01:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 23:54:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	138841	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	591391	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	372333	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	762799	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	517301	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	517653	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	31866	8.258	ng/uL	0.00
4) Pyridine-d5	3.828	84	202610	20.828	ng/u1	0.00
7) Phenol-d5	7.228	99	248265	20.899	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	159417	21.691	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	193749	21.606	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	203684	21.704	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	98530	21.801	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	112482	21.324	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	204012	21.703	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	261122	21.625	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	616678	21.428	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	692311	21.400	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	76765	20.213	ng/u1	0.00
60) Fluorene-d10	15.710	176	502043	21.187	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	97033	20.790	ng/u1	0.00
73) Anthracene-d10	17.575	188	740000	21.238	ng/u1	0.00
81) Pyrene-d10	19.804	212	758659	22.460	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	543138	20.800	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	34683	8.352	ng/uL	100
5) Pyridine	3.846	79	211491	20.782	ng/u1	100
6) Benzaldehyde	7.205	77	100623	21.608	ng/u1	100
8) Phenol	7.258	94	262233	21.272	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.481	93	209977	21.408	ng/u1	100
12) 2-Chlorophenol	7.628	128	204792	21.496	ng/u1	100
13) 2-Methylphenol	8.522	108	200311	21.521	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.593	45	291451	21.756	ng/u1	100
16) Acetophenone	8.904	105	339385	22.000	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.881	70	191825	22.388	ng/u1	100
18) 4-Methylphenol	8.857	108	218239	21.823	ng/u1	100
19) Hexachloroethane	9.146	117	92882	21.109	ng/u1	100
22) Nitrobenzene	9.287	77	275089	21.674	ng/u1	100
23) Isophorone	9.816	82	531240	21.872	ng/u1	100
25) 2-Nitrophenol	10.004	139	122131	21.816	ng/u1	100
26) 2,4-Dimethylphenol	10.063	107	266190	21.630	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.293	93	298380	21.762	ng/u1	100
29) 2,4-Dichlorophenol	10.551	162	202896	21.711	ng/u1	100
30) Naphthalene	10.940	128	685768	21.331	ng/u1	100
32) 4-Chloroaniline	11.069	127	274039	21.843	ng/u1	100
33) Hexachlorobutadiene	11.210	225	150318	21.299	ng/u1	100
34) Caprolactam	11.857	113	61665	21.886	ng/u1	100
35) 4-Chloro-3-methylphenol	12.187	107	238475	21.800	ng/u1	100
36) 2-Methylnaphthalene	12.545	142	456181	21.555	ng/u1	100

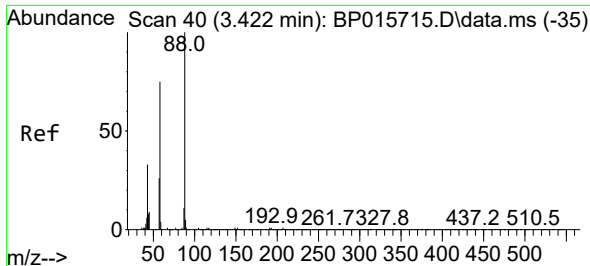
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	466858	21.624	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.910	216	261599	21.321	ng/ul	100
40) Hexachlorocyclopentadiene	12.875	237	70473	19.199	ng/ul	100
41) 2,4,6-Trichlorophenol	13.157	196	168758	21.764	ng/ul	100
42) 2,4,5-Trichlorophenol	13.240	196	178509	22.234	ng/ul	100
43) 1,1'-Biphenyl	13.545	154	629542	21.347	ng/ul	100
44) 2-Chloronaphthalene	13.592	162	498487	21.457	ng/ul	100
45) 2-Nitroaniline	13.810	65	161954	22.393	ng/ul	100
47) Dimethylphthalate	14.169	163	639812	21.482	ng/ul	100
48) 2,6-Dinitrotoluene	14.304	165	131165	21.711	ng/ul	100
50) Acenaphthylene	14.439	152	761980	21.376	ng/ul	100
51) 3-Nitroaniline	14.645	138	93495	19.735	ng/ul	100
52) Acenaphthene	14.775	153	524409	21.215	ng/ul	100
53) 2,4-Dinitrophenol	14.869	184	59760	18.769	ng/ul	100
55) 4-Nitrophenol	14.957	109	79192	18.785	ng/ul	100
56) Dibenzofuran	15.116	168	730915	21.301	ng/ul	100
57) 2,4-Dinitrotoluene	15.104	165	181590	22.164	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.345	232	153697	21.756	ng/ul	100
59) Diethylphthalate	15.522	149	644041	21.369	ng/ul	100
61) Fluorene	15.763	166	594568	21.362	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	304766	21.400	ng/ul	100
63) 4-Nitroaniline	15.816	138	64384	20.100	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.875	198	99462	20.955	ng/ul	100
67) N-Nitrosodiphenylamine	15.969	169	501344	21.954	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	186975	21.465	ng/ul	100
69) Hexachlorobenzene	16.775	284	218539	21.263	ng/ul	100
70) Atrazine	16.928	200	188820	21.601	ng/ul	100
71) Pentachlorophenol	17.133	266	92942	18.972	ng/ul	100
72) Phenanthrene	17.516	178	880649	21.251	ng/ul	100
74) Anthracene	17.610	178	892813	21.441	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	266570	21.476	ng/ul	100
76) Pentachlorobenzene	15.034	250	270748	21.613	ng/ul	100
77) Carbazole	17.886	167	753718	21.476	ng/ul	100
78) Di-n-butylphthalate	18.404	149	996146	21.410	ng/ul	100
80) Fluoranthene	19.474	202	957024	22.797	ng/ul	100
82) Pyrene	19.833	202	962258	22.471	ng/ul	100
83) Butylbenzylphthalate	20.680	149	378173	21.646	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.474	252	246463	21.076	ng/ul	100
85) Benzo(a)anthracene	21.545	228	785089	21.575	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	501439	20.885	ng/ul	100
87) Chrysene	21.604	228	742558	21.508	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	790744	20.902	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	683948	20.563	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	704978	20.978	ng/ul	100
93) Benzo(a)pyrene	24.004	252	601674	20.702	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.815	276	820102	20.786	ng/ul	100
95) Dibenzo(a,h)anthracene	26.827	278	677500	20.906	ng/ul	100
96) Benzo(g,h,i)perylene	27.656	276	668512	20.687	ng/ul	100

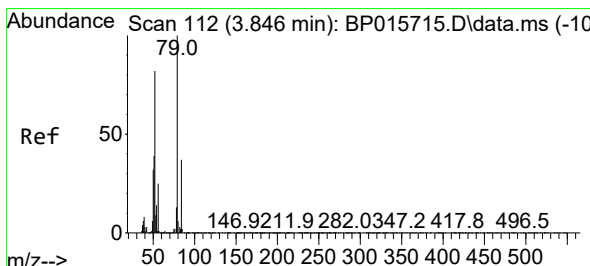
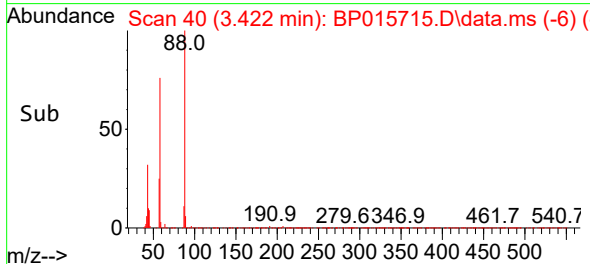
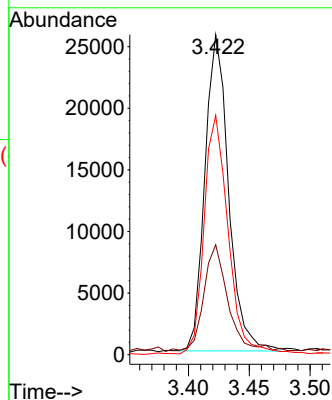
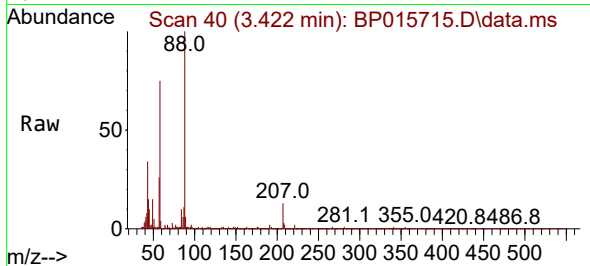
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#2
 1,4-Dioxane
 Concen: 8.352 ng/uL
 RT: 3.422 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BP015715.D
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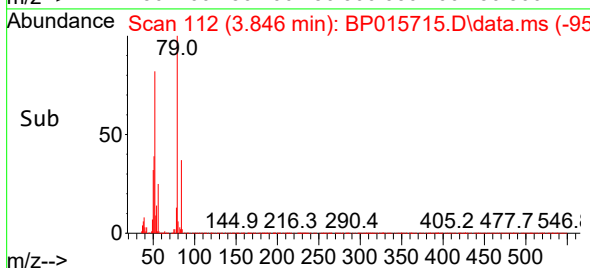
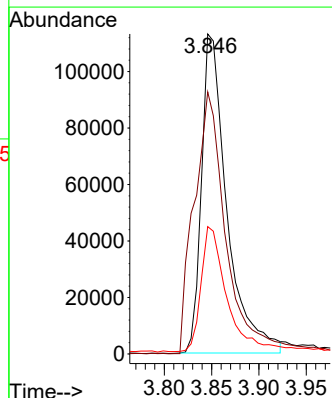
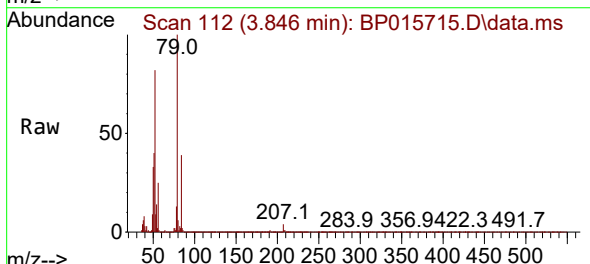
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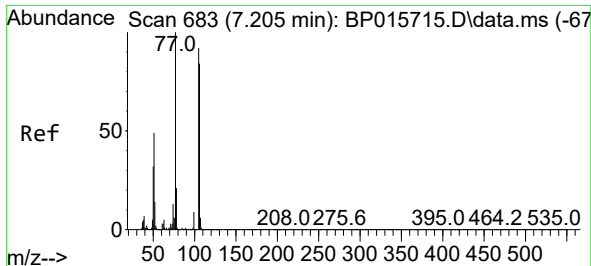
Tgt Ion: 88	Resp: 34683
Ion Ratio	Lower Upper
88 100	
43 34.3	27.4 41.2
58 74.8	59.8 89.8



#5
 Pyridine
 Concen: 20.782 ng/uL
 RT: 3.846 min Scan# 112
 Delta R.T. 0.000 min
 Lab File: BP015715.D
 Acq: 26 Jun 2023 15:37

Tgt Ion: 79	Resp: 211491
Ion Ratio	Lower Upper
79 100	
52 81.9	65.5 98.3
51 39.8	31.8 47.8

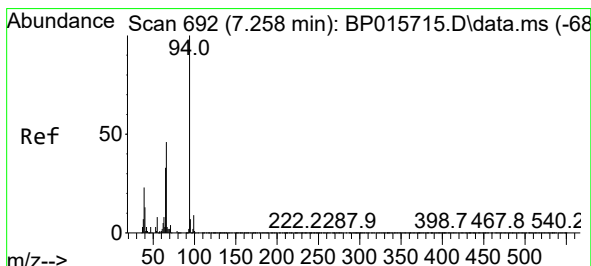
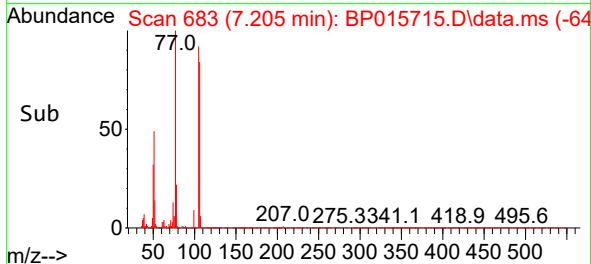
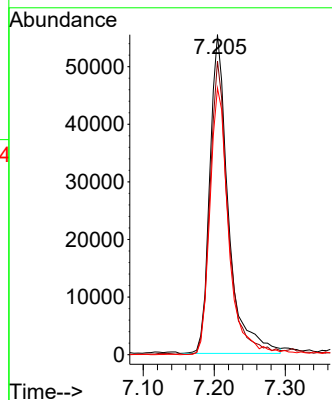
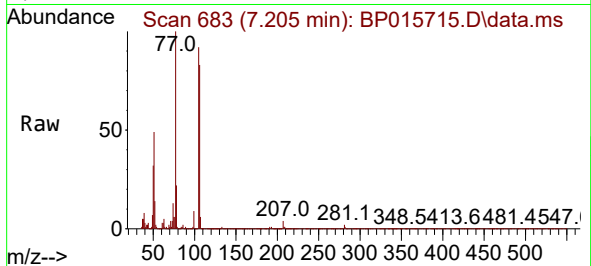




#6
Benzaldehyde
Concen: 21.608 ng/ul
RT: 7.205 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

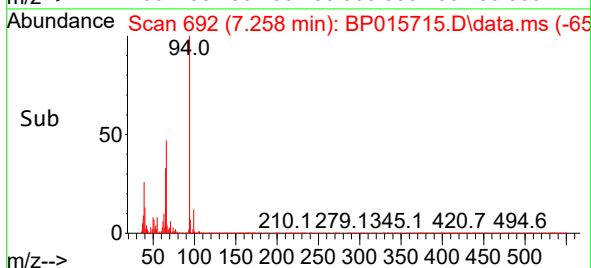
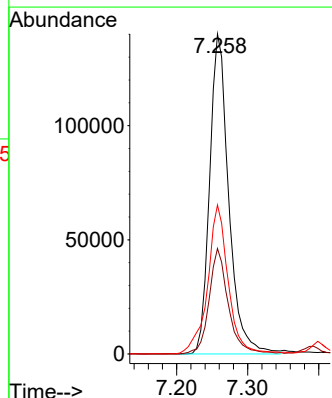
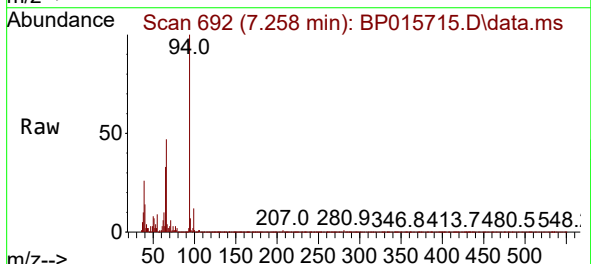
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ClientSampleId :
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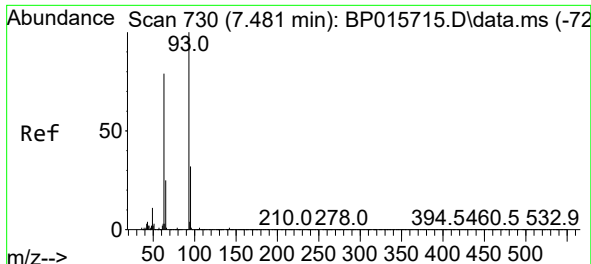
Tgt Ion: 77 Resp: 100623
Ion Ratio Lower Upper
77 100
105 91.7 73.4 110.0
106 83.3 66.6 100.0



#8
Phenol
Concen: 21.272 ng/ul
RT: 7.258 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion: 94 Resp: 262233
Ion Ratio Lower Upper
94 100
65 33.0 26.4 39.6
66 46.6 37.3 55.9

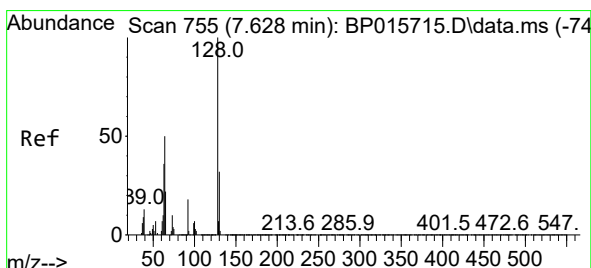
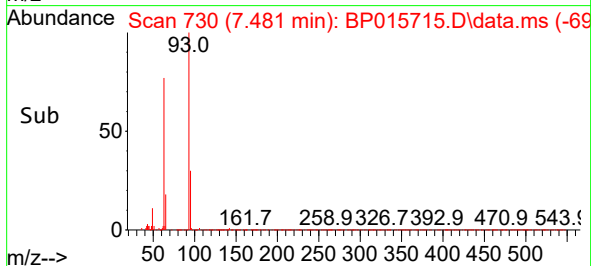
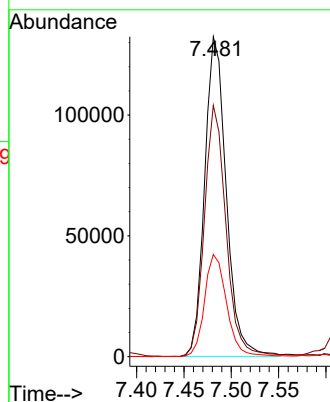
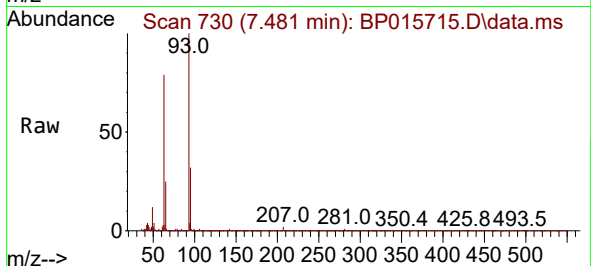




#10
Bis(2-Chloroethyl)ether
Concen: 21.408 ng/ul
RT: 7.481 min Scan# 730
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

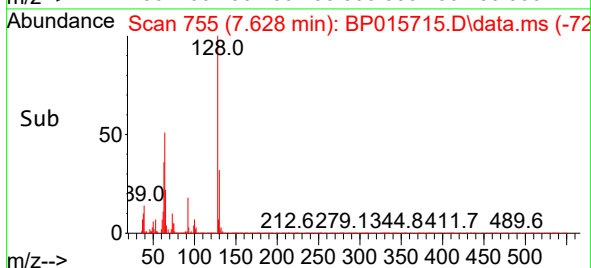
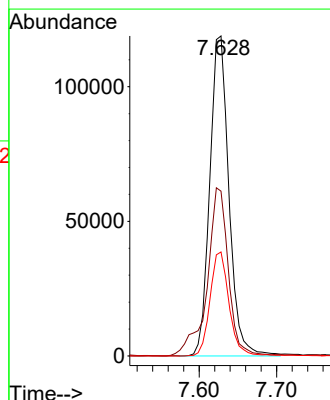
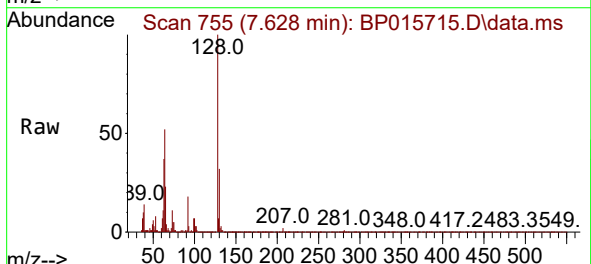
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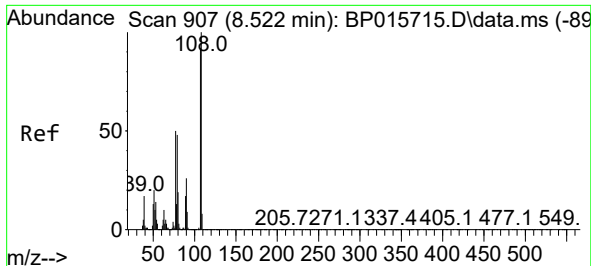
Tgt Ion: 93 Resp: 209977
Ion Ratio Lower Upper
93 100
63 78.5 62.8 94.2
95 32.0 25.6 38.4



#12
2-Chlorophenol
Concen: 21.496 ng/ul
RT: 7.628 min Scan# 755
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:128 Resp: 204792
Ion Ratio Lower Upper
128 100
64 51.5 41.2 61.8
130 32.5 26.0 39.0





