

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015835.D
 Acq On : 30 Jun 2023 10:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:31:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	253043	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1126662	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	690237	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1471369	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	1091326	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	1106967	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	54037	7.683	ng/uL	0.00
4) Pyridine-d5	3.822	84	384066	21.663	ng/u1	0.00
7) Phenol-d5	7.222	99	492456	22.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	315540	23.557	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	365155	22.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	383025	22.394	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	183526	21.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	203712	20.271	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	372257	20.787	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	532261	23.137	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1103207	20.679	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1294353	21.582	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	133057	18.899	ng/u1	0.00
60) Fluorene-d10	15.698	176	942811	21.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	151405	16.732	ng/u1	0.00
73) Anthracene-d10	17.563	188	1464362	21.788	ng/u1	0.00
81) Pyrene-d10	19.792	212	1517359	21.293	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1179550	21.124	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	60338	7.972	ng/uL	97
5) Pyridine	3.840	79	408246	22.011	ng/u1	96
6) Benzaldehyde	7.199	77	204601	23.374	ng/u1	96
8) Phenol	7.252	94	517896	23.051	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.469	93	421913	23.602	ng/u1	100
12) 2-Chlorophenol	7.616	128	389641	22.440	ng/u1	99
13) 2-Methylphenol	8.510	108	389186	22.943	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.587	45	626015	25.640	ng/u1	98
16) Acetophenone	8.893	105	632583	22.499	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	345265	22.110	ng/u1	98
18) 4-Methylphenol	8.852	108	428355	23.502	ng/u1	98
19) Hexachloroethane	9.128	117	165978	20.697	ng/u1	91
22) Nitrobenzene	9.281	77	512072	21.178	ng/u1	95
23) Isophorone	9.804	82	983660	21.258	ng/u1	98
25) 2-Nitrophenol	9.999	139	224076	21.010	ng/u1#	90
26) 2,4-Dimethylphenol	10.057	107	476447	20.322	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	589386	22.564	ng/u1	98
29) 2,4-Dichlorophenol	10.546	162	379450	21.313	ng/u1	98
30) Naphthalene	10.928	128	1322162	21.587	ng/u1	99
32) 4-Chloroaniline	11.063	127	555093	23.225	ng/u1	98
33) Hexachlorobutadiene	11.193	225	230663	17.156	ng/u1	100
34) Caprolactam	11.857	113	126485	23.226	ng/u1	95
35) 4-Chloro-3-methylphenol	12.187	107	446123	21.407	ng/u1	99
36) 2-Methylnaphthalene	12.534	142	874193	21.682	ng/u1	98

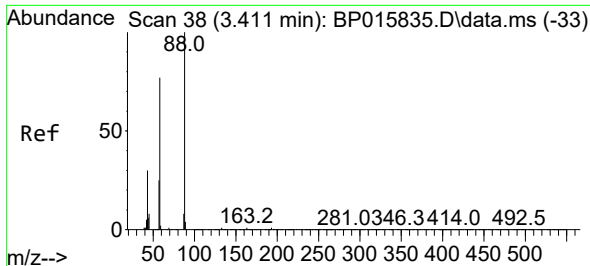
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	877329	21.330	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	448626	19.724	ng/ul	100
40) Hexachlorocyclopentadiene	12.863	237	112796	16.576	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	293292	20.403	ng/ul	95
42) 2,4,5-Trichlorophenol	13.240	196	312610	20.503	ng/ul	97
43) 1,1'-Biphenyl	13.534	154	1171465	21.428	ng/ul#	97
44) 2-Chloronaphthalene	13.587	162	919863	21.358	ng/ul	97
45) 2-Nitroaniline	13.810	65	299627	22.110	ng/ul	93
47) Dimethylphthalate	14.157	163	1151070	20.848	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	238314	21.279	ng/ul	95
50) Acenaphthylene	14.428	152	1455797	22.030	ng/ul	99
51) 3-Nitroaniline	14.645	138	204337	23.266	ng/ul	95
52) Acenaphthene	14.769	153	996210	21.740	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	122068	20.544	ng/ul#	83
55) 4-Nitrophenol	14.969	109	140440	19.250	ng/ul#	76
56) Dibenzofuran	15.104	168	1375225	21.619	ng/ul	95
57) 2,4-Dinitrotoluene	15.104	165	337534	22.116	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	264659	20.209	ng/ul	96
59) Diethylphthalate	15.516	149	1188313	21.268	ng/ul	99
61) Fluorene	15.751	166	1120683	21.720	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	538423	20.394	ng/ul	96
63) 4-Nitroaniline	15.816	138	135466	22.536	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.869	198	156234	17.065	ng/ul#	98
67) N-Nitrosodiphenylamine	15.963	169	949146	21.548	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	330139	19.649	ng/ul	93
69) Hexachlorobenzene	16.763	284	380393	19.187	ng/ul	96
70) Atrazine	16.916	200	344894	20.455	ng/ul	97
71) Pentachlorophenol	17.128	266	176210	18.519	ng/ul	95
72) Phenanthrene	17.504	178	1734973	21.705	ng/ul	100
74) Anthracene	17.604	178	1776585	22.119	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	464340	19.394	ng/ul	98
76) Pentachlorobenzene	15.028	250	458938	18.993	ng/ul	99
77) Carbazole	17.880	167	1578320	23.315	ng/ul	100
78) Di-n-butylphthalate	18.392	149	2055773	22.906	ng/ul	99
80) Fluoranthene	19.469	202	1925274	21.739	ng/ul#	94
82) Pyrene	19.822	202	1960583	21.702	ng/ul#	88
83) Butylbenzylphthalate	20.669	149	904955	24.553	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.469	252	518942	21.035	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1673219	21.795	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1314580	25.953	ng/ul#	99
87) Chrysene	21.592	228	1580737	21.703	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	2173431	26.866	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	1540072	21.652	ng/ul#	98
91) Benzo(k)fluoranthene	23.363	252	1529651	21.285	ng/ul#	96
93) Benzo(a)pyrene	23.986	252	1334591	21.474	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	1708918	20.255	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.809	278	1405240	20.278	ng/ul#	94
96) Benzo(g,h,i)perylene	27.639	276	1382793	19.922	ng/ul#	94