#13

2-Methylphenol

Concen: 21.521 ng/ul

RT: 8.522 min Scan# 907

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

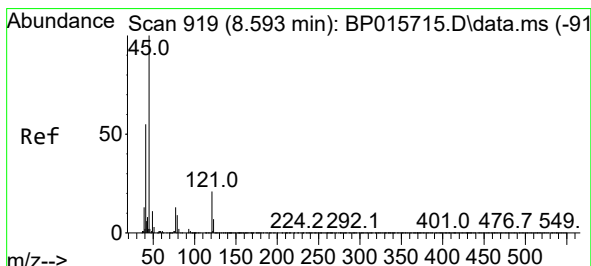
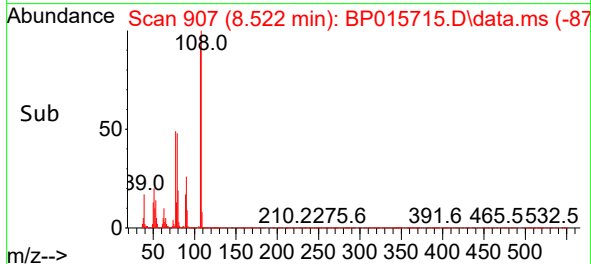
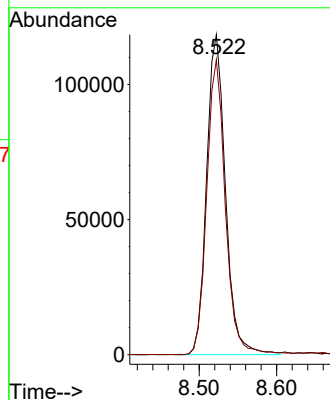
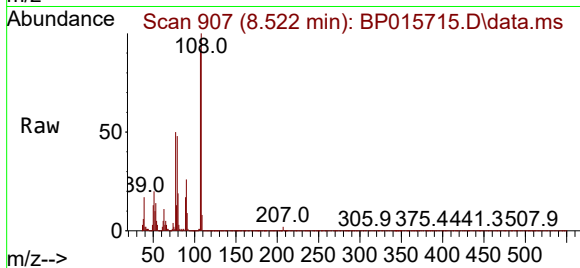
SSTD020634

Tgt Ion:108 Resp: 200311

Ion Ratio Lower Upper

108 100

107 92.2 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.756 ng/ul

RT: 8.593 min Scan# 919

Delta R.T. 0.000 min

Lab File: BP015715.D

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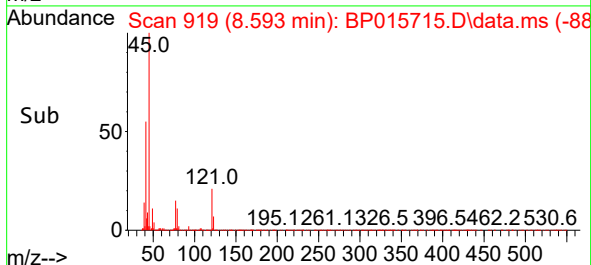
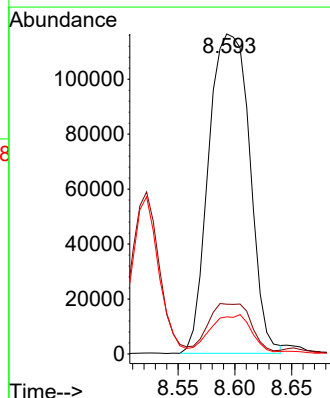
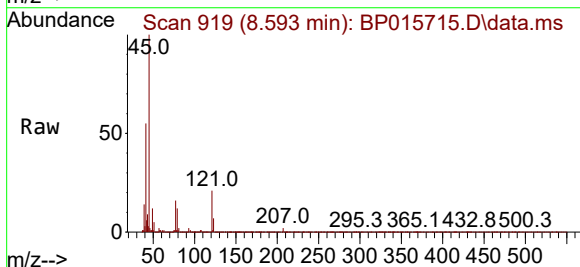
Tgt Ion: 45 Resp: 291451

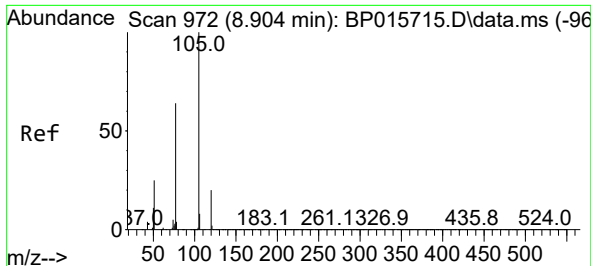
Ion Ratio Lower Upper

45 100

77 15.5 12.4 18.6

79 11.6 9.3 13.9

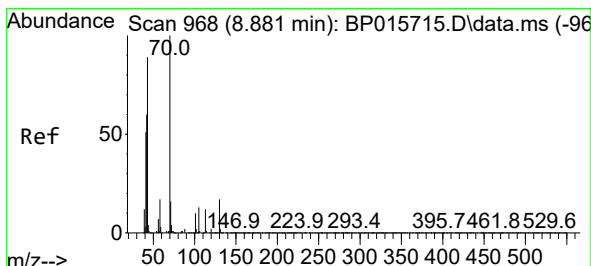
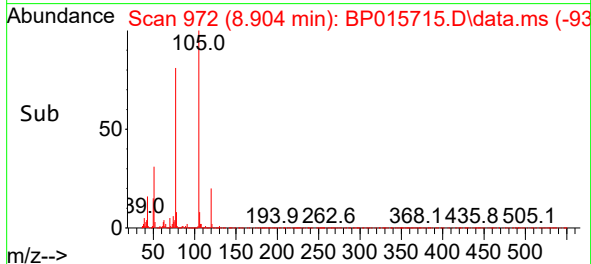
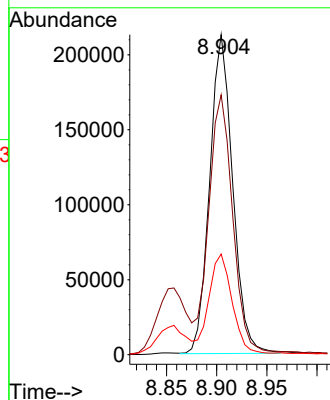
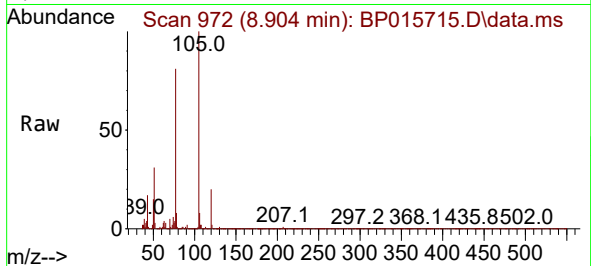




#16
Acetophenone
Concen: 22.000 ng/ul
RT: 8.904 min Scan# 91
Delta R.T. 0.000 min
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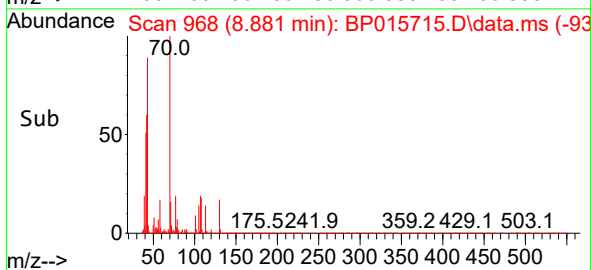
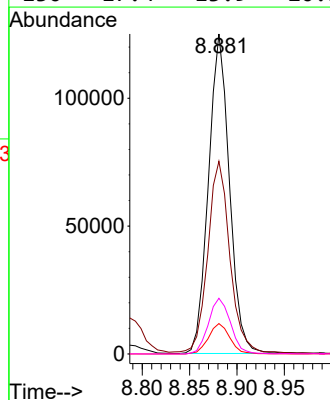
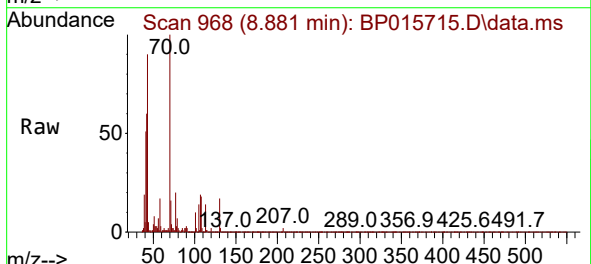
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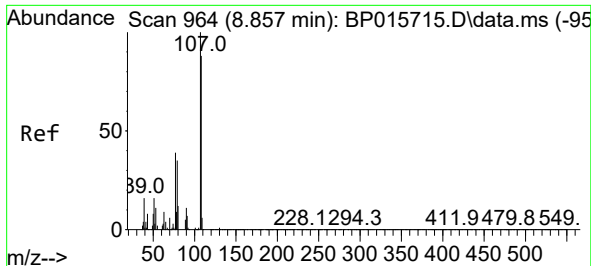
Tgt Ion:105 Resp: 339385
Ion Ratio Lower Upper
105 100
77 81.2 65.0 97.4
51 31.4 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 22.388 ng/ul
RT: 8.881 min Scan# 968
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion: 70 Resp: 191825
Ion Ratio Lower Upper
70 100
42 60.2 48.2 72.2
101 9.5 7.6 11.4
130 17.4 13.9 20.9





#18

4-Methylphenol

Concen: 21.823 ng/ul

RT: 8.857 min Scan# 964

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

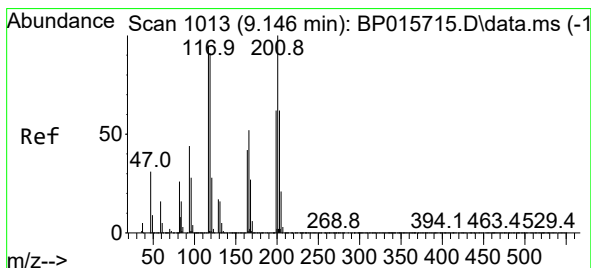
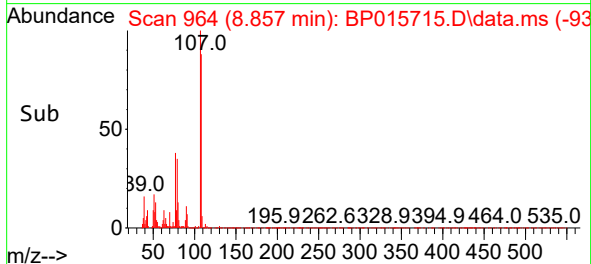
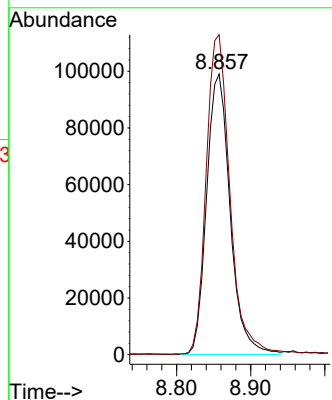
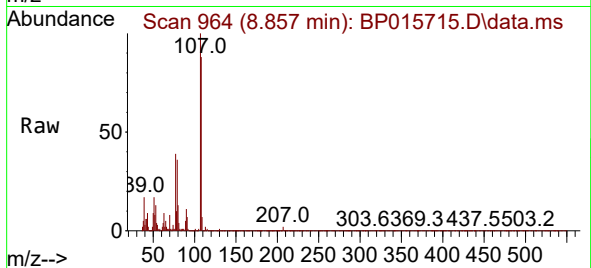
SSTD020634

Tgt Ion:108 Resp: 218239

Ion Ratio Lower Upper

108 100

107 114.1 91.3 136.9



#19

Hexachloroethane

Concen: 21.109 ng/ul

RT: 9.146 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

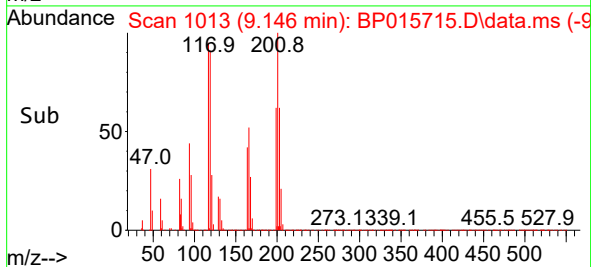
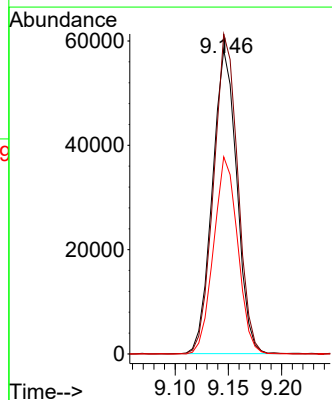
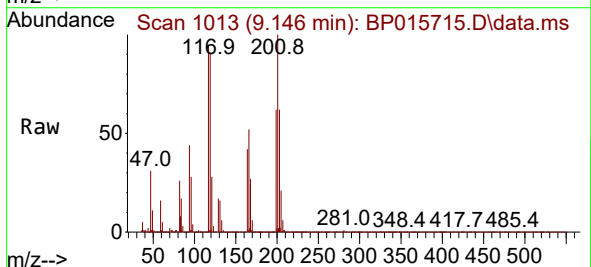
Tgt Ion:117 Resp: 92882

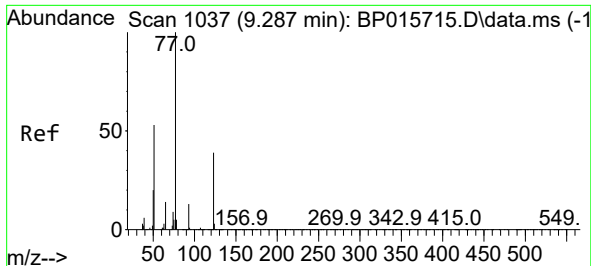
Ion Ratio Lower Upper

117 100

201 105.2 84.2 126.2

199 64.8 51.8 77.8

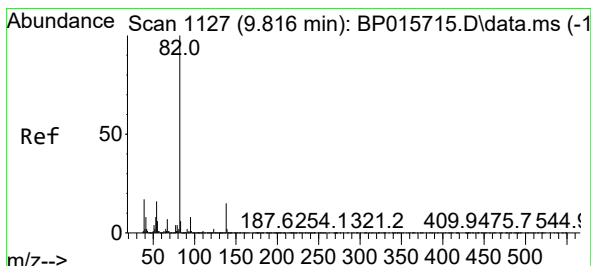
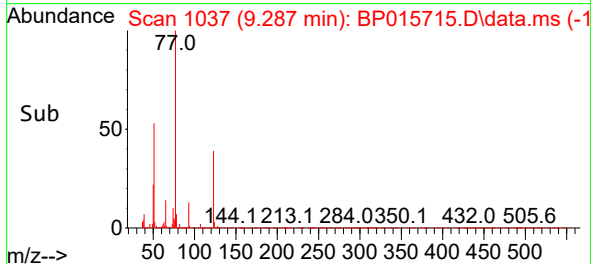
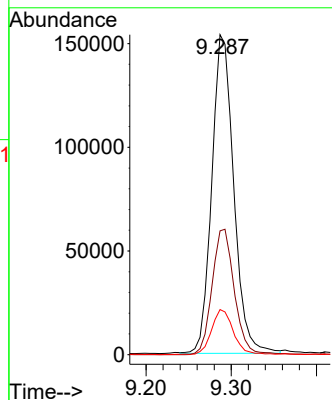
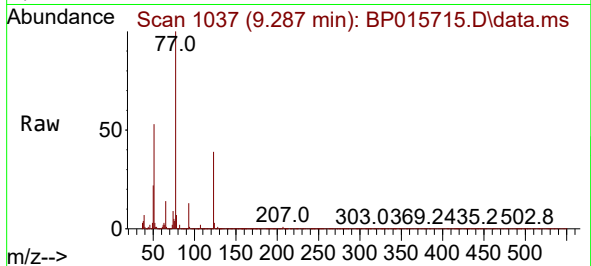




#22
Nitrobenzene
Concen: 21.674 ng/ul
RT: 9.287 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

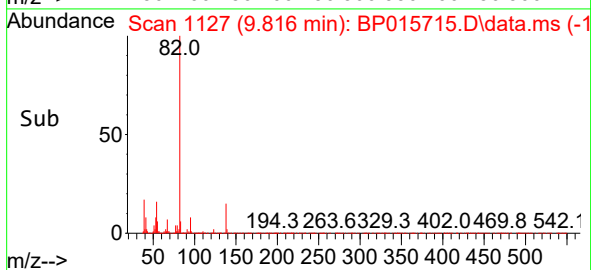
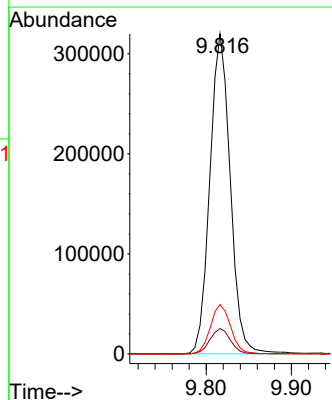
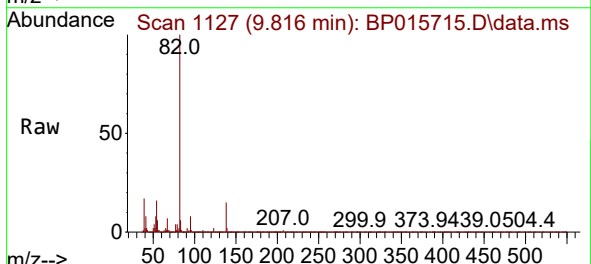
Instrument :
BNA_P
ClientSampleId :
SSTD020634

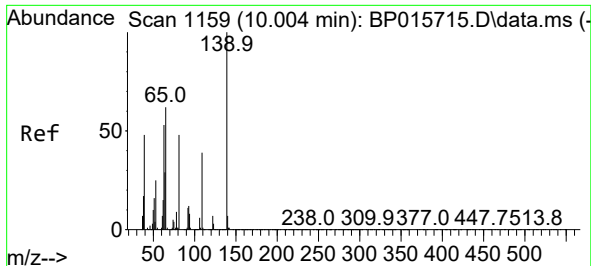
Tgt Ion: 77 Resp: 275089
Ion Ratio Lower Upper
77 100
123 38.7 31.0 46.4
65 14.1 11.3 16.9



#23
Isophorone
Concen: 21.872 ng/ul
RT: 9.816 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion: 82 Resp: 531240
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 15.4 12.3 18.5

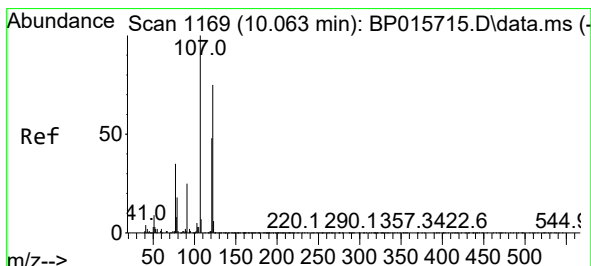
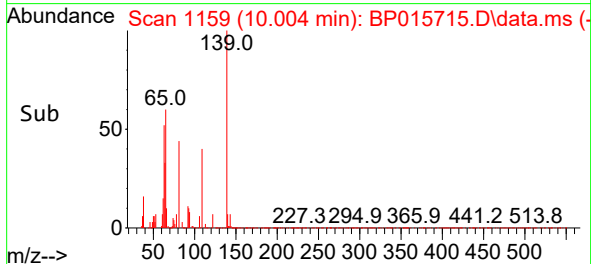
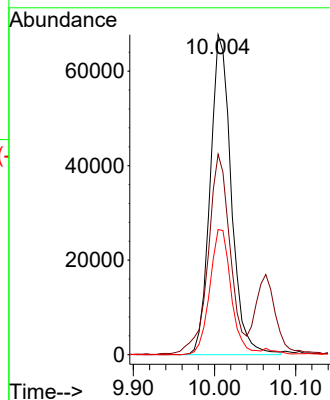
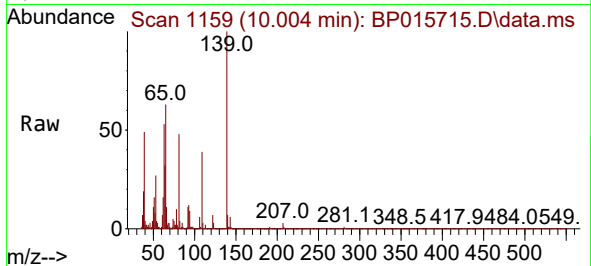




#25
2-Nitrophenol
Concen: 21.816 ng/ul
RT: 10.004 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

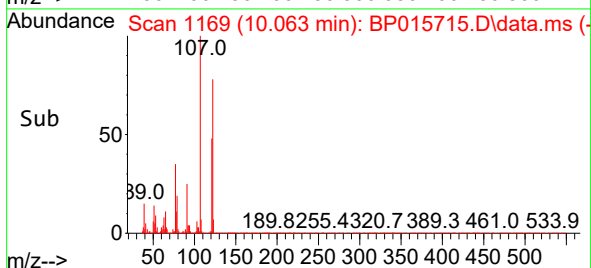
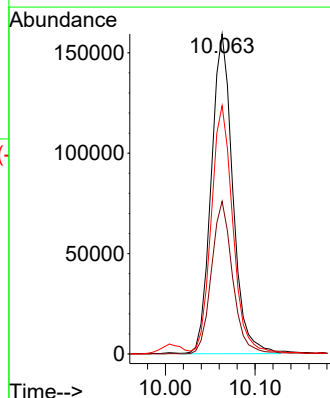
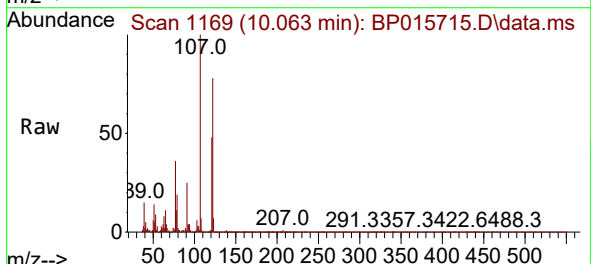
Instrument :
BNA_P
ClientSampleId :
SSTD020634

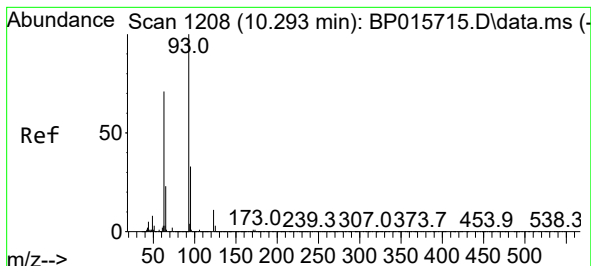
Tgt Ion:139 Resp: 122131
Ion Ratio Lower Upper
139 100
65 62.7 50.2 75.2
109 39.1 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 21.630 ng/ul
RT: 10.063 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:107 Resp: 266190
Ion Ratio Lower Upper
107 100
121 47.7 38.2 57.2
122 77.6 62.1 93.1

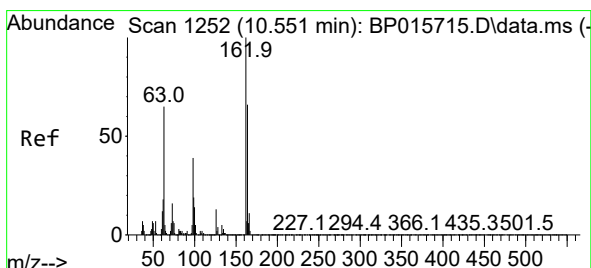
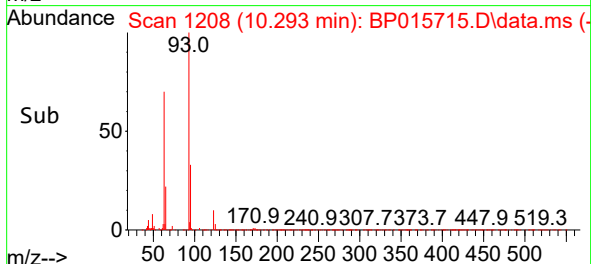
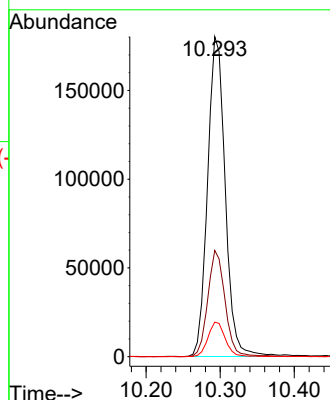
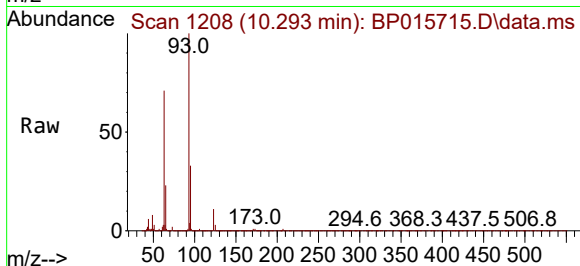




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.762 ng/ul
 RT: 10.293 min Scan# 1208
 Delta R.T. 0.000 min
 Lab File: BP015715.D
 Acq: 26 Jun 2023 15:37

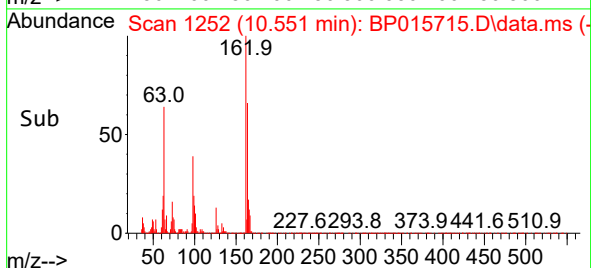
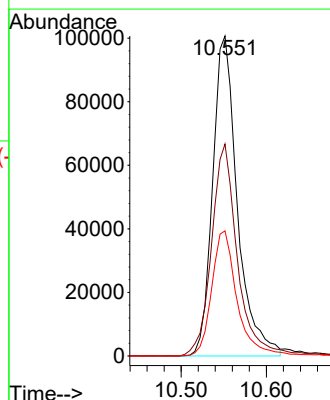
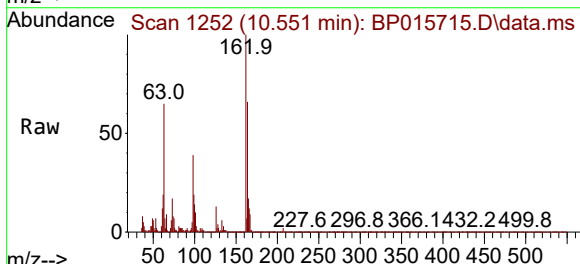
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020634

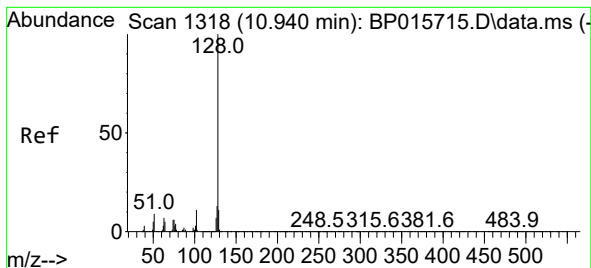
Tgt Ion: 93 Resp: 298380
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 39.8
 123 10.8 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 21.711 ng/ul
 RT: 10.551 min Scan# 1252
 Delta R.T. 0.000 min
 Lab File: BP015715.D
 Acq: 26 Jun 2023 15:37

Tgt Ion: 162 Resp: 202896
 Ion Ratio Lower Upper
 162 100
 164 66.3 53.0 79.6
 98 39.1 31.3 46.9





#30

Naphthalene

Concen: 21.331 ng/ul

RT: 10.940 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

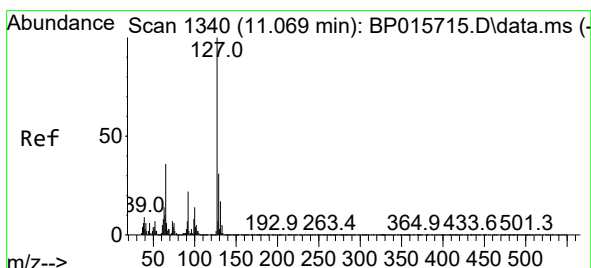
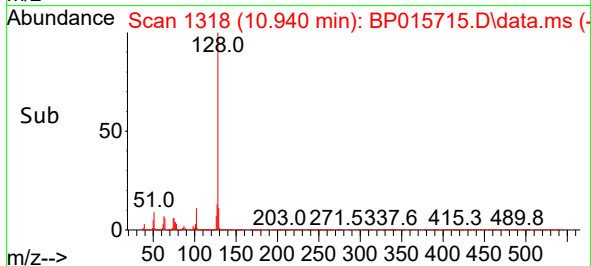
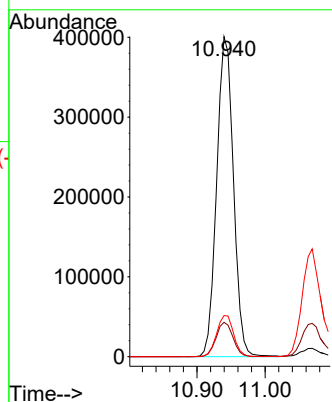
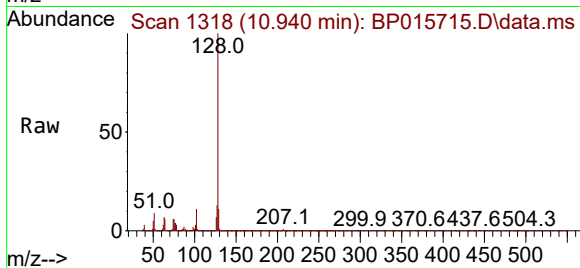
Tgt Ion:128 Resp: 685768

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.9 10.3 15.5



#32

4-Chloroaniline

Concen: 21.843 ng/ul

RT: 11.069 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BP015715.D

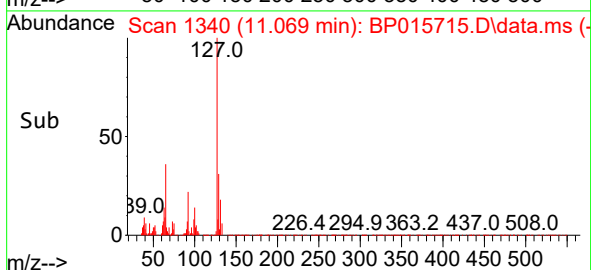
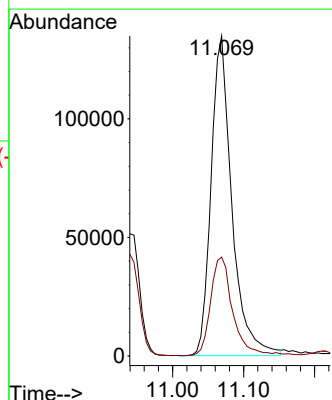
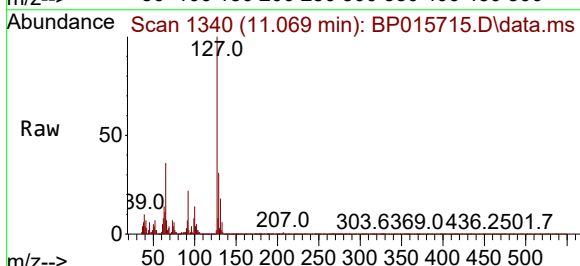
Acq: 26 Jun 2023 15:37

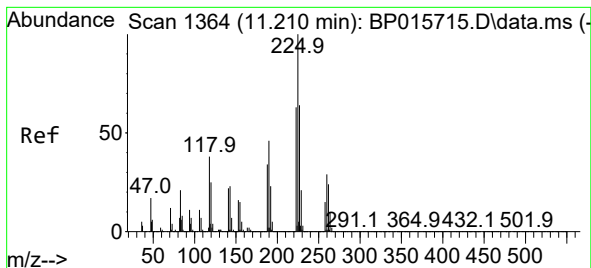
Tgt Ion:127 Resp: 274039

Ion Ratio Lower Upper

127 100

129 30.9 24.7 37.1





#33

Hexachlorobutadiene

Concen: 21.299 ng/ul

RT: 11.210 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

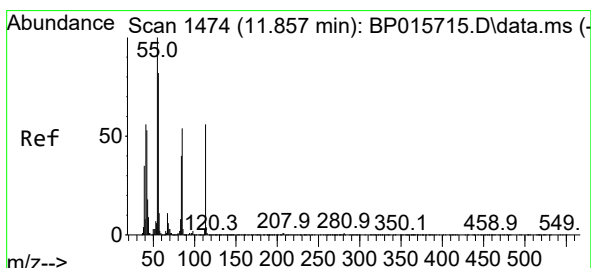
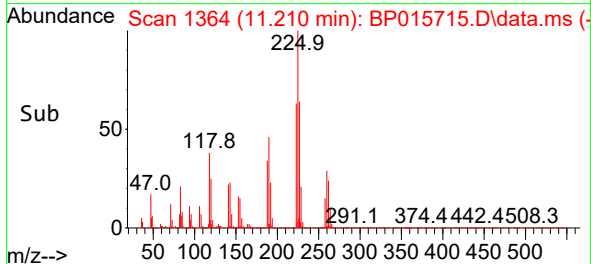
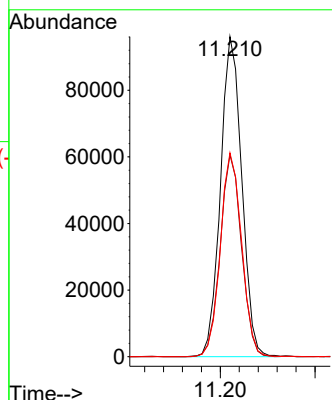
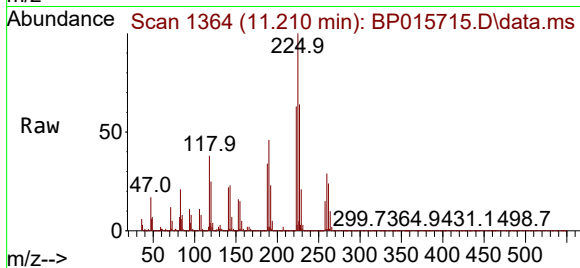
Tgt Ion:225 Resp: 150318

Ion Ratio Lower Upper

225 100

223 63.0 50.4 75.6

227 63.7 51.0 76.4



#34

Caprolactam

Concen: 21.886 ng/ul

RT: 11.857 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

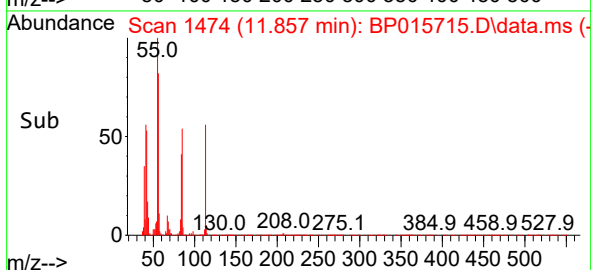
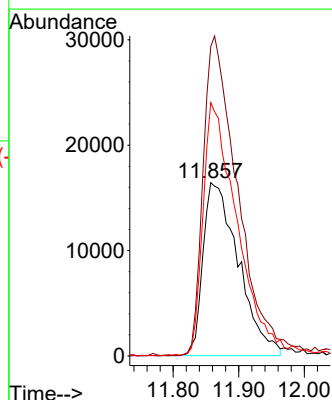
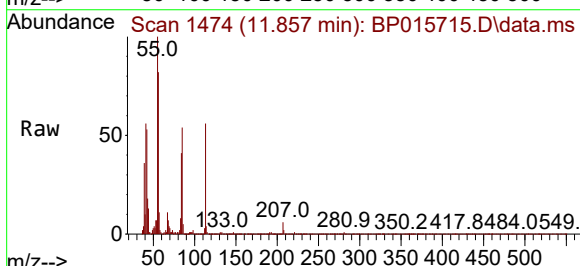
Tgt Ion:113 Resp: 61665

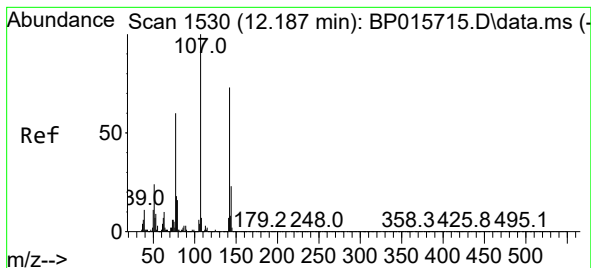
Ion Ratio Lower Upper

113 100

55 178.5 142.8 214.2

56 146.1 116.9 175.3

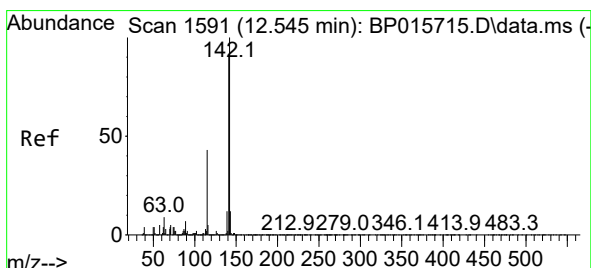
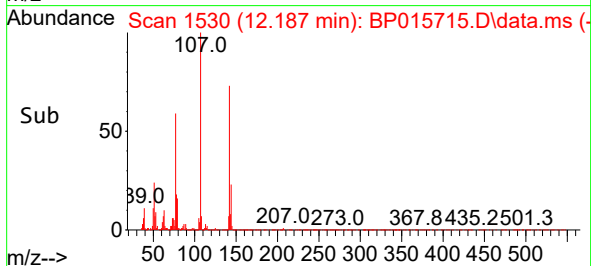
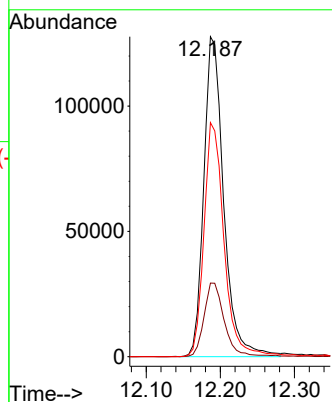
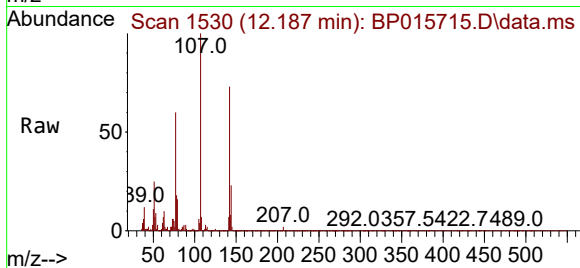




#35
4-Chloro-3-methylphenol
Concen: 21.800 ng/ul
RT: 12.187 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

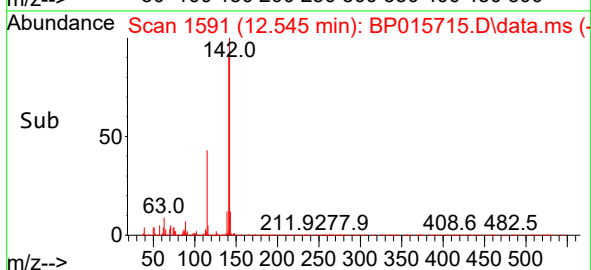
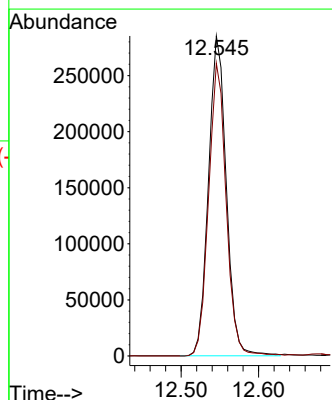
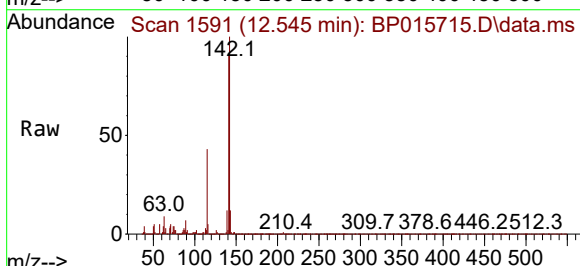
Instrument :
BNA_P
ClientSampleId :
SSTD020634

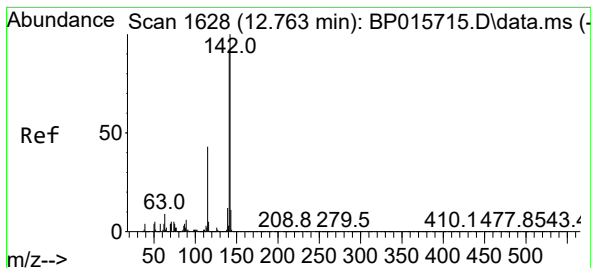
Tgt Ion:107 Resp: 238475
Ion Ratio Lower Upper
107 100
144 23.0 18.4 27.6
142 73.2 58.6 87.8



#36
2-Methylnaphthalene
Concen: 21.555 ng/ul
RT: 12.545 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:142 Resp: 456181
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8





#37

1-Methylnaphthalene

Concen: 21.624 ng/ul

RT: 12.763 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

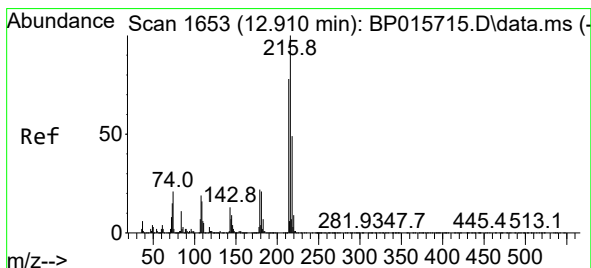
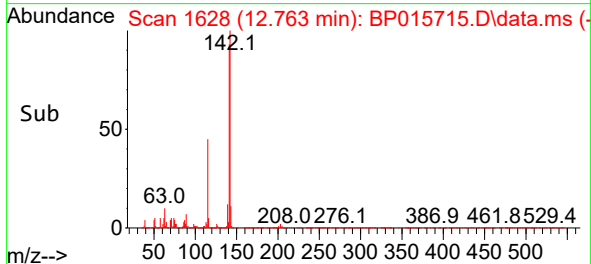
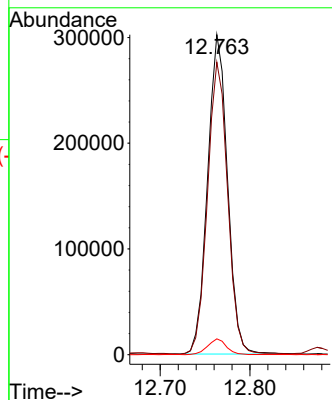
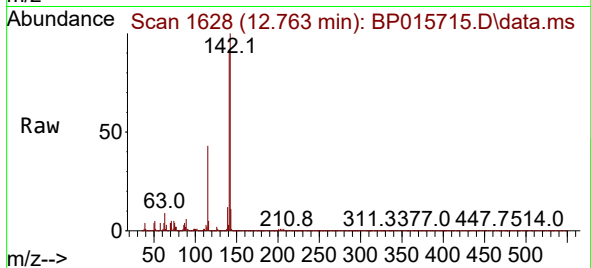
Tgt Ion:142 Resp: 466858