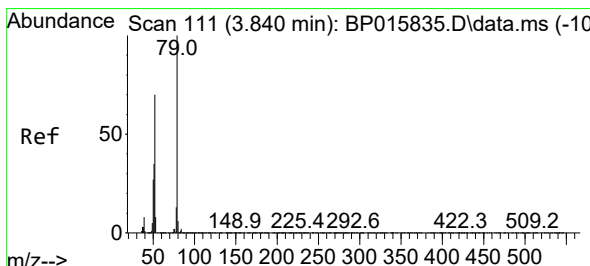
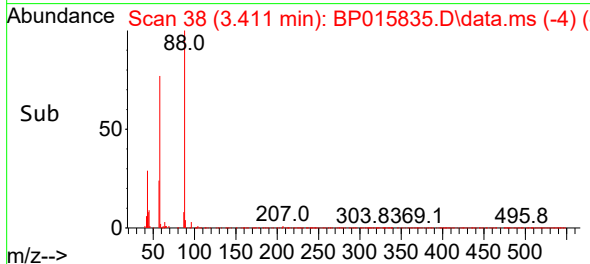
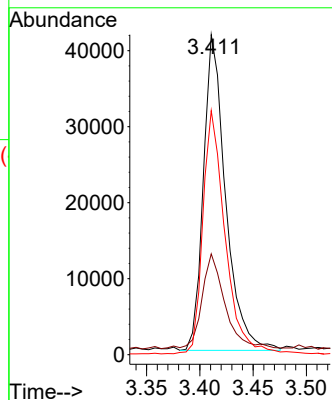
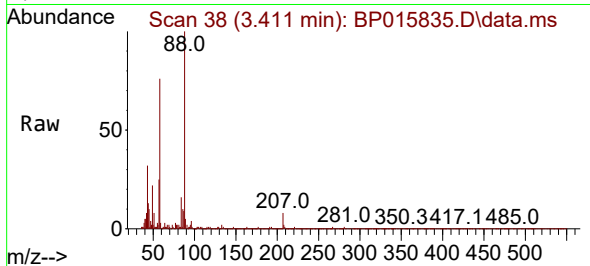
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#2
1,4-Dioxane
Concen: 7.972 ng/uL
RT: 3.411 min Scan# 38
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

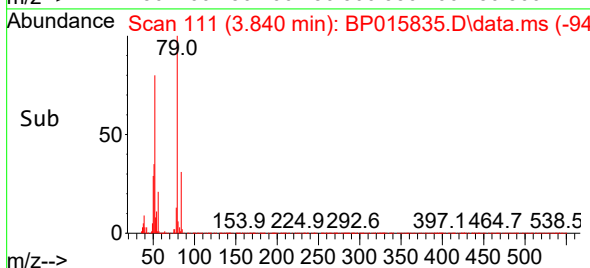
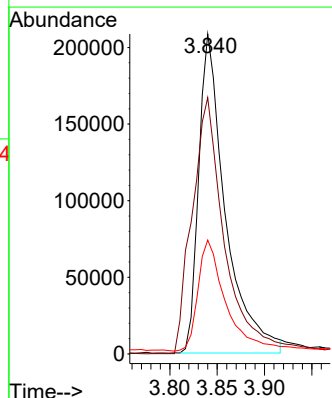
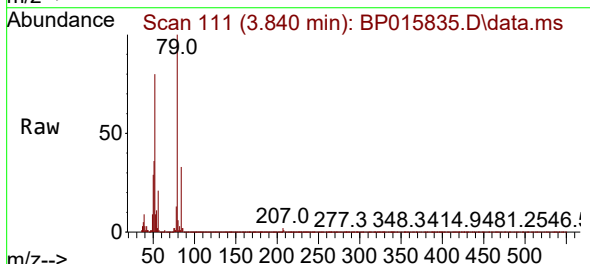
Instrument :
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ClientSampleId :

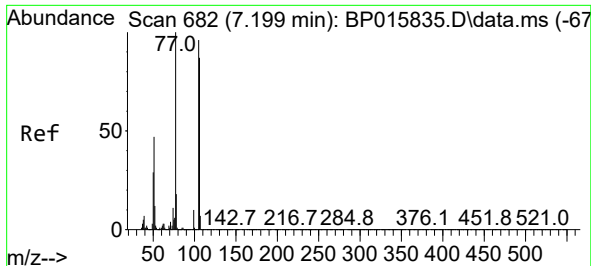
Tgt Ion: 88 Resp: 60338
Ion Ratio Lower Upper
88 100
43 31.5 27.4 41.2
58 76.3 59.8 89.8



#5
Pyridine
Concen: 22.011 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion: 79 Resp: 408246
Ion Ratio Lower Upper
79 100
52 80.1 65.5 98.3
51 35.6 31.8 47.8

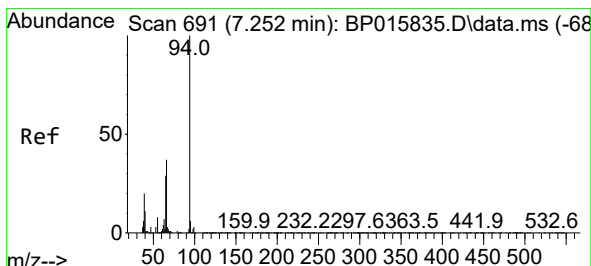
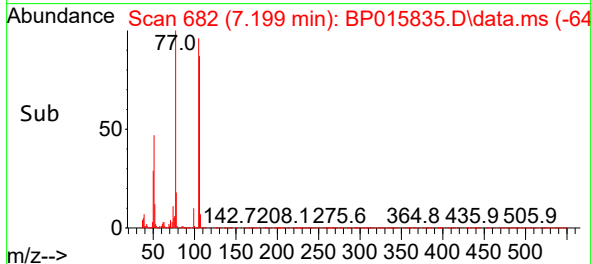
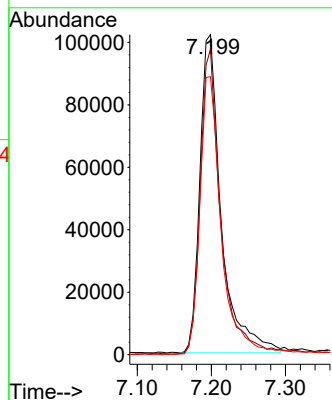
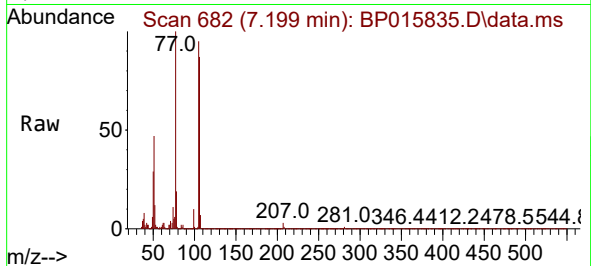




#6
Benzaldehyde
Concen: 23.374 ng/ul
RT: 7.199 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