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

116 5.0 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.321 ng/ul

RT: 12.910 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Tgt Ion:216 Resp: 261599

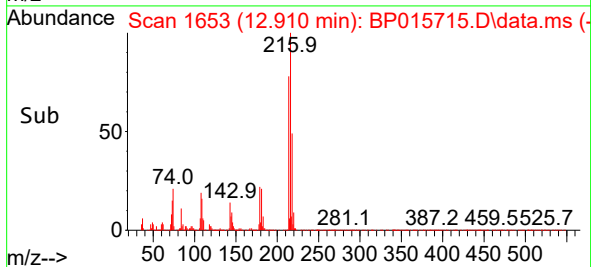
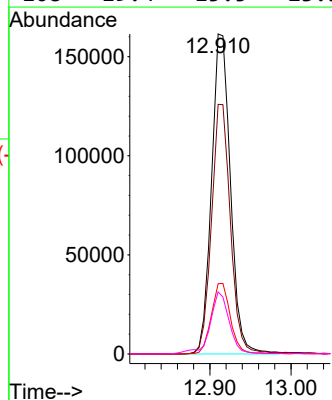
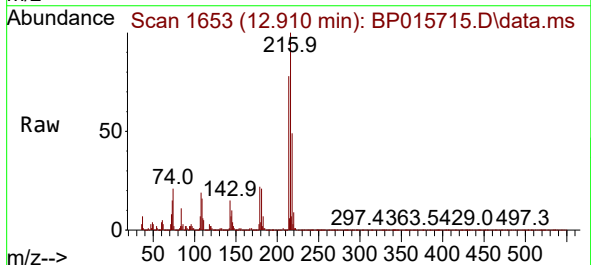
Ion Ratio Lower Upper

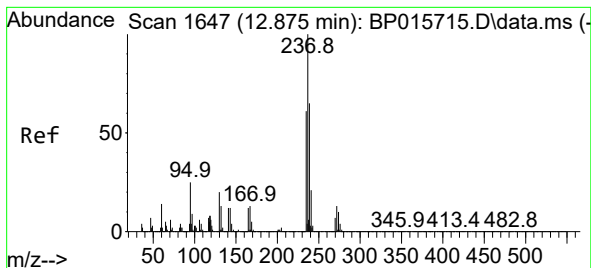
216 100

214 78.0 62.4 93.6

179 22.0 17.6 26.4

108 19.4 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 19.199 ng/ul

RT: 12.875 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

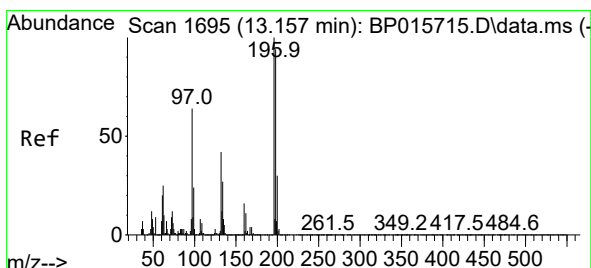
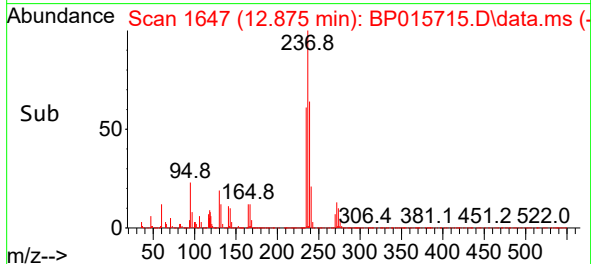
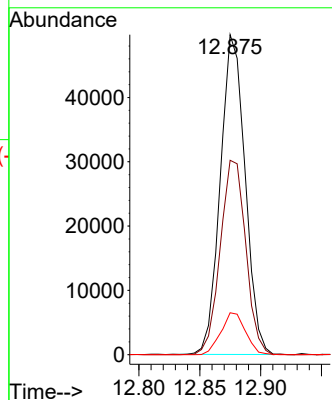
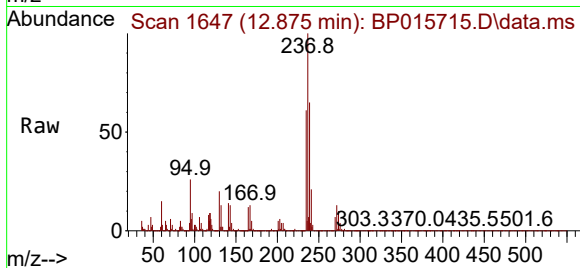
Tgt Ion:237 Resp: 70473

Ion Ratio Lower Upper

237 100

235 60.8 48.6 73.0

272 13.1 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 21.764 ng/ul

RT: 13.157 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

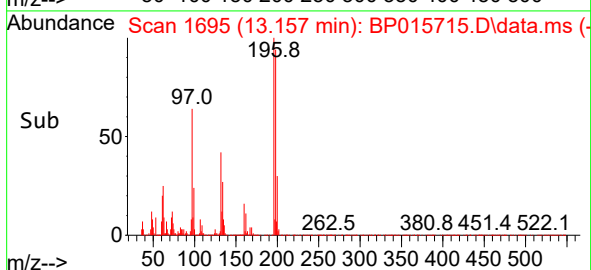
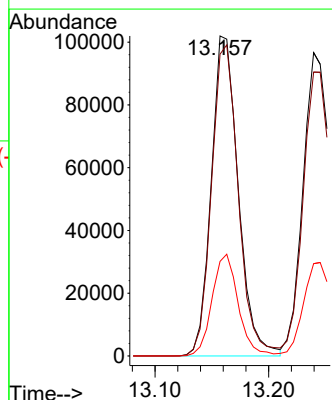
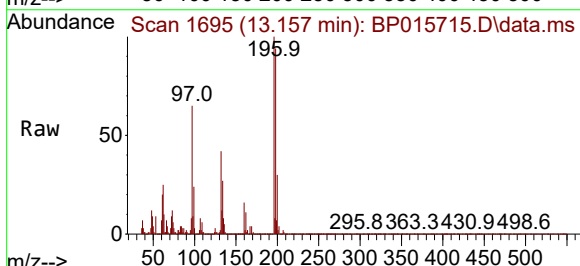
Tgt Ion:196 Resp: 168758

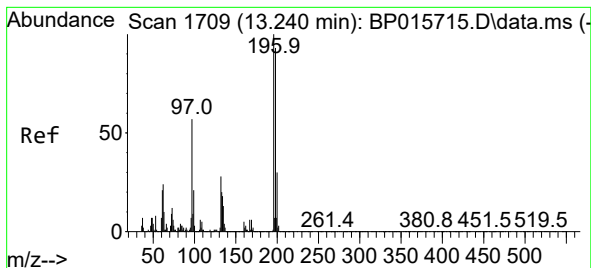
Ion Ratio Lower Upper

196 100

198 94.3 75.4 113.2

200 29.5 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 22.234 ng/ul

RT: 13.240 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

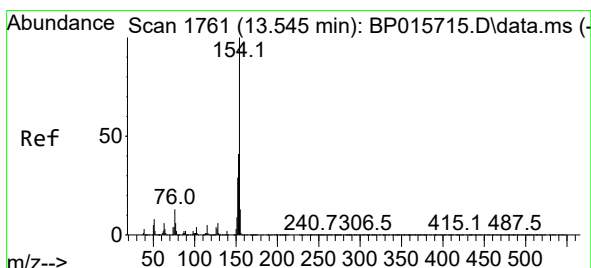
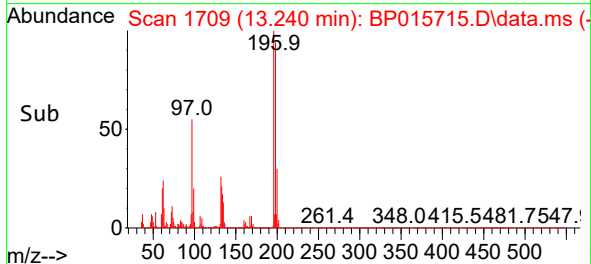
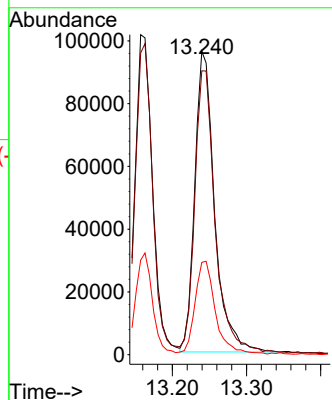
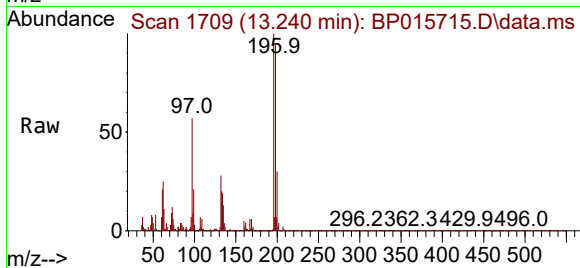
Tgt Ion:196 Resp: 178509

Ion Ratio Lower Upper

196 100

198 93.6 74.9 112.3

200 30.4 24.3 36.5



#43

1,1'-Biphenyl

Concen: 21.347 ng/ul

RT: 13.545 min Scan# 1761

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

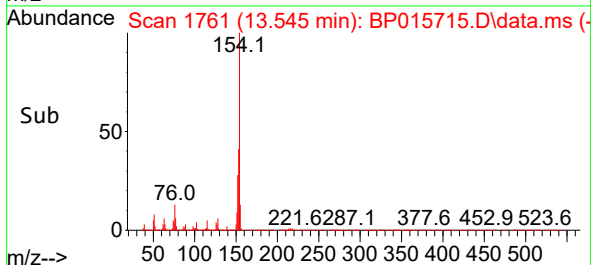
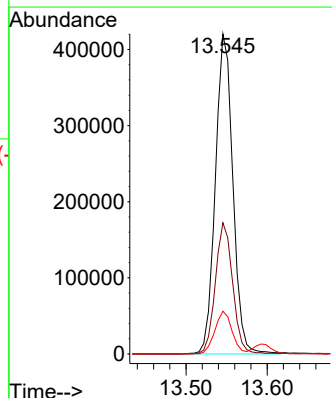
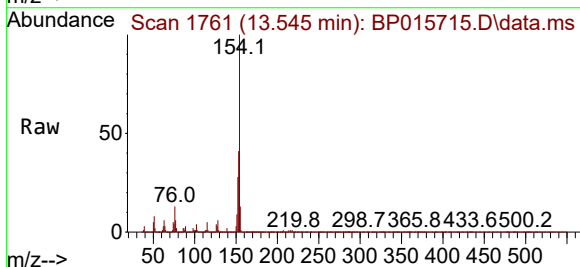
Tgt Ion:154 Resp: 629542

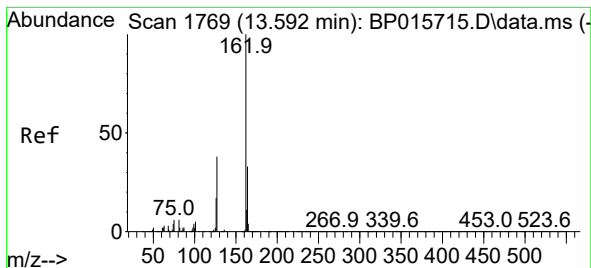
Ion Ratio Lower Upper

154 100

153 41.0 32.8 49.2

76 13.4 10.7 16.1





#44

2-Chloronaphthalene

Concen: 21.457 ng/ul

RT: 13.592 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

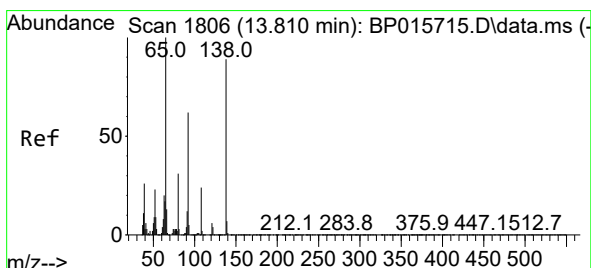
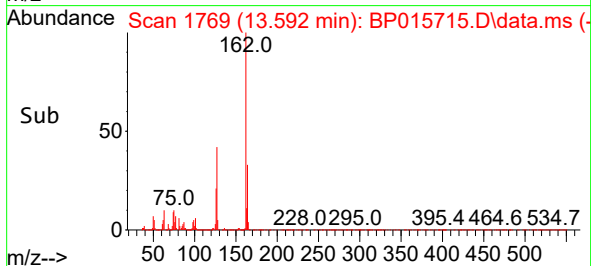
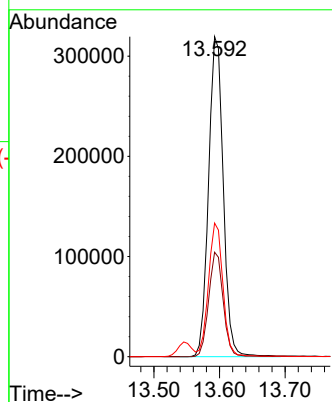
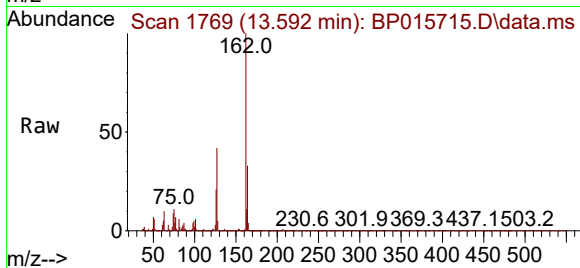
Tgt Ion:162 Resp: 498487

Ion Ratio Lower Upper

162 100

164 32.6 26.1 39.1

127 41.7 33.4 50.0



#45

2-Nitroaniline

Concen: 22.393 ng/ul

RT: 13.810 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

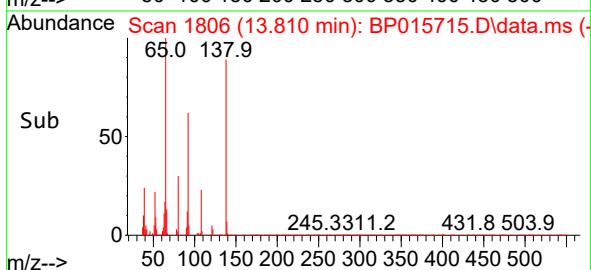
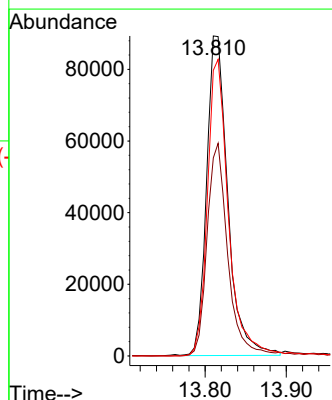
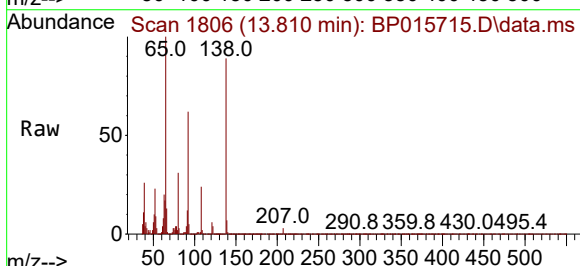
Tgt Ion: 65 Resp: 161954

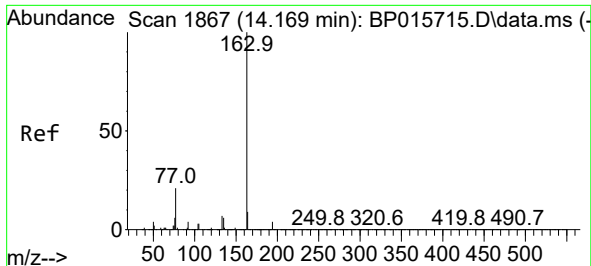
Ion Ratio Lower Upper

65 100

92 61.9 49.5 74.3

138 89.3 71.4 107.2

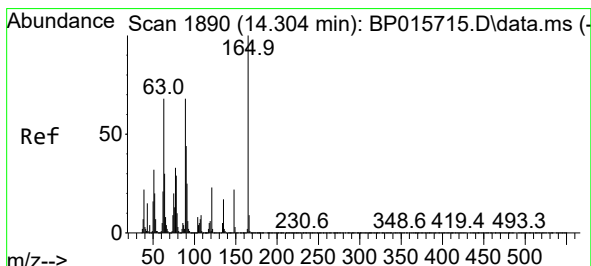
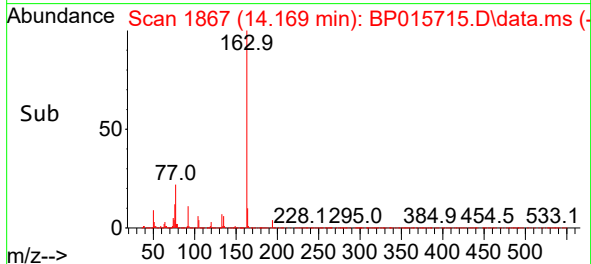
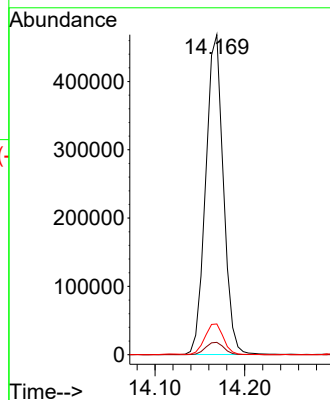
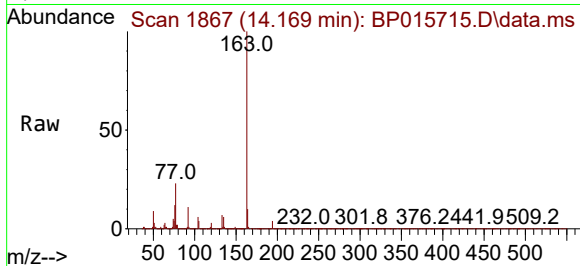




#47
Dimethylphthalate
Concen: 21.482 ng/ul
RT: 14.169 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

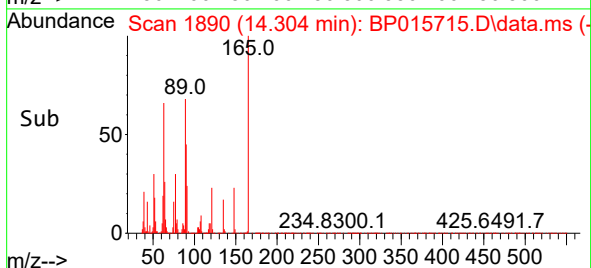
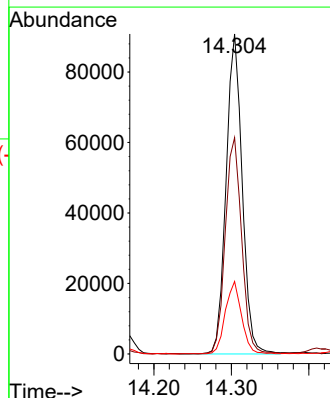
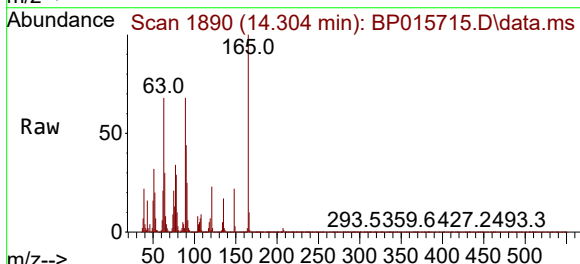
Instrument :
BNA_P
ClientSampleId :
SSTD020634

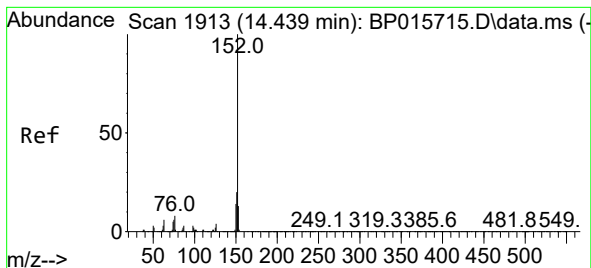
Tgt Ion:163 Resp: 639812
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.6 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 21.711 ng/ul
RT: 14.304 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:165 Resp: 131165
Ion Ratio Lower Upper
165 100
89 67.6 54.1 81.1
121 22.7 18.2 27.2





#50

Acenaphthylene

Concen: 21.376 ng/ul

RT: 14.439 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

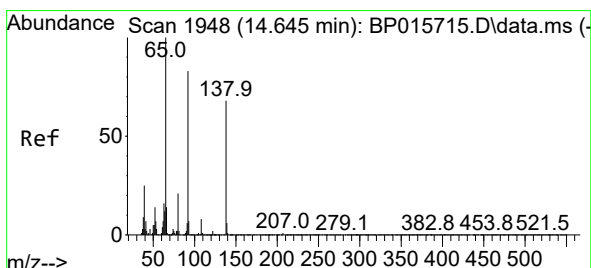
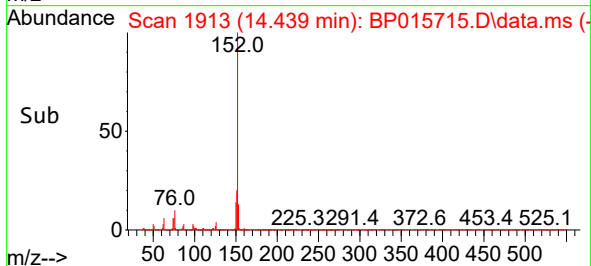
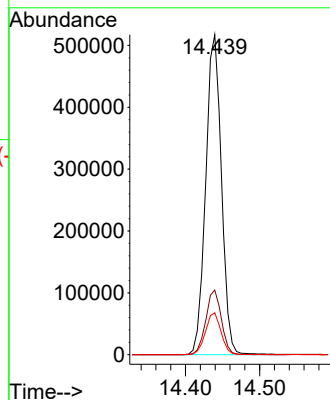
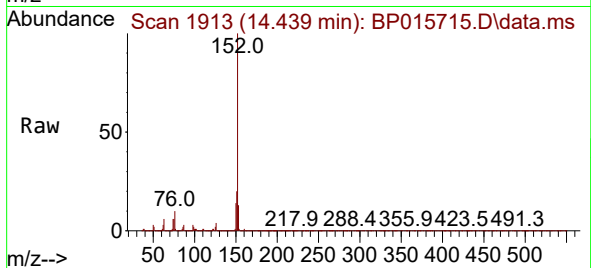
Tgt Ion:152 Resp: 761980

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.1 10.5 15.7



#51

3-Nitroaniline

Concen: 19.735 ng/ul

RT: 14.645 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

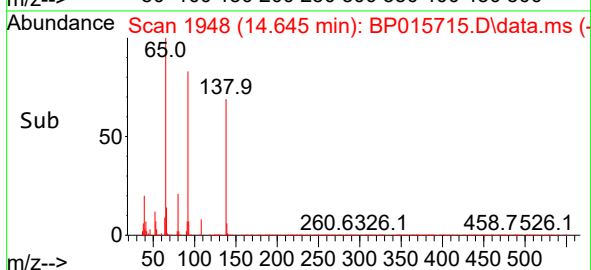
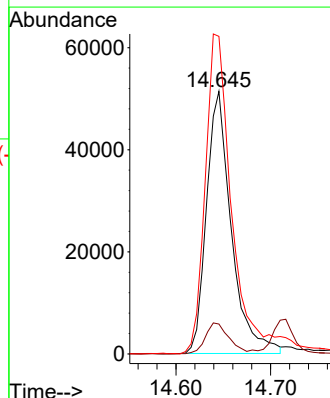
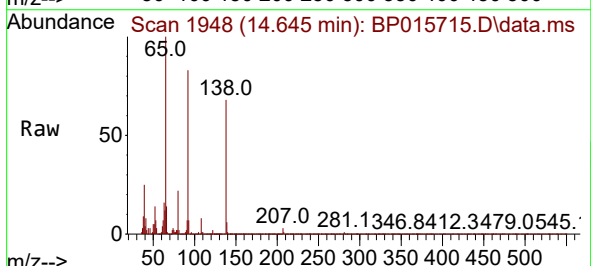
Tgt Ion:138 Resp: 93495

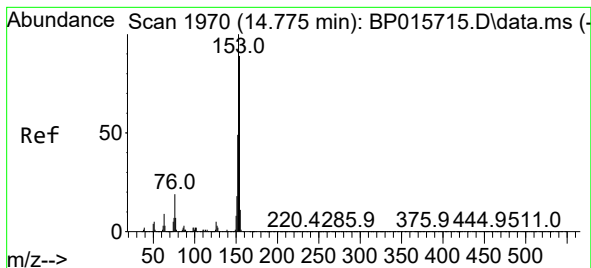
Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

92 121.0 96.8 145.2





#52

Acenaphthene

Concen: 21.215 ng/ul

RT: 14.775 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

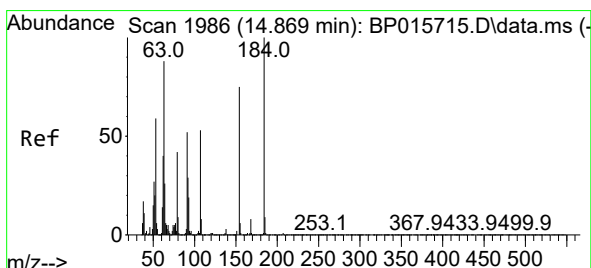
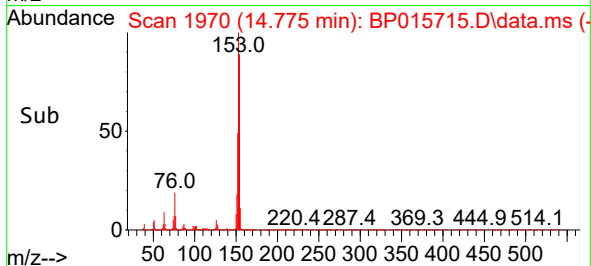
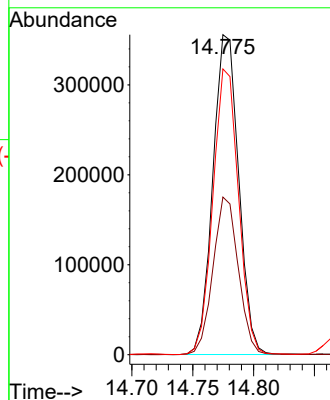
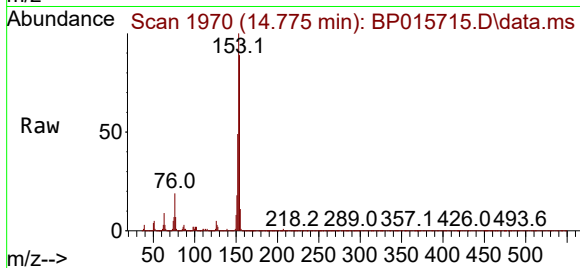
Tgt Ion:153 Resp: 524409

Ion Ratio Lower Upper

153 100

152 49.3 39.4 59.2

154 89.3 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 18.769 ng/ul

RT: 14.869 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

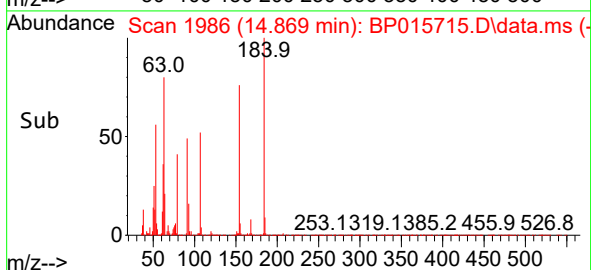
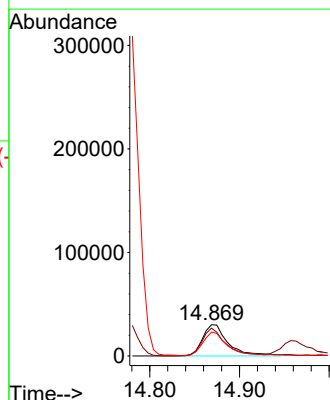
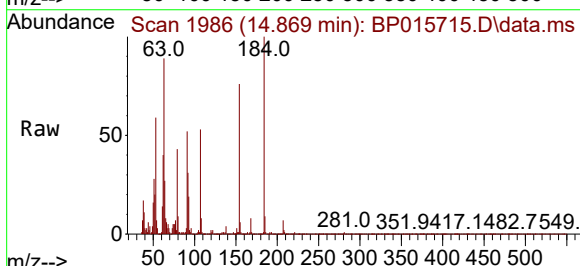
Tgt Ion:184 Resp: 59760

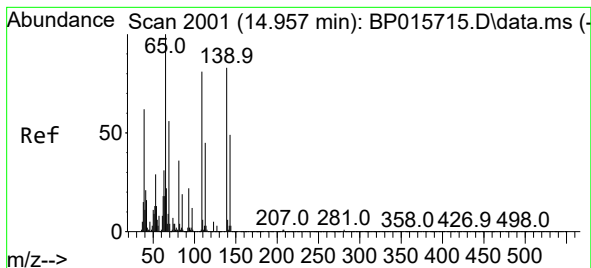
Ion Ratio Lower Upper

184 100

63 89.2 71.4 107.0

154 76.4 61.1 91.7

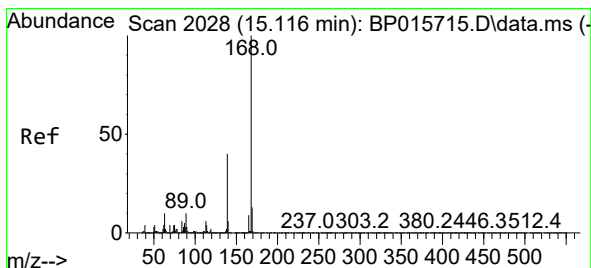
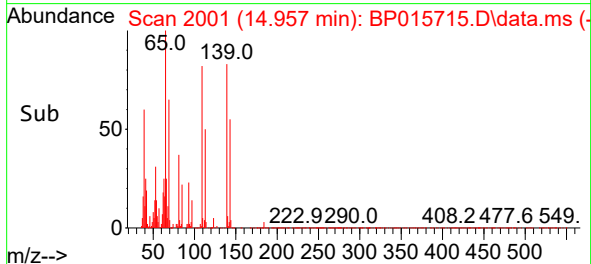
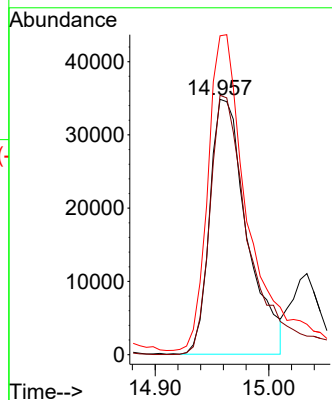
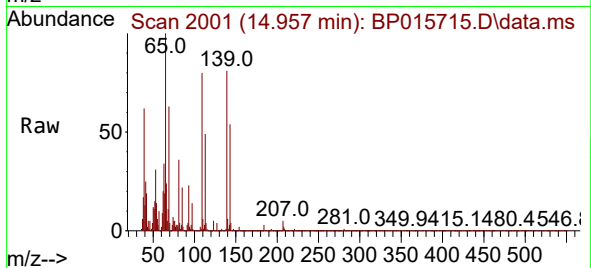




#55
4-Nitrophenol
Concen: 18.785 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

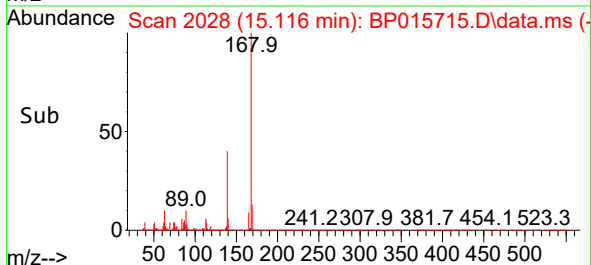
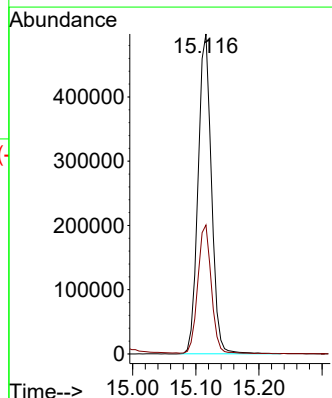
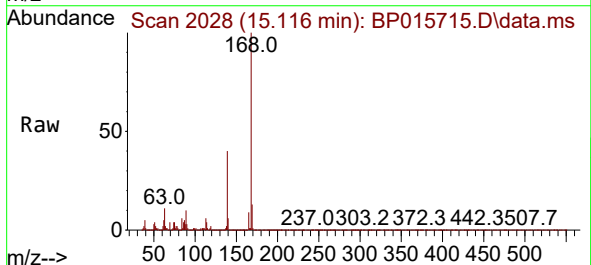
Instrument :
BNA_P
ClientSampleId :
SSTD020634

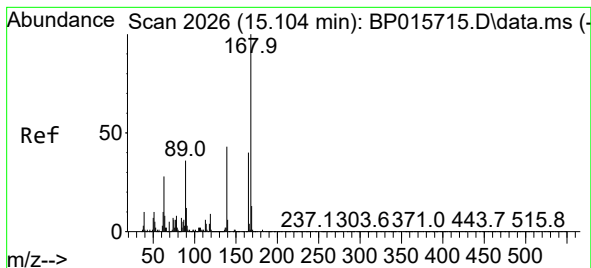
Tgt Ion:109 Resp: 79192
Ion Ratio Lower Upper
109 100
139 101.6 81.3 121.9
65 124.9 99.9 149.9



#56
Dibenzofuran
Concen: 21.301 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:168 Resp: 730915
Ion Ratio Lower Upper
168 100
139 40.3 32.2 48.4

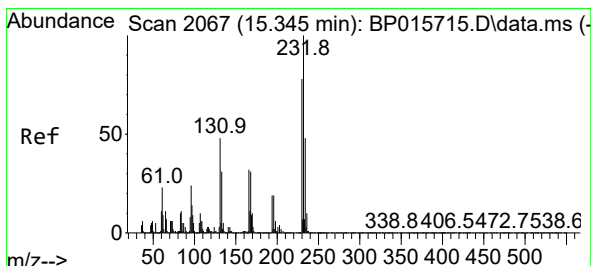
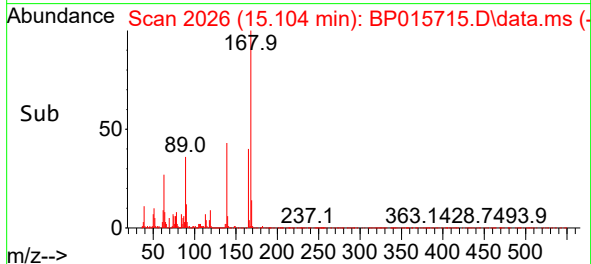
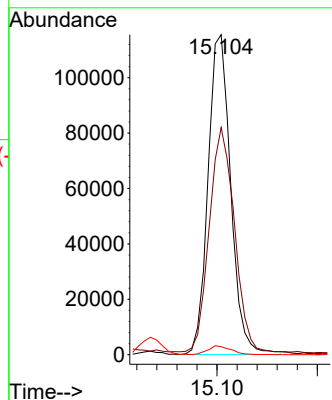
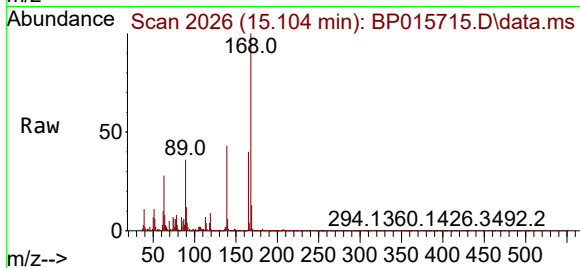




#57
2,4-Dinitrotoluene
Concen: 22.164 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

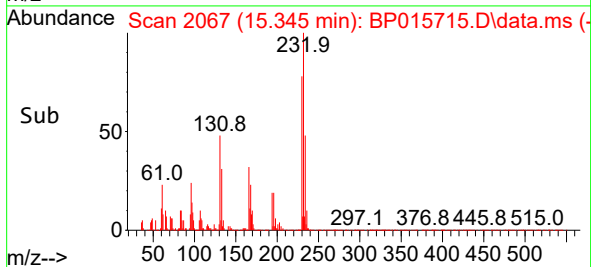
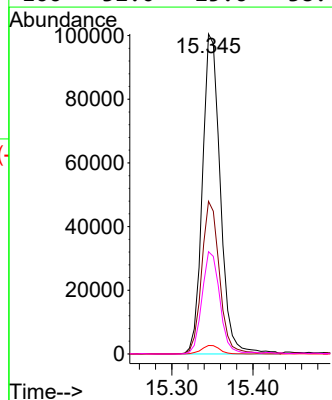
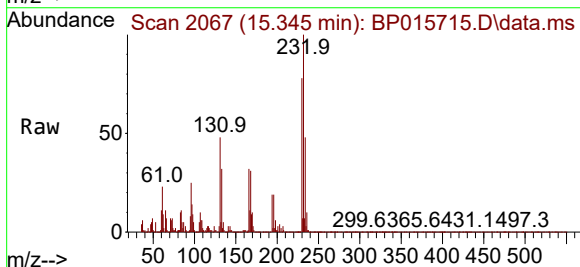
Instrument :
BNA_P
ClientSampleId :
SSTD020634

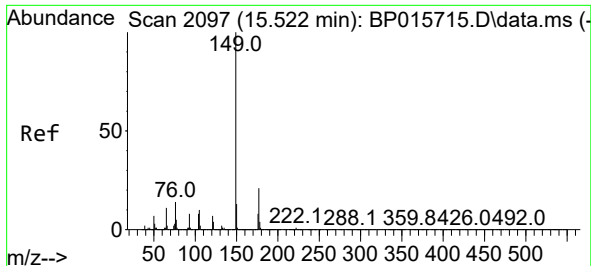
Tgt Ion:165 Resp: 181590
Ion Ratio Lower Upper
165 100
63 71.0 56.8 85.2
182 2.5 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.756 ng/ul
RT: 15.345 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:232 Resp: 153697
Ion Ratio Lower Upper
232 100
131 47.7 38.2 57.2
130 2.7 2.2 3.2
166 32.0 25.6 38.4

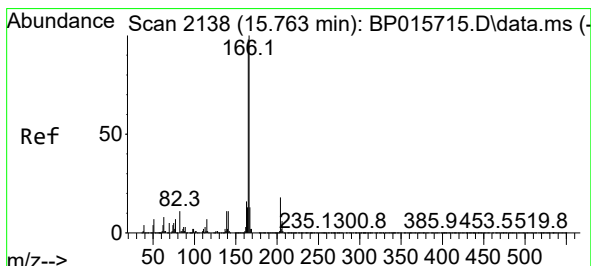
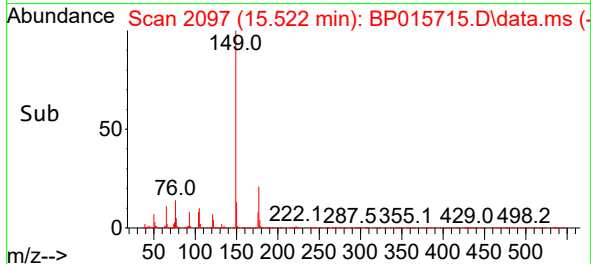
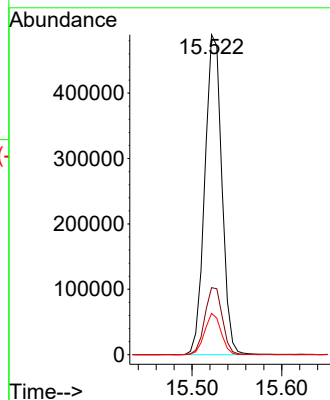
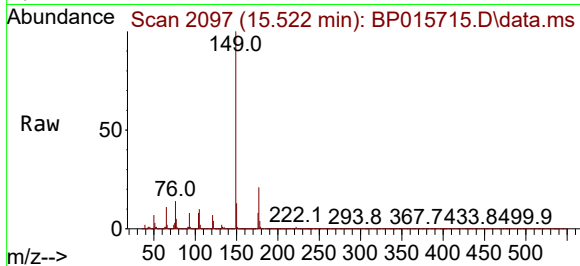




#59
Diethylphthalate
Concen: 21.369 ng/ul
RT: 15.522 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