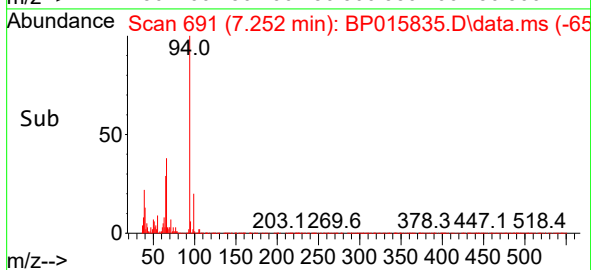
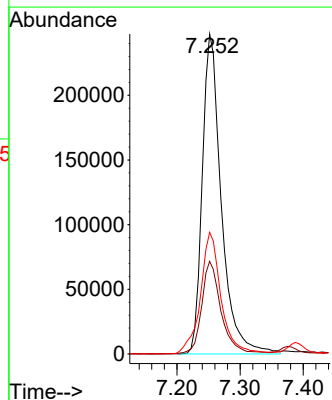
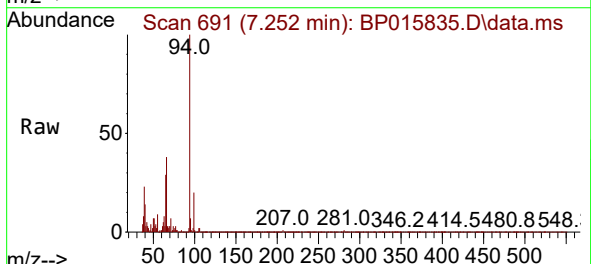
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BNA_P
ClientSampleId :

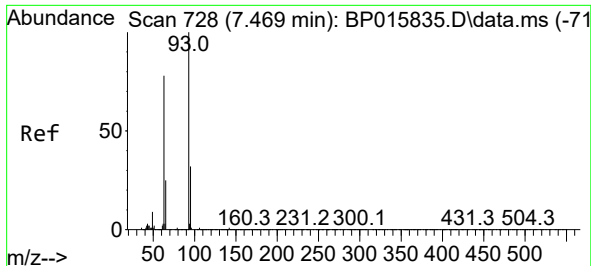
Tgt Ion: 77 Resp: 204601
Ion Ratio Lower Upper
77 100
105 95.4 73.4 110.0
106 86.9 66.6 100.0



#8
Phenol
Concen: 23.051 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion: 94 Resp: 517896
Ion Ratio Lower Upper
94 100
65 29.0 26.4 39.6
66 38.0 37.3 55.9



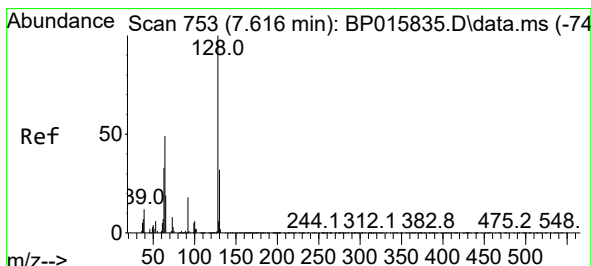
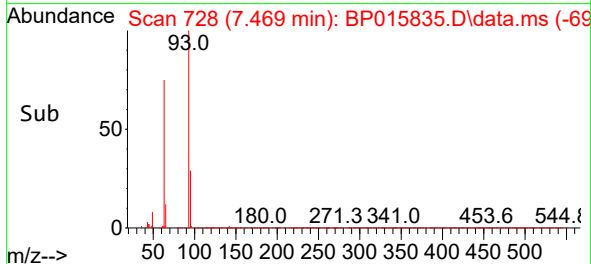
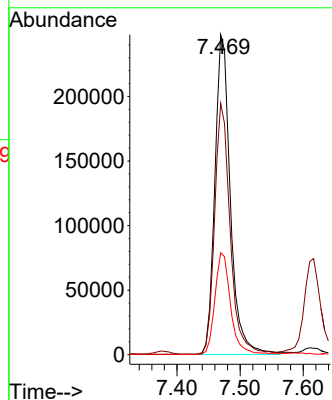
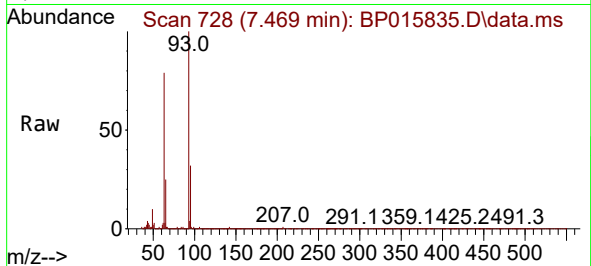


#10
 Bis(2-Chloroethyl)ether
 Concen: 23.602 ng/ul
 RT: 7.469 min Scan# 728
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 93 Resp: 421913

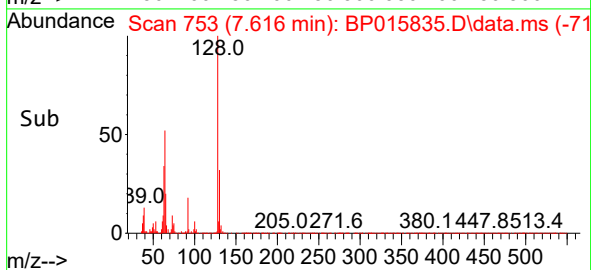
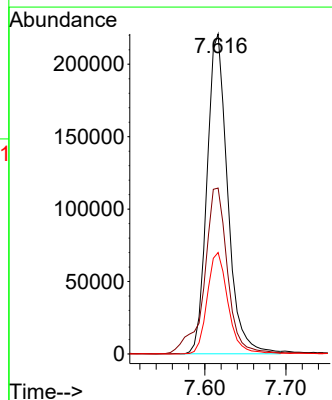
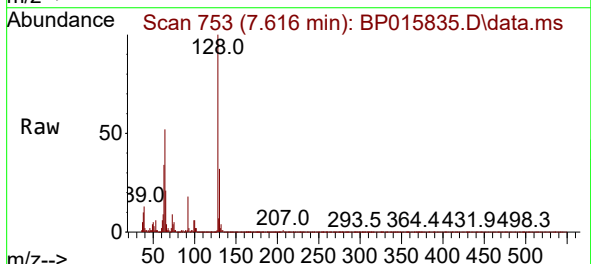
Ion	Ratio	Lower	Upper
93	100		
63	78.6	62.8	94.2
95	31.9	25.6	38.4