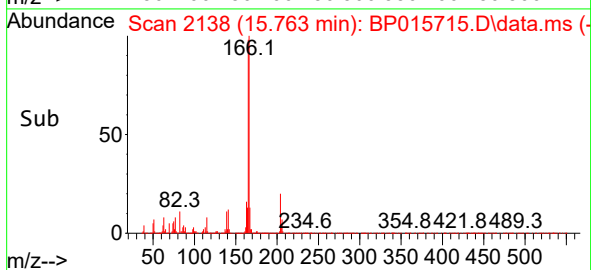
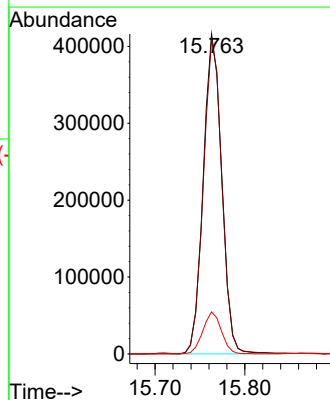
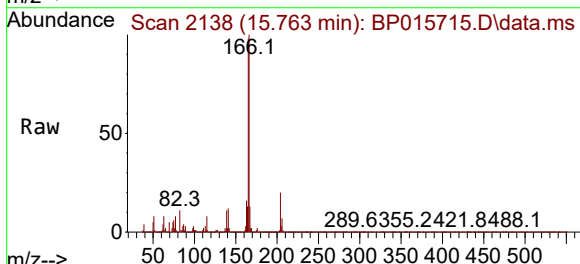
Instrument :
BNA_P
ClientSampleId :
SSTD020634

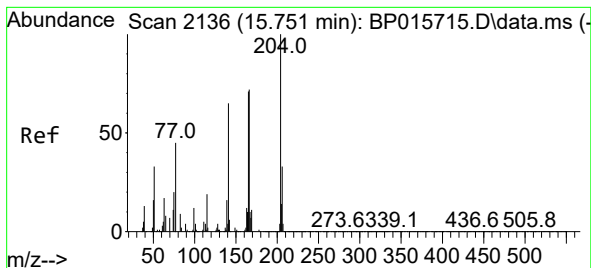
Tgt Ion:149 Resp: 644041
Ion Ratio Lower Upper
149 100
177 21.0 16.8 25.2
150 12.9 10.3 15.5



#61
Fluorene
Concen: 21.362 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:166 Resp: 594568
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.1 10.5 15.7

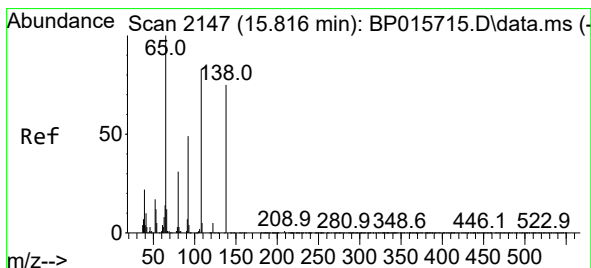
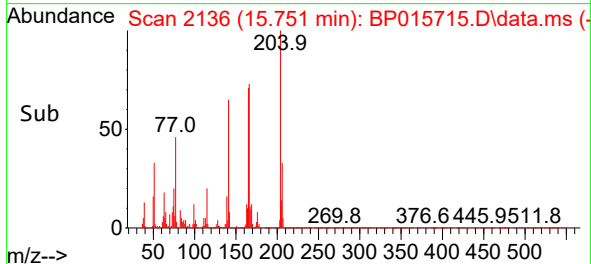
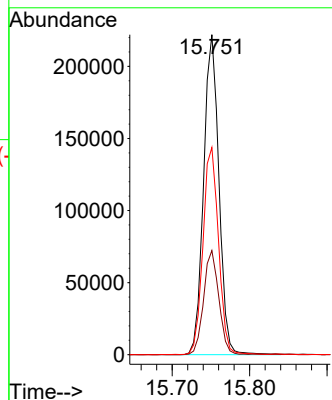
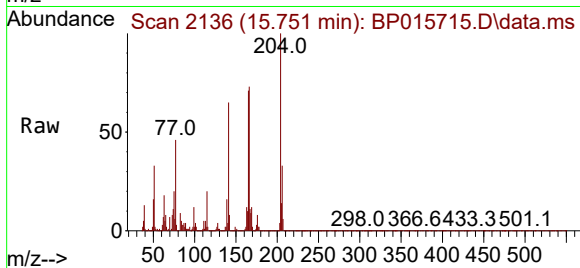




#62
4-Chlorophenyl-phenylether
Concen: 21.400 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

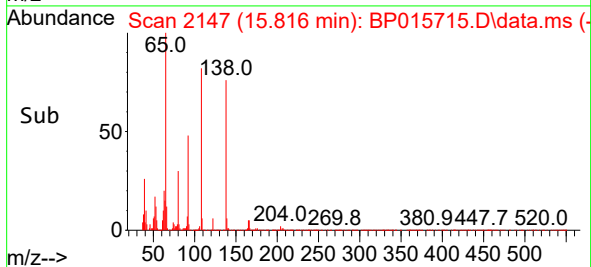
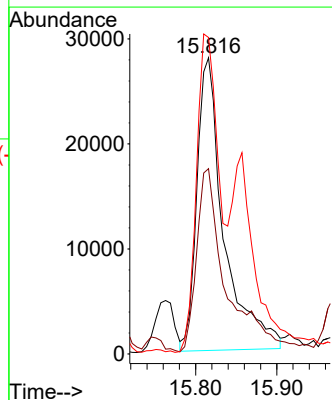
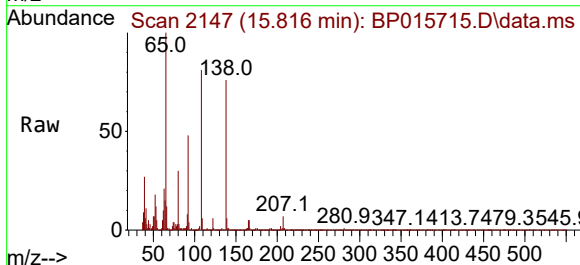
Instrument :
BNA_P
ClientSampleId :
SSTD020634

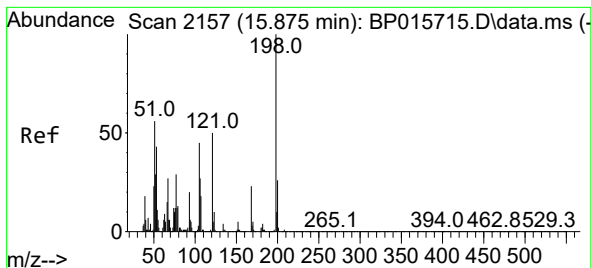
Tgt Ion:204 Resp: 304766
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 64.8 51.8 77.8



#63
4-Nitroaniline
Concen: 20.100 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:138 Resp: 64384
Ion Ratio Lower Upper
138 100
92 62.6 50.1 75.1
108 106.9 85.5 128.3

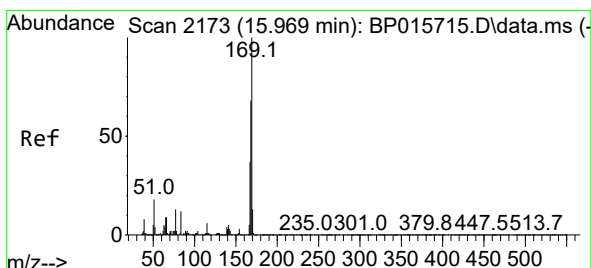
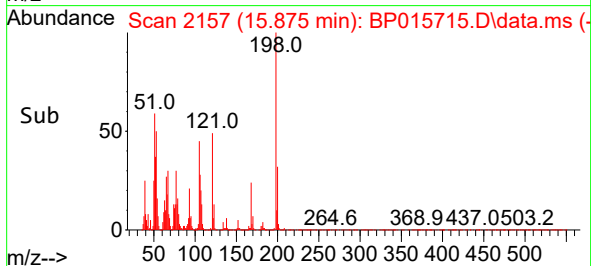
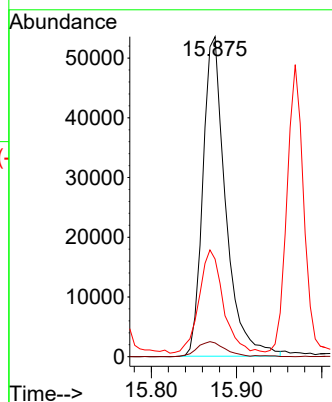
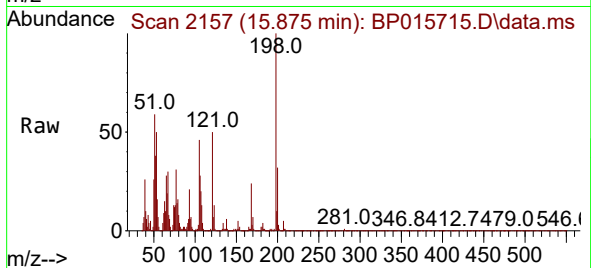




#66
4,6-Dinitro-2-methylphenol
Concen: 20.955 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

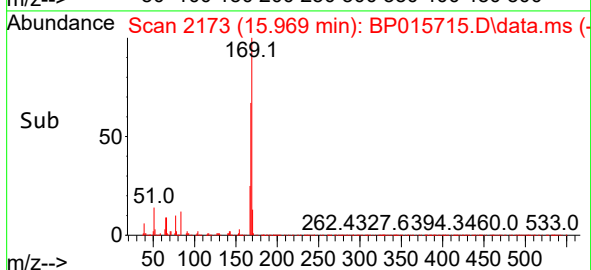
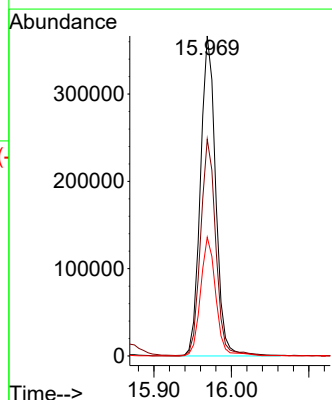
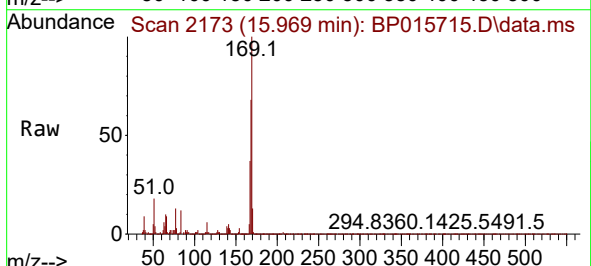
Instrument :
BNA_P
ClientSampleId :
SSTD020634

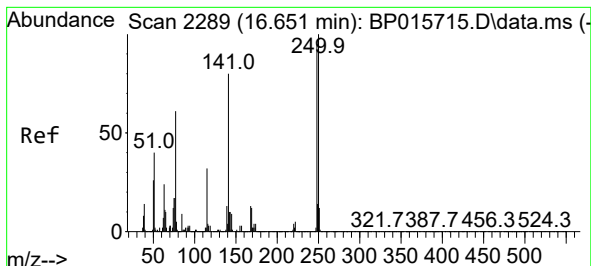
Tgt Ion:198 Resp: 99462
Ion Ratio Lower Upper
198 100
182 4.3 3.4 5.2
77 30.5 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 21.954 ng/ul
RT: 15.969 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:169 Resp: 501344
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.4
167 37.1 29.7 44.5

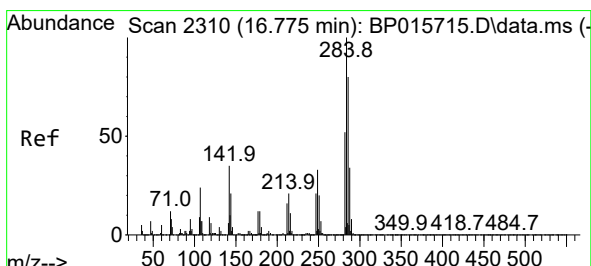
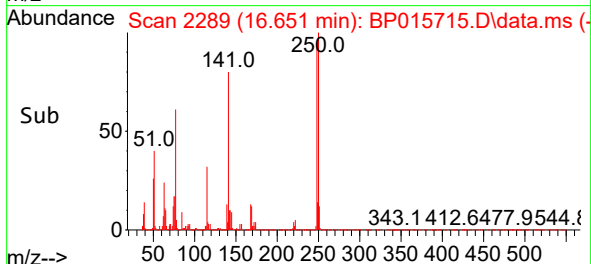
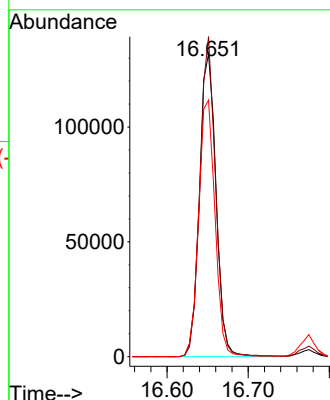
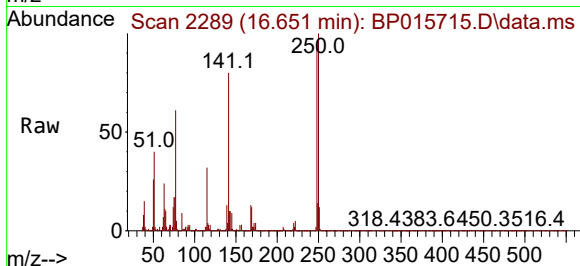




#68
4-Bromophenyl-phenylether
Concen: 21.465 ng/ul
RT: 16.651 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

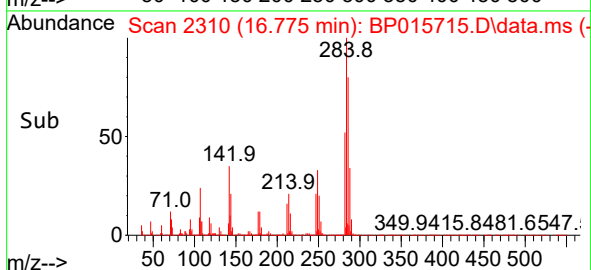
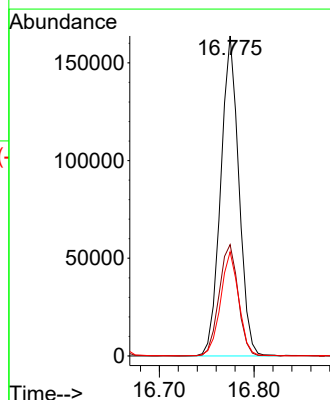
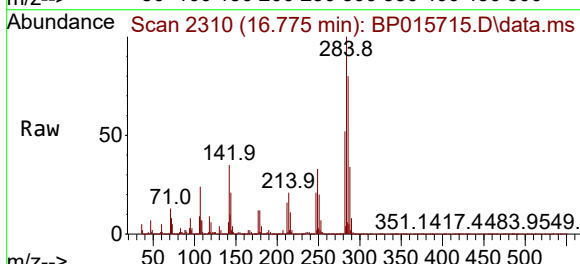
Instrument :
BNA_P
ClientSampleId :
SSTD020634

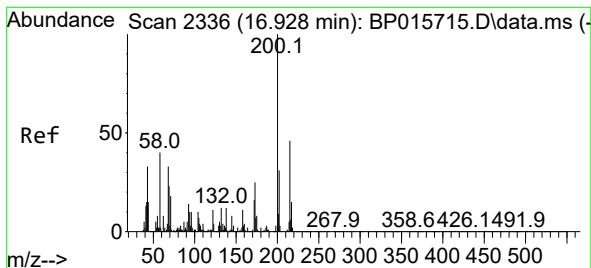
Tgt Ion:248 Resp: 186975
Ion Ratio Lower Upper
248 100
250 105.7 84.6 126.8
141 84.7 67.8 101.6



#69
Hexachlorobenzene
Concen: 21.263 ng/ul
RT: 16.775 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:284 Resp: 218539
Ion Ratio Lower Upper
284 100
142 34.8 27.8 41.8
249 32.6 26.1 39.1





#70

Atrazine

Concen: 21.601 ng/ul

RT: 16.928 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

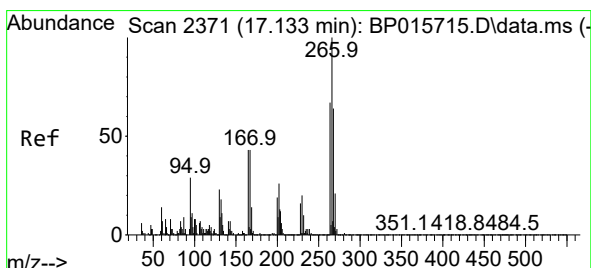
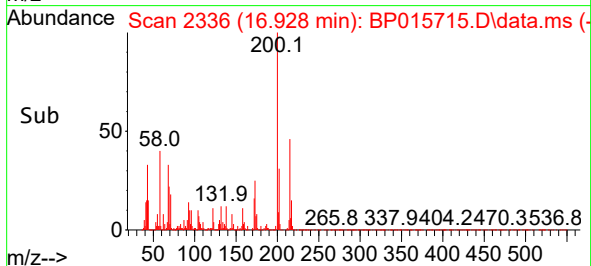
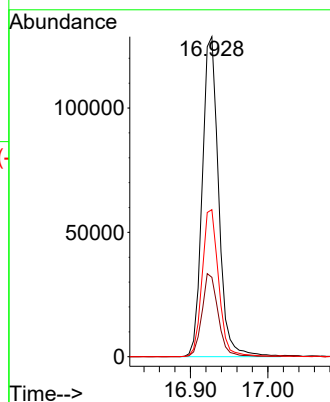
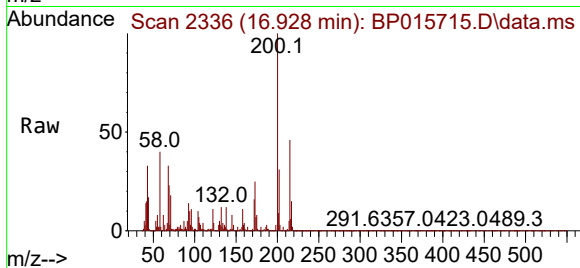
Tgt Ion:200 Resp: 188820

Ion Ratio Lower Upper

200 100

173 24.8 19.8 29.8

215 46.0 36.8 55.2



#71

Pentachlorophenol

Concen: 18.972 ng/ul

RT: 17.133 min Scan# 2371

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

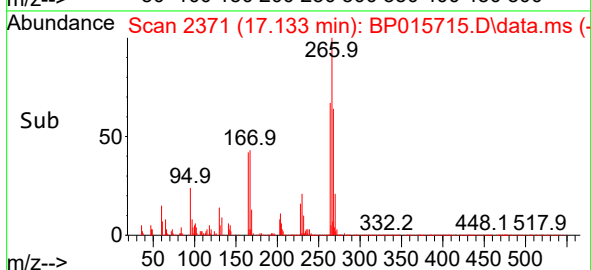
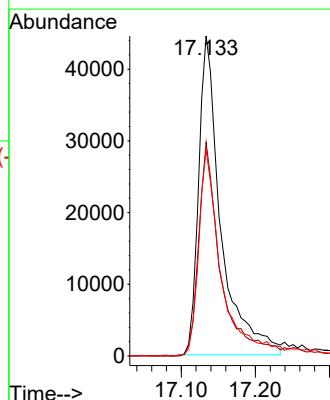
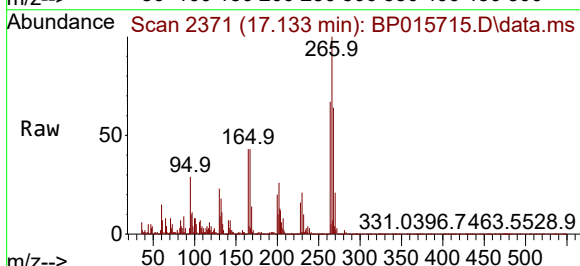
Tgt Ion:266 Resp: 92942