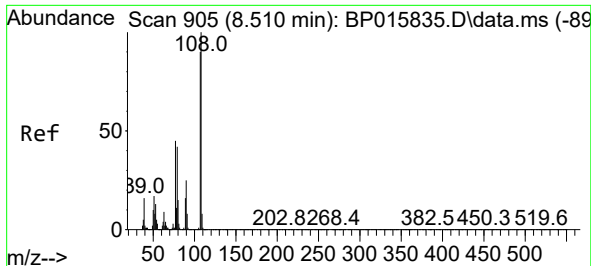


#12
 2-Chlorophenol
 Concen: 22.440 ng/ul
 RT: 7.616 min Scan# 753
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Tgt Ion:128 Resp: 389641

Ion	Ratio	Lower	Upper
128	100		
64	51.9	41.2	61.8
130	31.7	26.0	39.0





#13

2-Methylphenol

Concen: 22.943 ng/ul

RT: 8.510 min Scan# 905

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

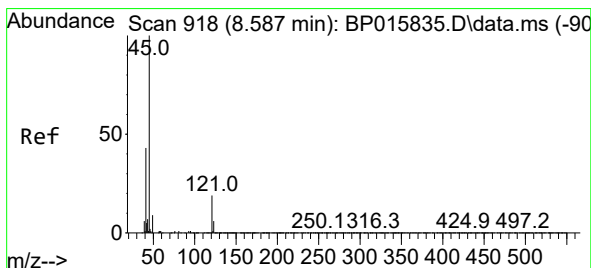
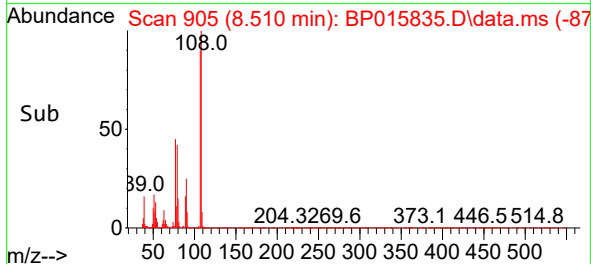
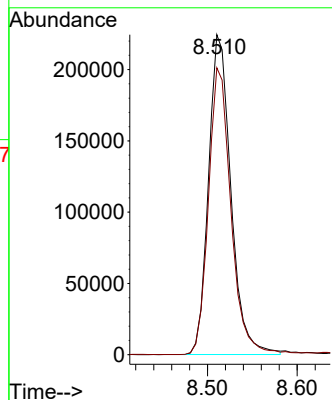
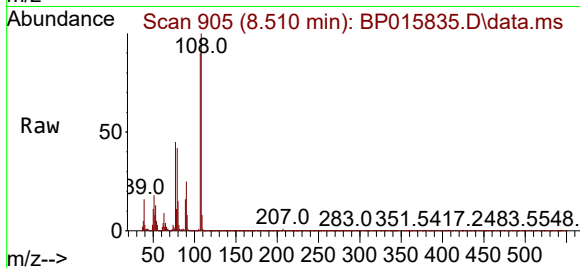
ClientSampleId :

Tgt Ion:108 Resp: 389186

Ion Ratio Lower Upper

108 100

107 89.7 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.640 ng/ul

RT: 8.587 min Scan# 918

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

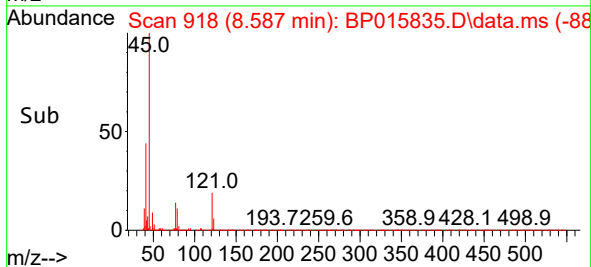
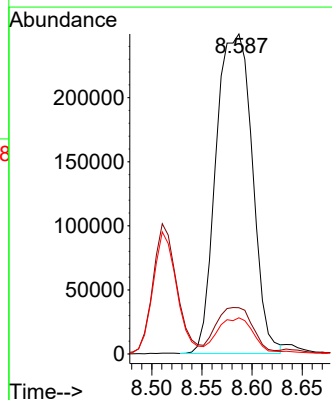
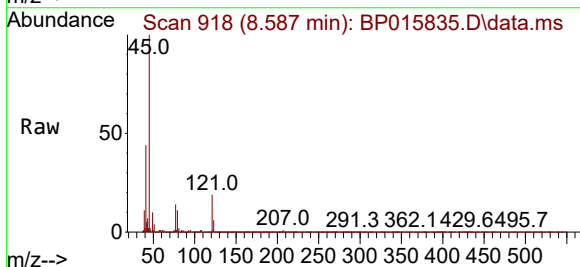
Tgt Ion: 45 Resp: 626015

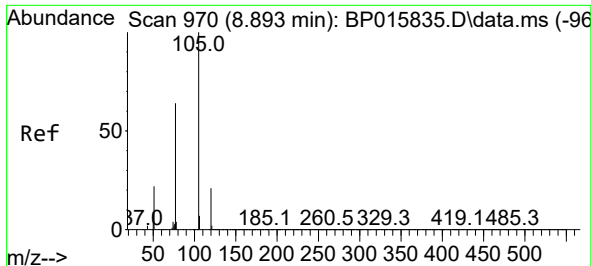
Ion Ratio Lower Upper

45 100

77 14.5 12.4 18.6

79 11.3 9.3 13.9

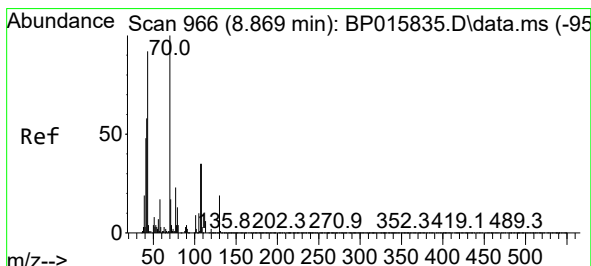
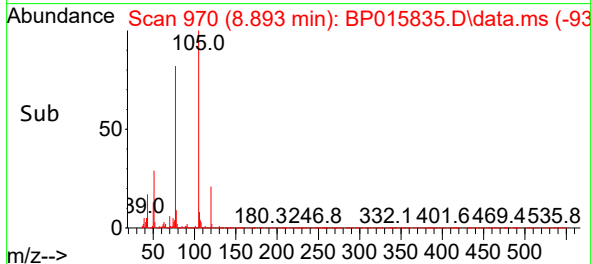
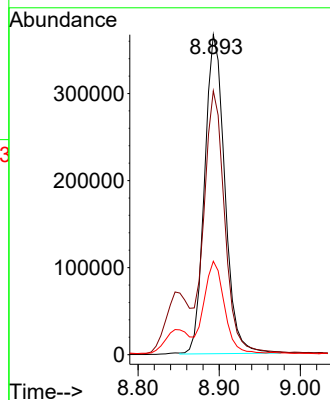
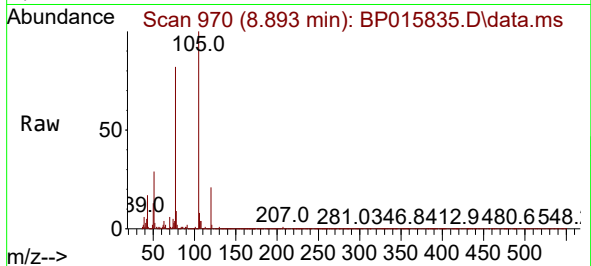