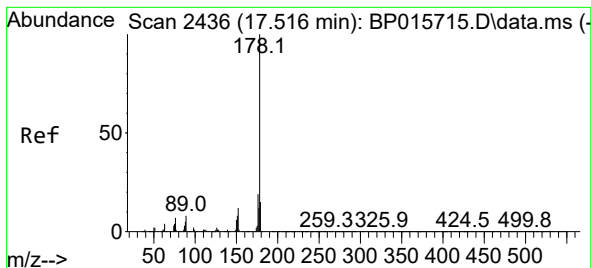
Ion Ratio Lower Upper

266 100

264 66.8 53.4 80.2

268 64.3 51.4 77.2





#72

Phenanthrene

Concen: 21.251 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

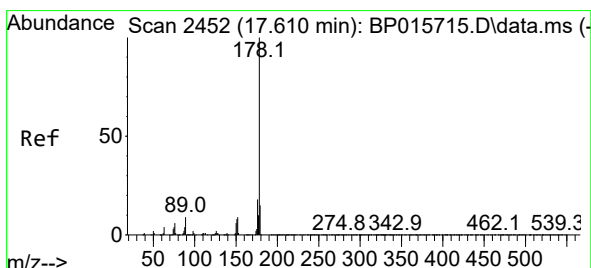
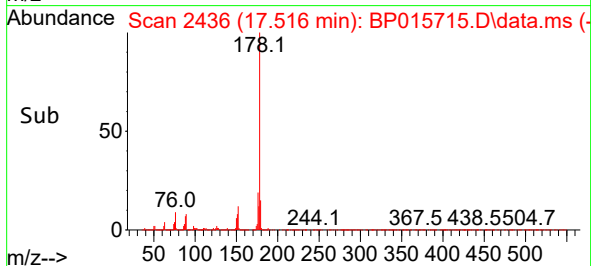
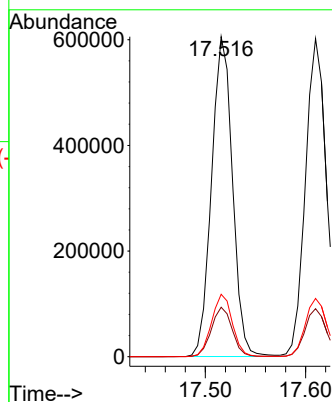
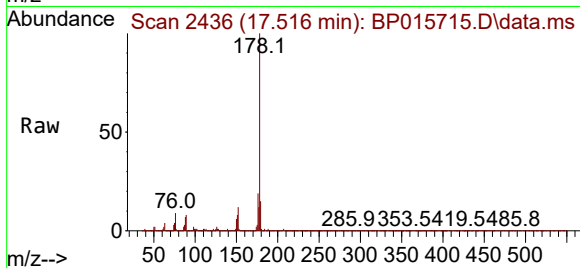
Tgt Ion:178 Resp: 880649

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.5 15.6 23.4



#74

Anthracene

Concen: 21.441 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

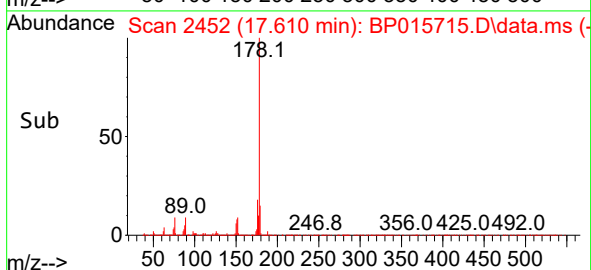
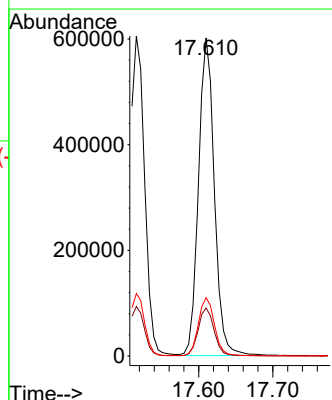
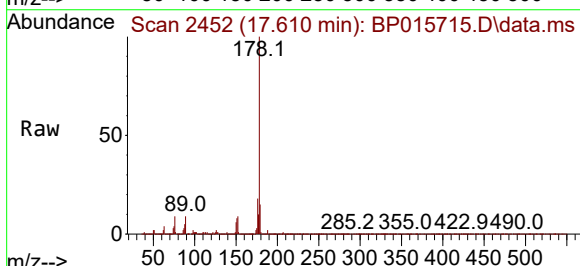
Tgt Ion:178 Resp: 892813

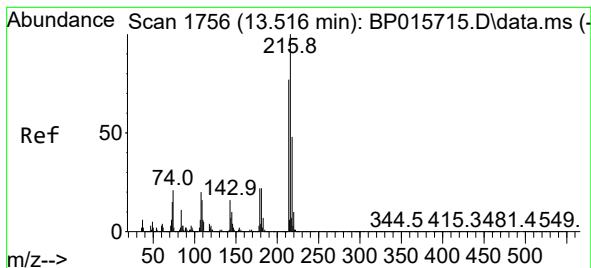
Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

176 18.3 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.476 ng/uL

RT: 13.516 min Scan# 1756

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

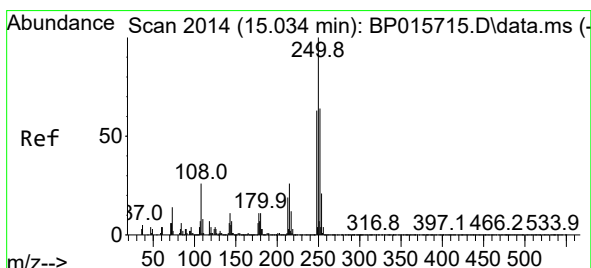
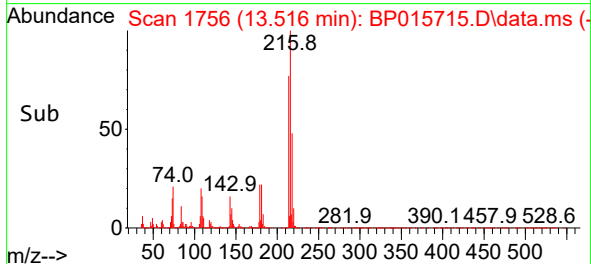
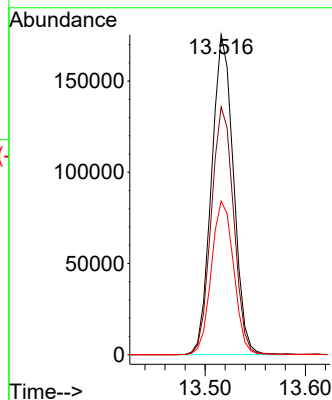
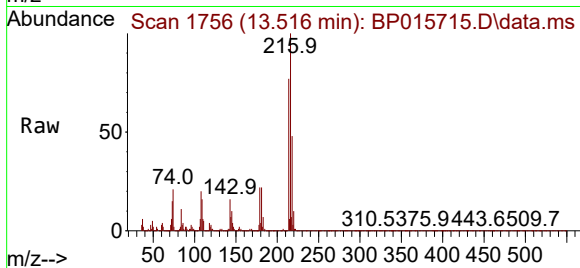
Tgt Ion:216 Resp: 266570

Ion Ratio Lower Upper

216 100

214 77.5 62.0 93.0

218 48.0 38.4 57.6



#76

Pentachlorobenzene

Concen: 21.613 ng/uL

RT: 15.034 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

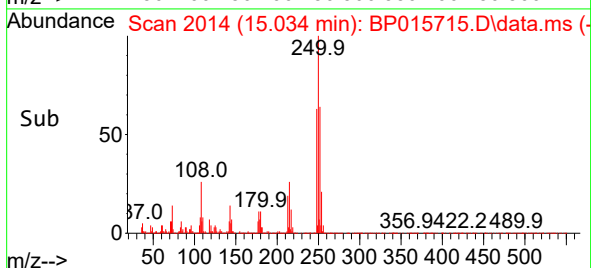
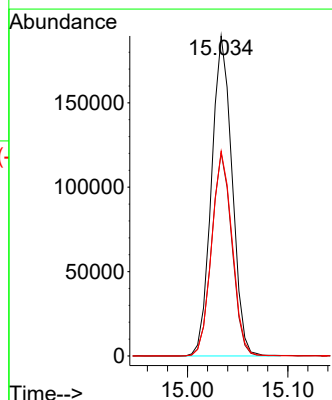
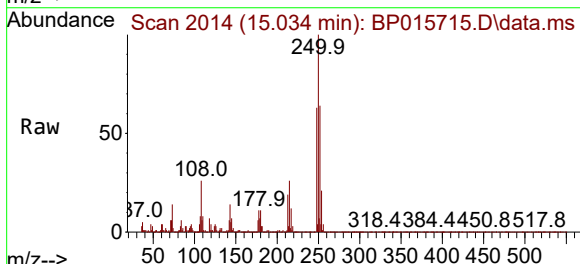
Tgt Ion:250 Resp: 270748

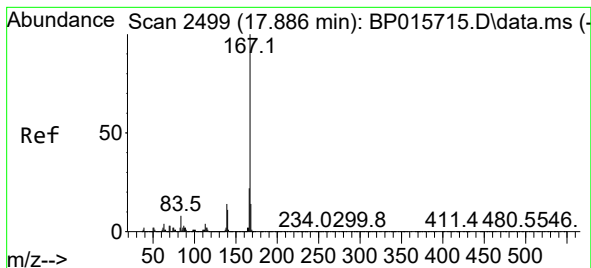
Ion Ratio Lower Upper

250 100

248 63.4 50.7 76.1

252 64.0 51.2 76.8





#77

Carbazole

Concen: 21.476 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

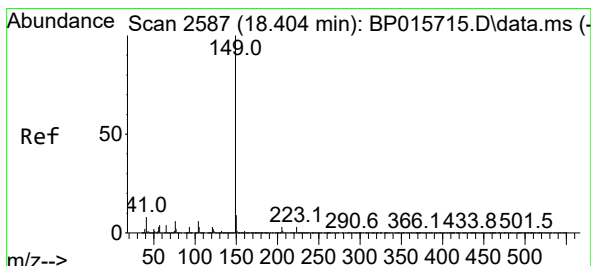
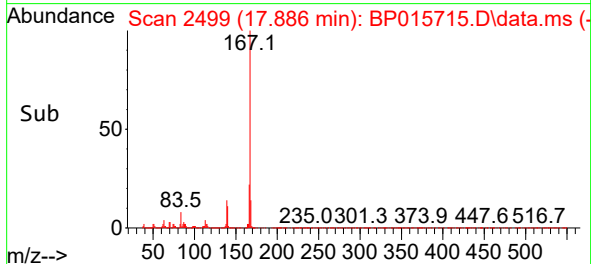
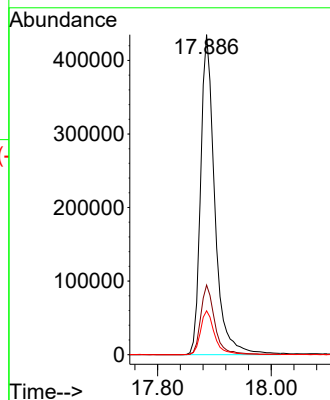
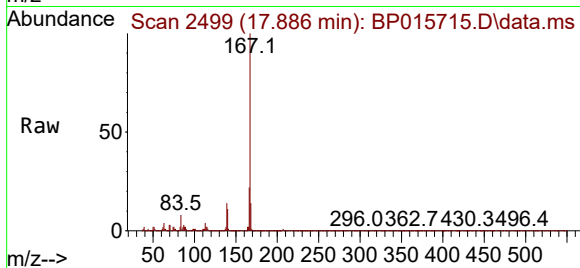
Tgt Ion:167 Resp: 753718

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 13.7 11.0 16.4



#78

Di-n-butylphthalate

Concen: 21.410 ng/ul

RT: 18.404 min Scan# 2587

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

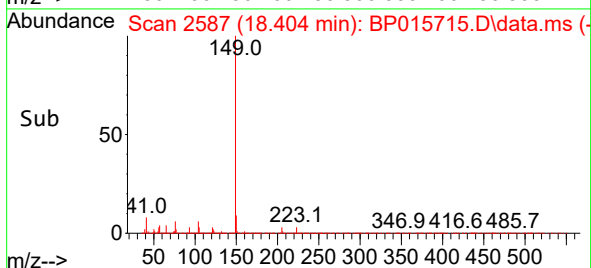
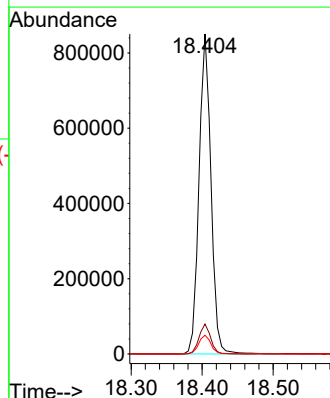
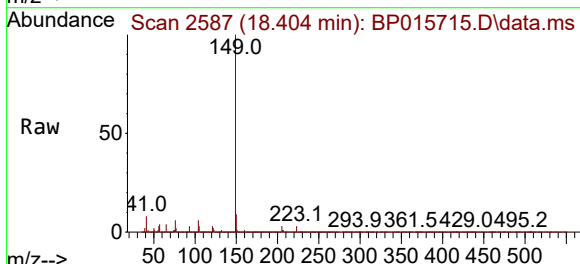
Tgt Ion:149 Resp: 996146

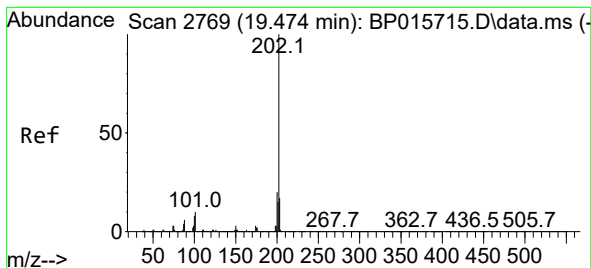
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.8 4.6 7.0





#80

Fluoranthene

Concen: 22.797 ng/ul

RT: 19.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

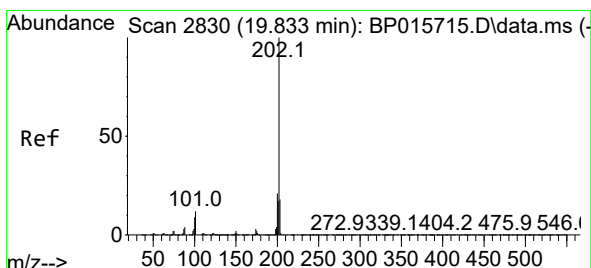
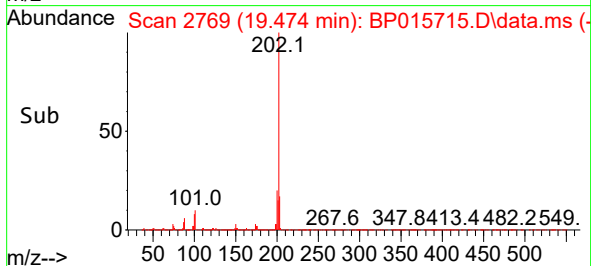
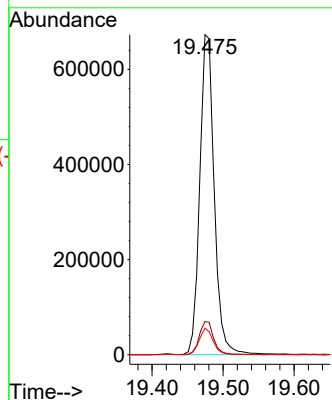
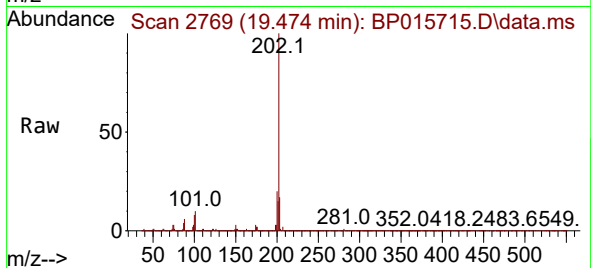
Tgt Ion:202 Resp: 957024

Ion Ratio Lower Upper

202 100

101 10.4 8.3 12.5

100 8.2 6.6 9.8



#82

Pyrene

Concen: 22.471 ng/ul

RT: 19.833 min Scan# 2830

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

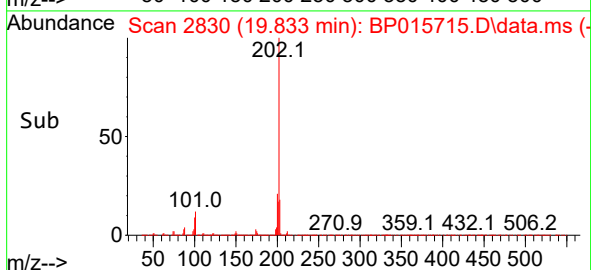
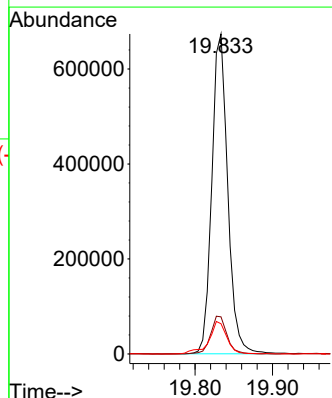
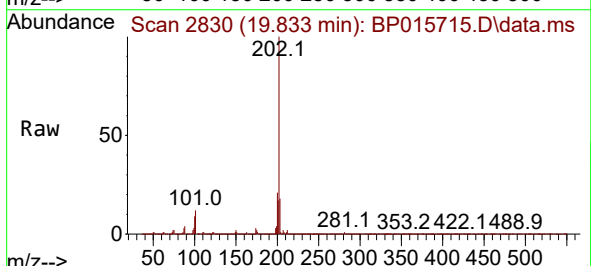
Tgt Ion:202 Resp: 962258

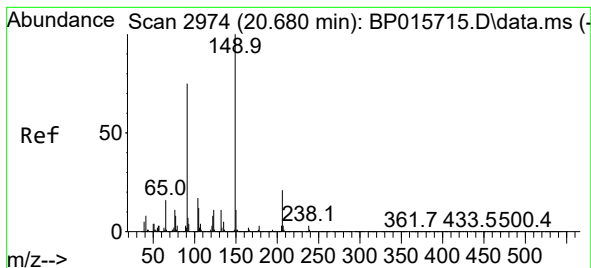
Ion Ratio Lower Upper

202 100

101 11.6 9.3 13.9

100 9.5 7.6 11.4





#83

Butylbenzylphthalate

Concen: 21.646 ng/ul

RT: 20.680 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

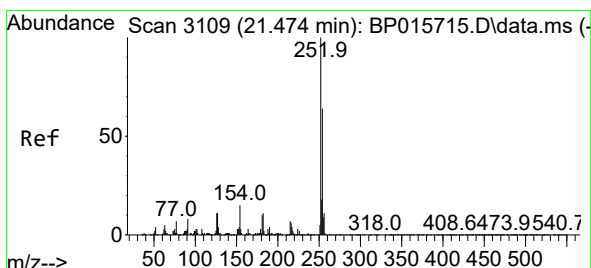
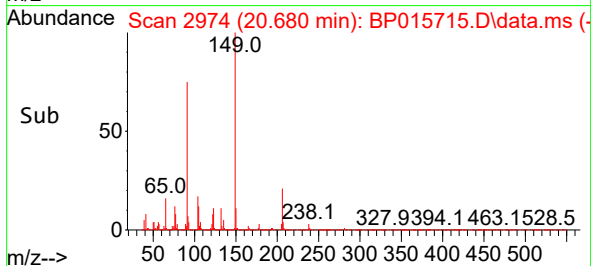
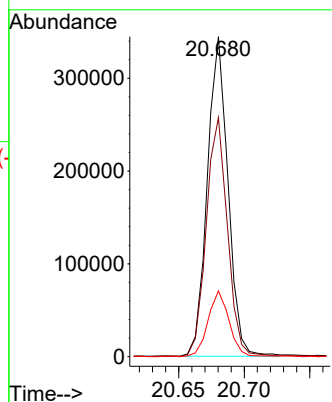
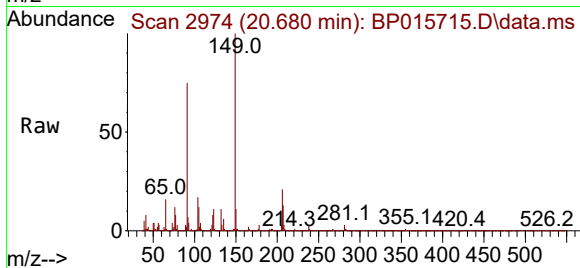
Tgt Ion:149 Resp: 378173

Ion Ratio Lower Upper

149 100

91 74.7 59.8 89.6

206 20.5 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 21.076 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

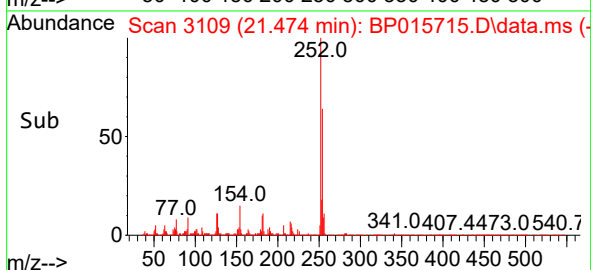
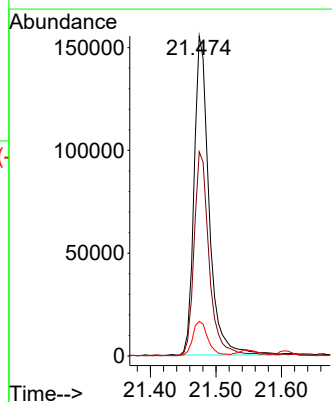
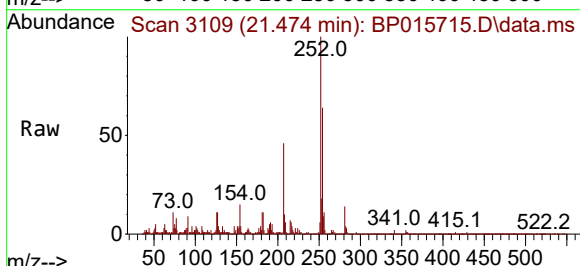
Tgt Ion:252 Resp: 246463