#16
Acetophenone
Concen: 22.499 ng/ul
RT: 8.893 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

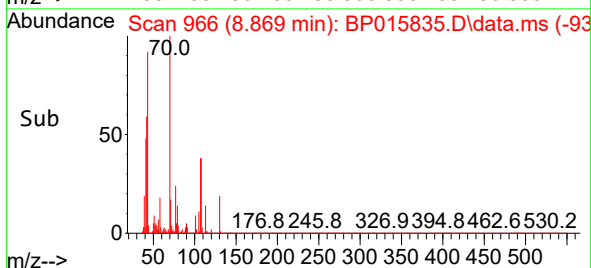
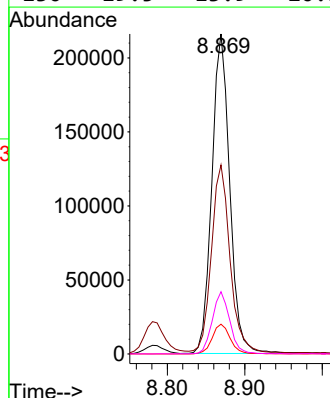
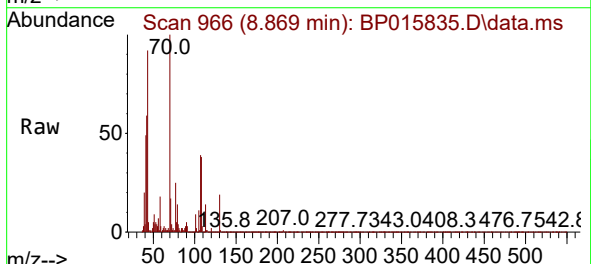
Instrument :
BNA_P
ClientSampleId :

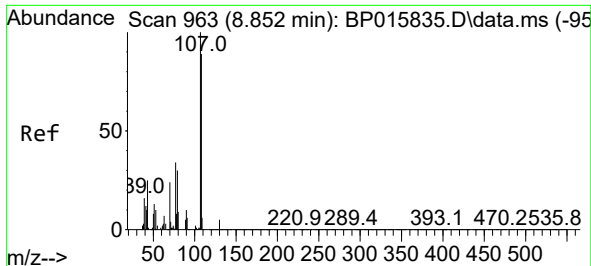
Tgt Ion:105 Resp: 632583
Ion Ratio Lower Upper
105 100
77 82.5 65.0 97.4
51 29.2 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 22.110 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion: 70 Resp: 345265
Ion Ratio Lower Upper
70 100
42 59.1 48.2 72.2
101 9.3 7.6 11.4
130 19.5 13.9 20.9

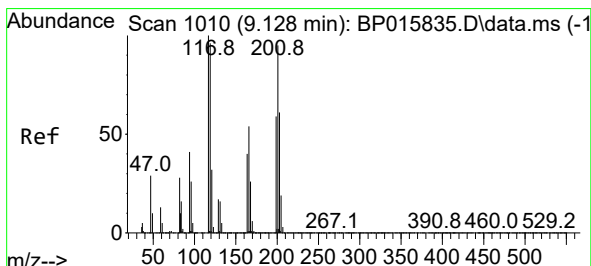
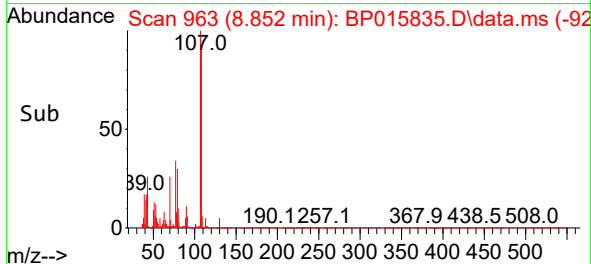
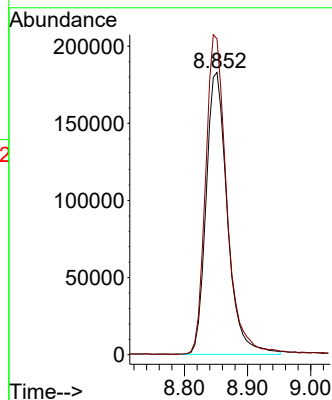
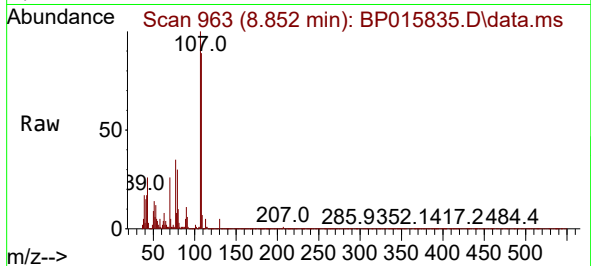




#18
4-Methylphenol
Concen: 23.502 ng/ul
RT: 8.852 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