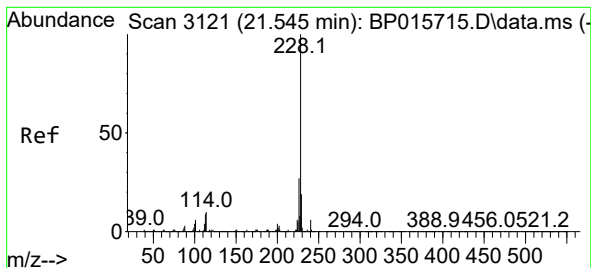
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.6

126 10.8 8.6 13.0





#85

Benzo(a)anthracene

Concen: 21.575 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

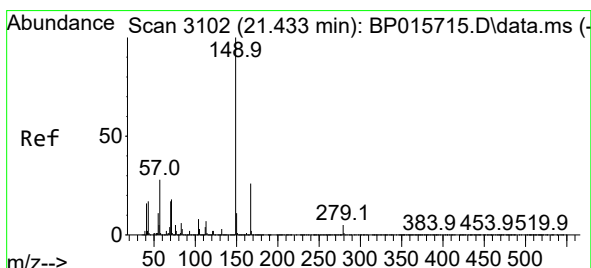
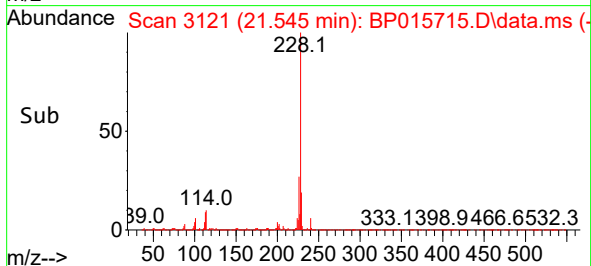
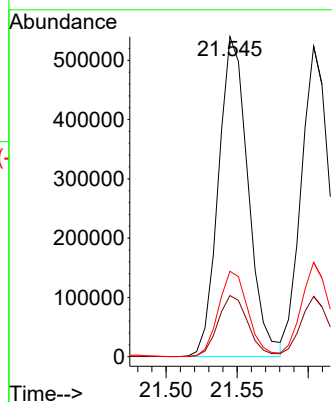
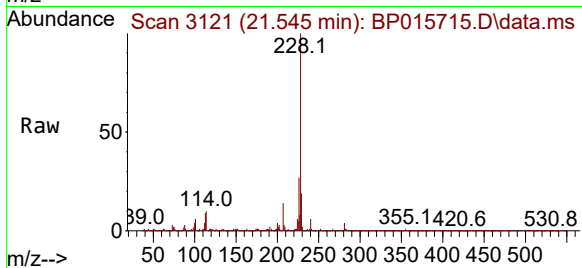
Tgt Ion:228 Resp: 785089

Ion Ratio Lower Upper

228 100

229 19.1 15.3 22.9

226 26.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.885 ng/ul

RT: 21.433 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

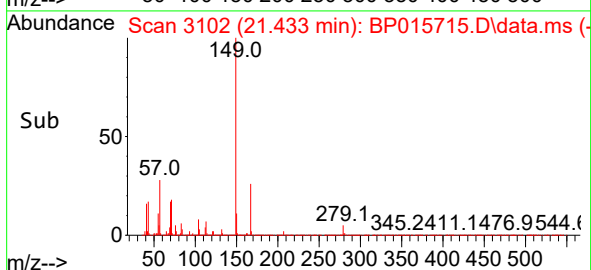
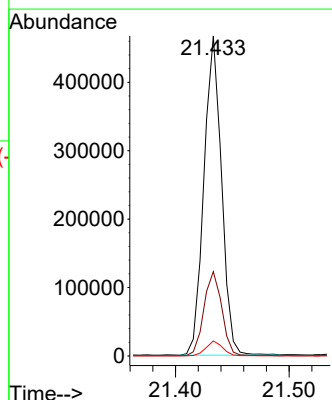
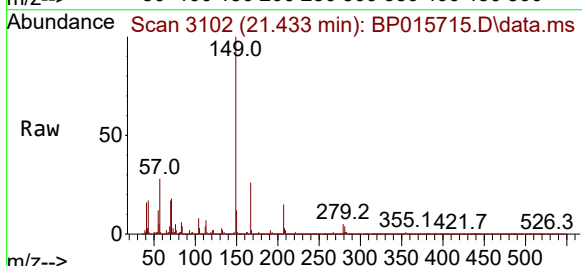
Tgt Ion:149 Resp: 501439

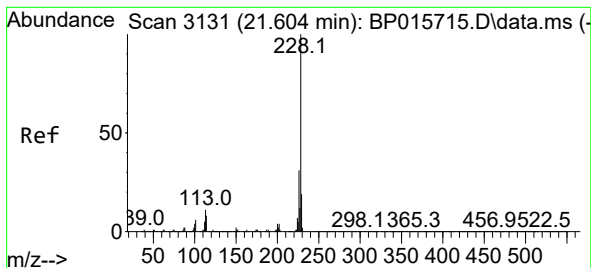
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

279 4.7 3.8 5.6





#87

Chrysene

Concen: 21.508 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

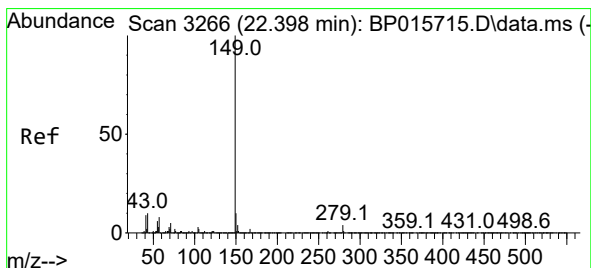
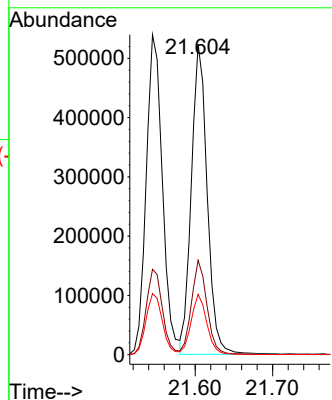
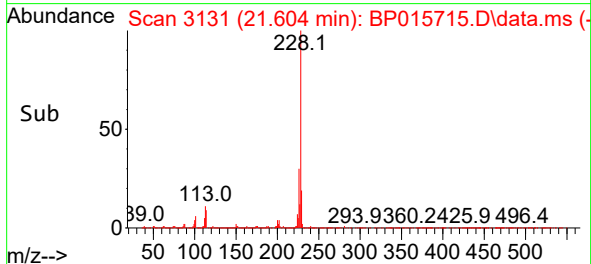
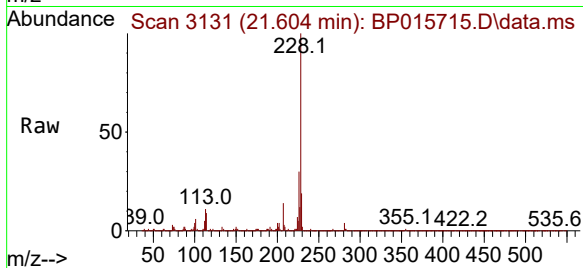
Tgt Ion:228 Resp: 742558

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 20.902 ng/ul

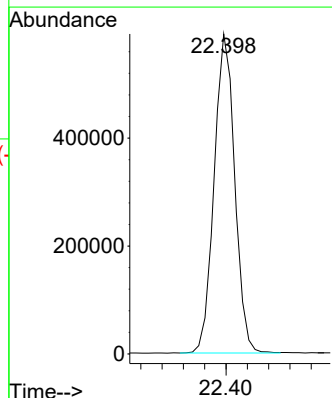
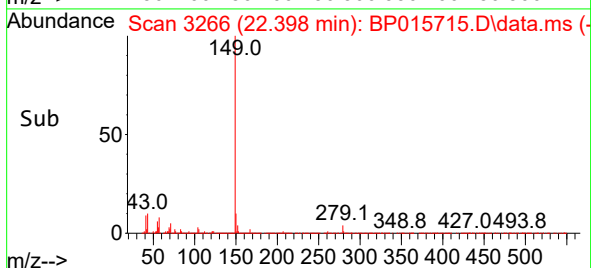
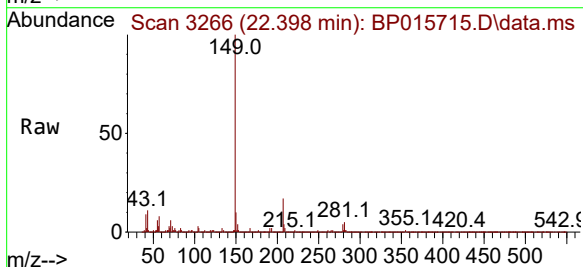
RT: 22.398 min Scan# 3266

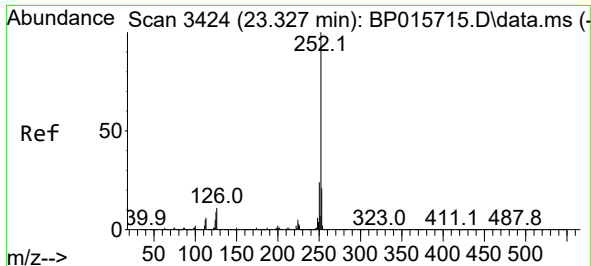
Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Tgt Ion:149 Resp: 790744

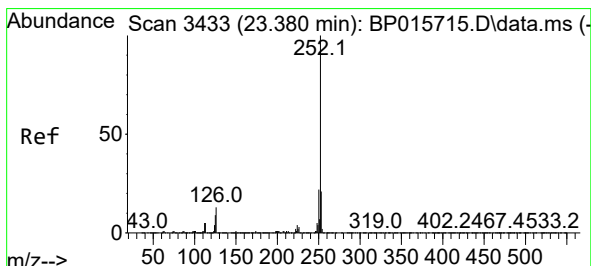
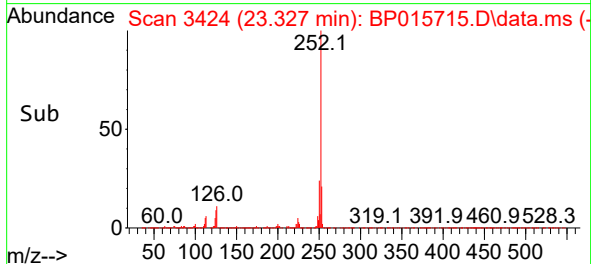
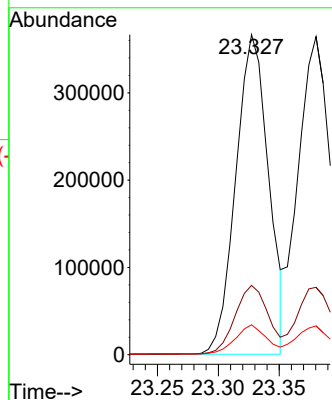
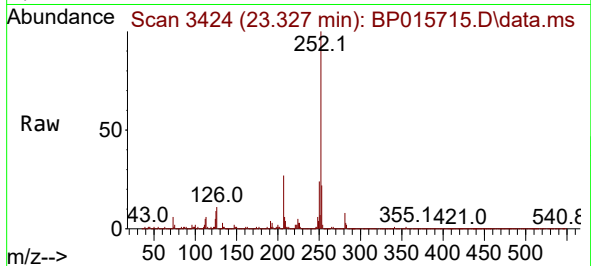




#90
Benzo(b)fluoranthene
Concen: 20.563 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

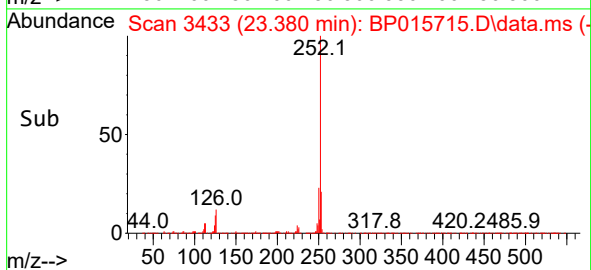
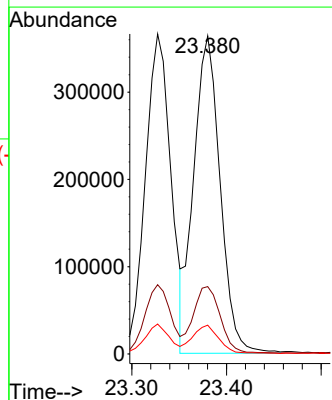
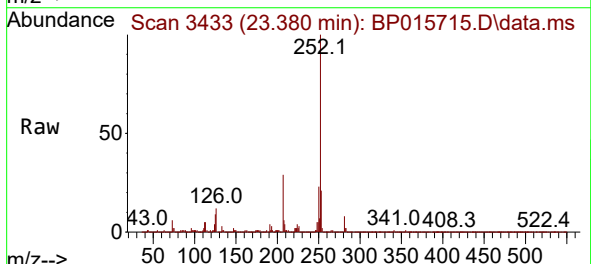
Instrument :
BNA_P
ClientSampleId :
SSTD020634

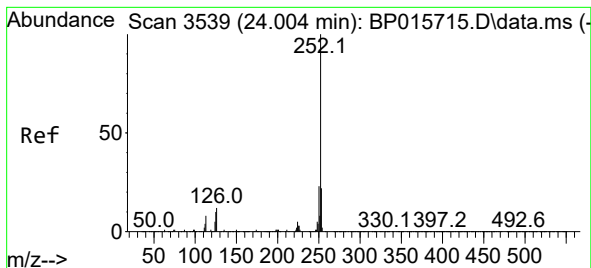
Tgt Ion:252 Resp: 683948
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.4 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 20.978 ng/ul
RT: 23.380 min Scan# 3433
Delta R.T. 0.000 min
Lab File: BP015715.D
Acq: 26 Jun 2023 15:37

Tgt Ion:252 Resp: 704978
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 9.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 20.702 ng/ul

RT: 24.004 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

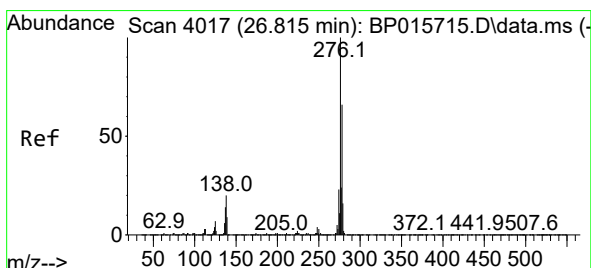
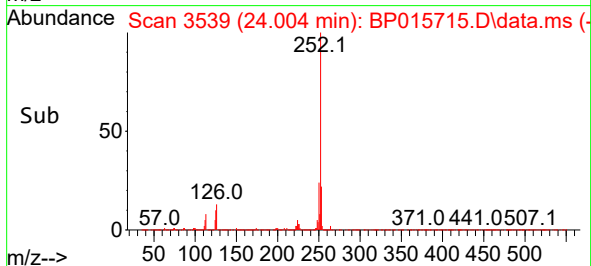
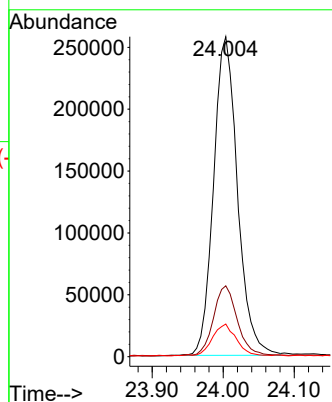
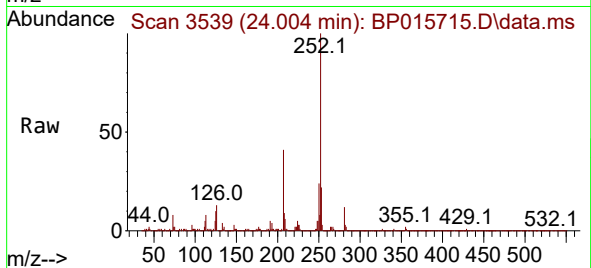
Tgt Ion:252 Resp: 601674

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.786 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

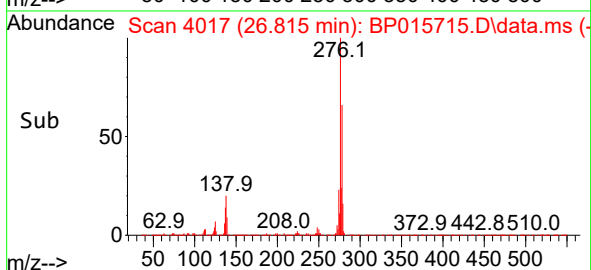
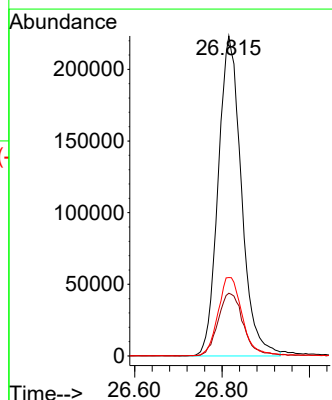
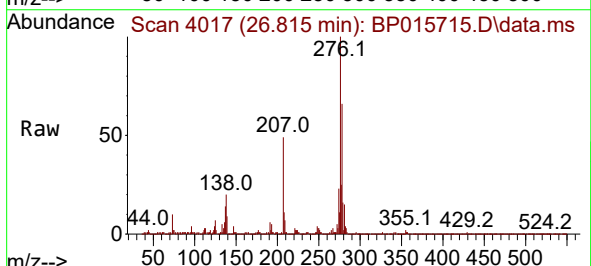
Tgt Ion:276 Resp: 820102

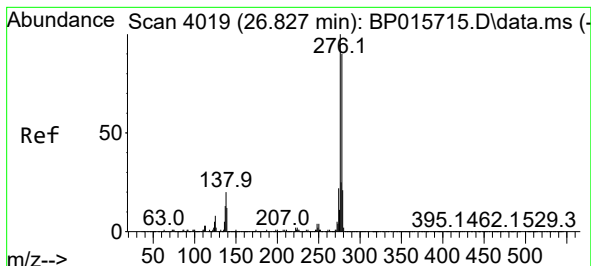
Ion Ratio Lower Upper

276 100

138 19.6 15.7 23.5

277 24.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 20.906 ng/ul

RT: 26.827 min Scan# 4019

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD020634

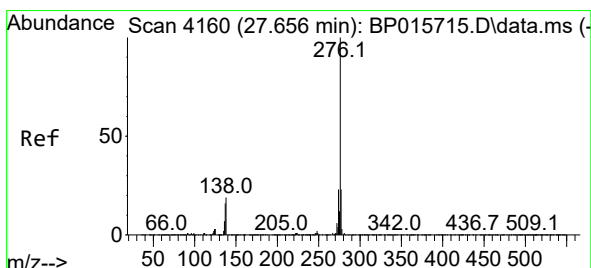
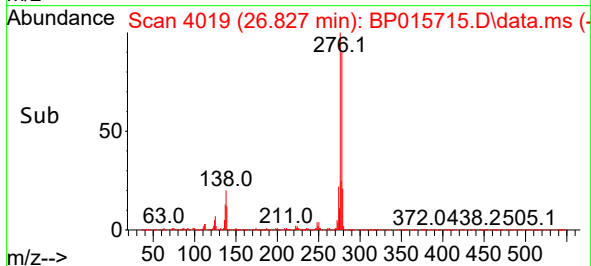
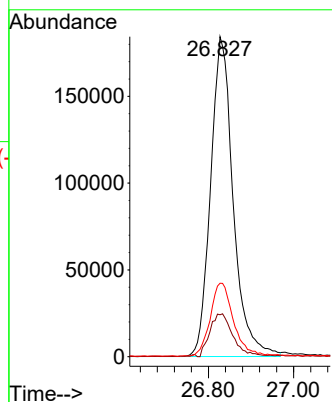
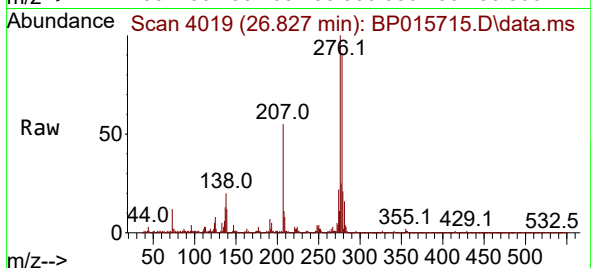
Tgt Ion:278 Resp: 677500

Ion Ratio Lower Upper

278 100

139 13.1 10.5 15.7

279 23.0 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 20.687 ng/ul

RT: 27.656 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP015715.D

Acq: 26 Jun 2023 15:37

Tgt Ion:276 Resp: 668512

Ion Ratio Lower Upper

276 100

138 18.9 15.1 22.7

277 23.5 18.8 28.2