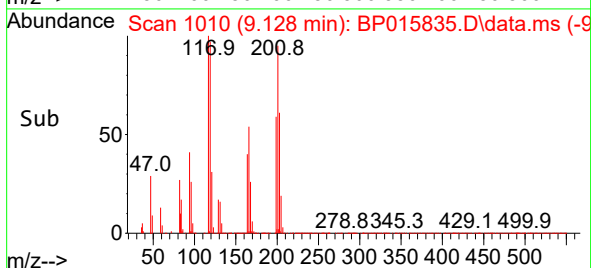
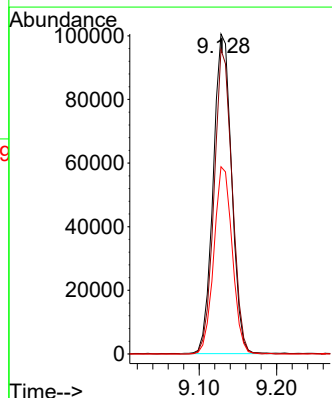
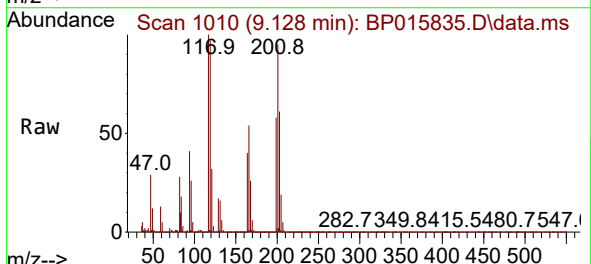
Instrument :
BNA_P
ClientSampleId :

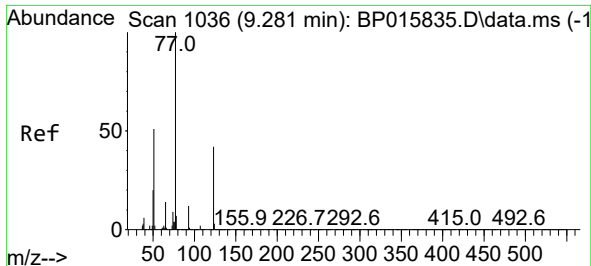
Tgt Ion:108 Resp: 428355
Ion Ratio Lower Upper
108 100
107 111.9 91.3 136.9



#19
Hexachloroethane
Concen: 20.697 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:117 Resp: 165978
Ion Ratio Lower Upper
117 100
201 95.2 84.2 126.2
199 58.5 51.8 77.8

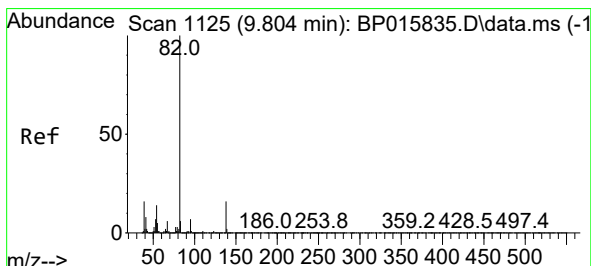
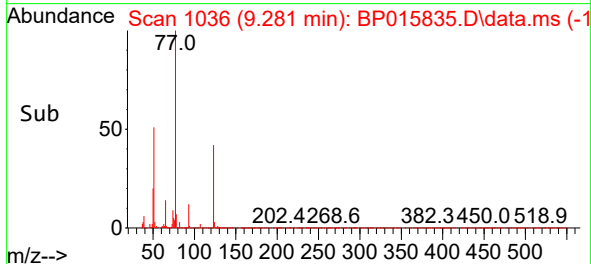
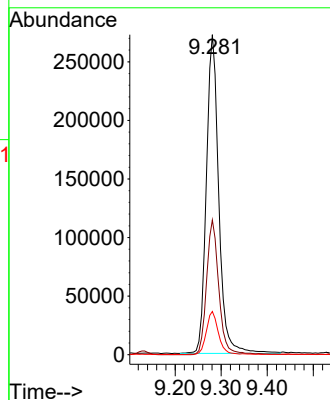
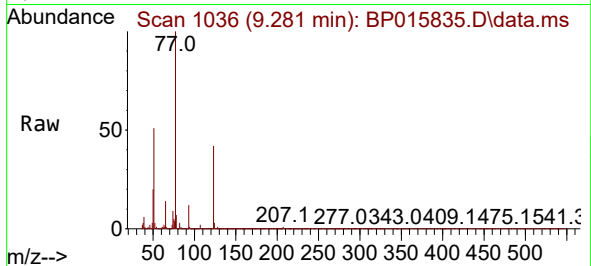




#22
Nitrobenzene
Concen: 21.178 ng/ul
RT: 9.281 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

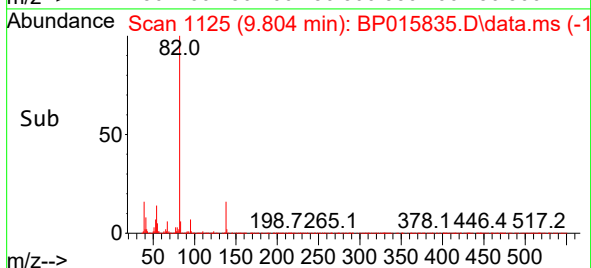
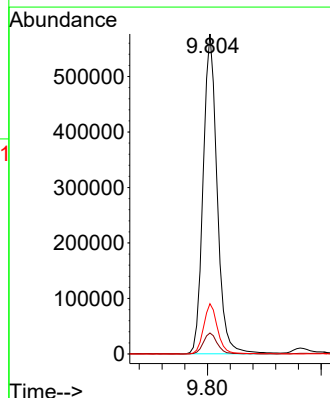
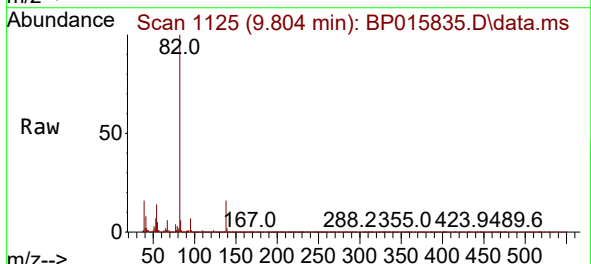
Instrument :
BNA_P
ClientSampleId :

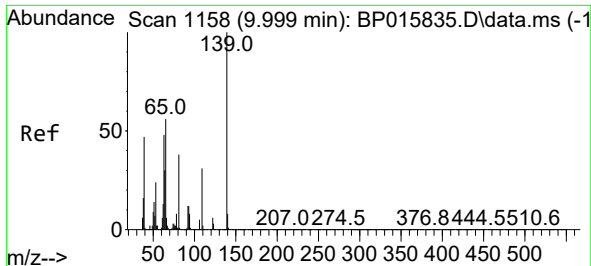
Tgt Ion: 77 Resp: 512072
Ion Ratio Lower Upper
77 100
123 42.1 31.0 46.4
65 13.5 11.3 16.9



#23
Isophorone
Concen: 21.258 ng/ul
RT: 9.804 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion: 82 Resp: 983660
Ion Ratio Lower Upper
82 100
95 6.5 6.3 9.5
138 15.7 12.3 18.5

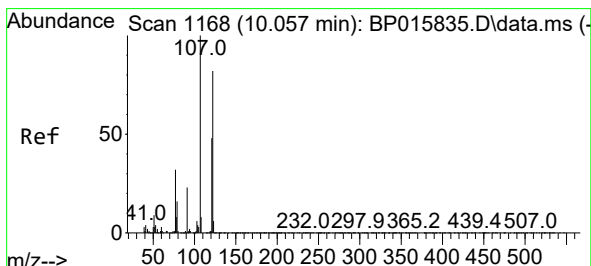
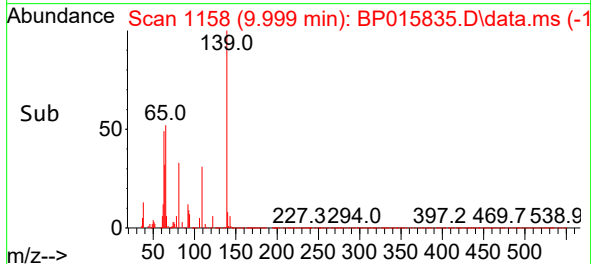
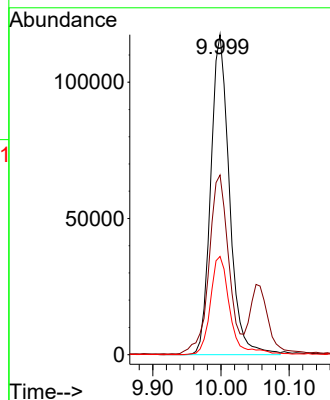
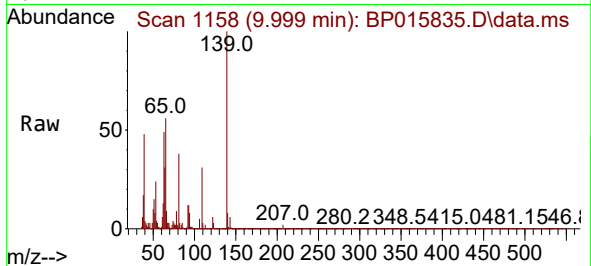




#25
2-Nitrophenol
Concen: 21.010 ng/ul
RT: 9.999 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

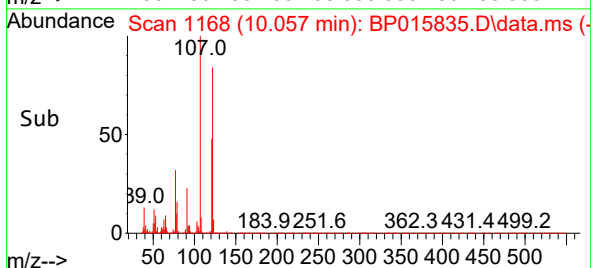
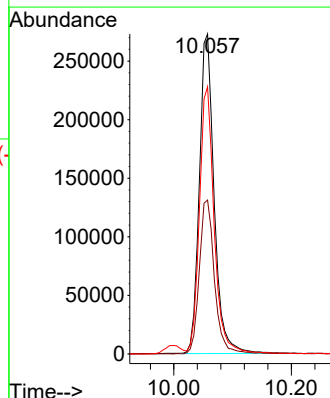
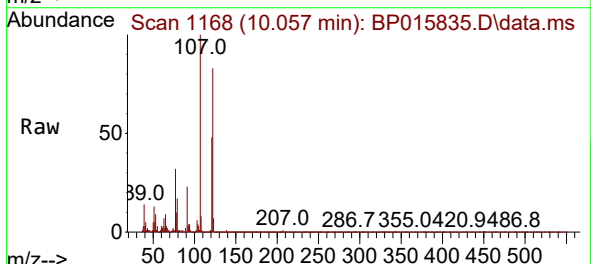
Instrument :
BNA_P
ClientSampleId :

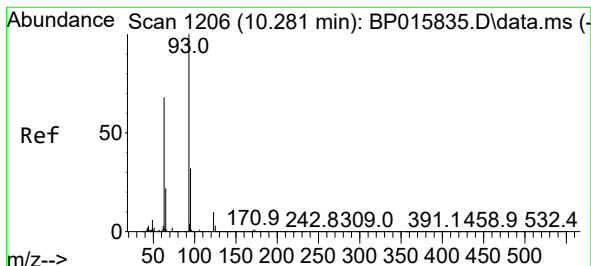
Tgt Ion:139 Resp: 224076
Ion Ratio Lower Upper
139 100
65 56.2 50.2 75.2
109 30.7 31.3 46.9#



#26
2,4-Dimethylphenol
Concen: 20.322 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:107 Resp: 476447
Ion Ratio Lower Upper
107 100
121 48.1 38.2 57.2
122 83.5 62.1 93.1

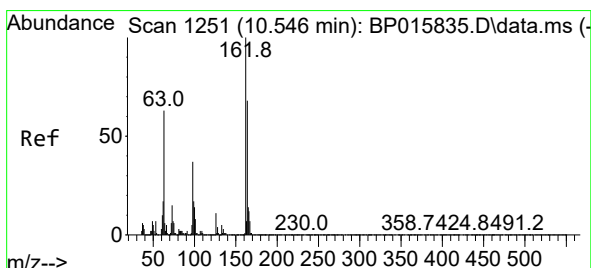
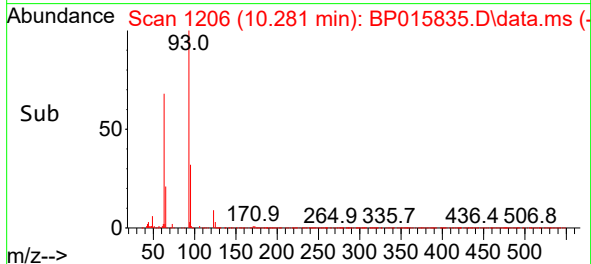
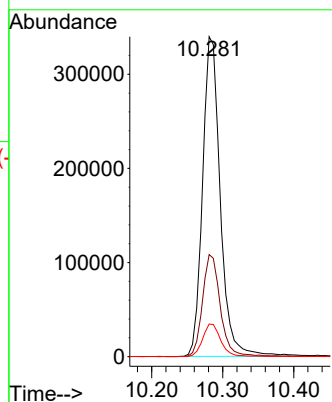
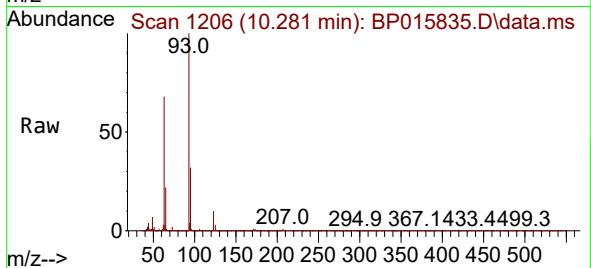




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.564 ng/ul
 RT: 10.281 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

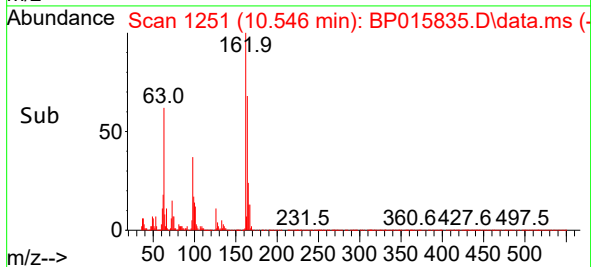
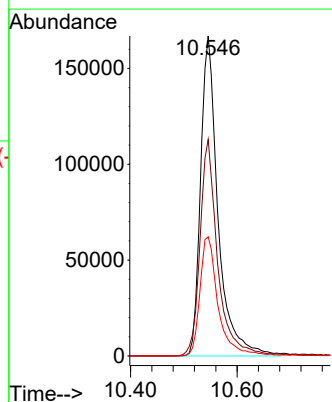
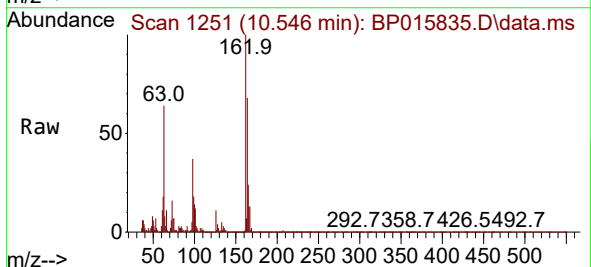
Instrument :
 BNA_P
 ClientSampleId :

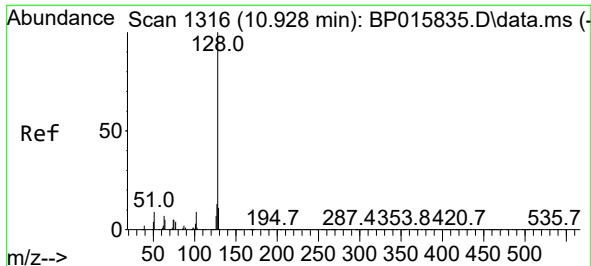
Tgt Ion: 93 Resp: 589386
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.6 39.8
 123 10.2 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 21.313 ng/ul
 RT: 10.546 min Scan# 1251
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Tgt Ion: 162 Resp: 379450
 Ion Ratio Lower Upper
 162 100
 164 67.7 53.0 79.6
 98 37.2 31.3 46.9

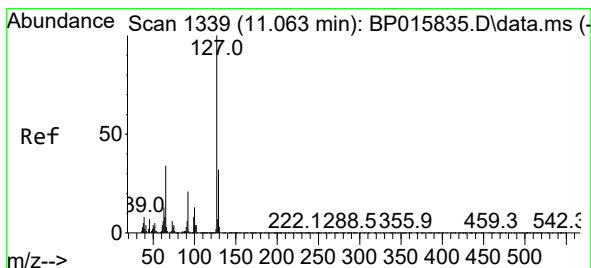
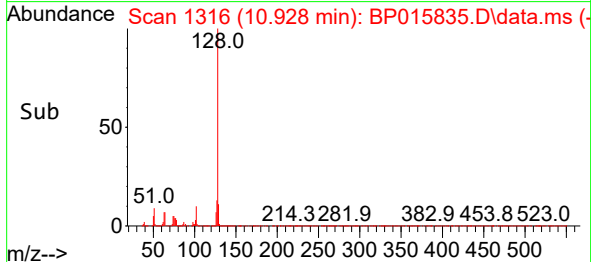
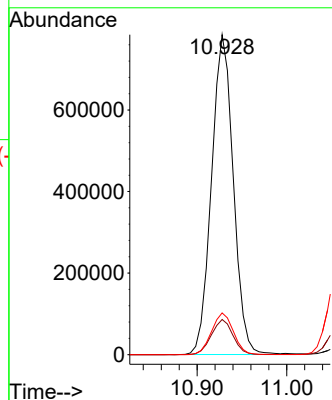
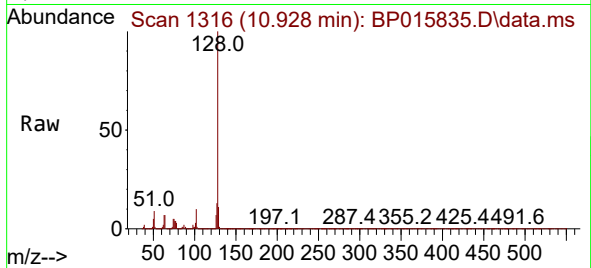




#30
Naphthalene
Concen: 21.587 ng/ul
RT: 10.928 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

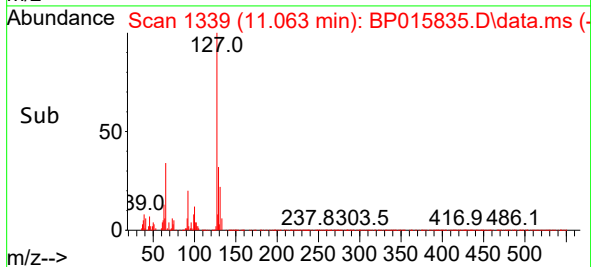
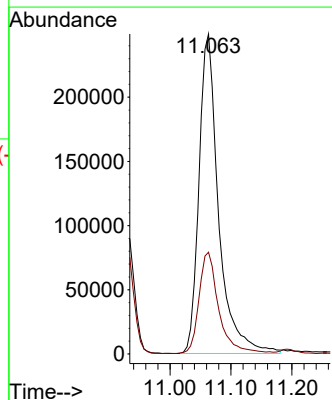
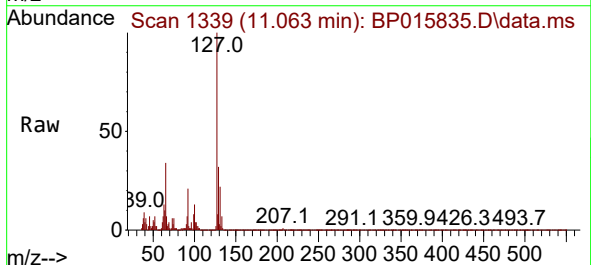
Instrument :
BNA_P
ClientSampleId :

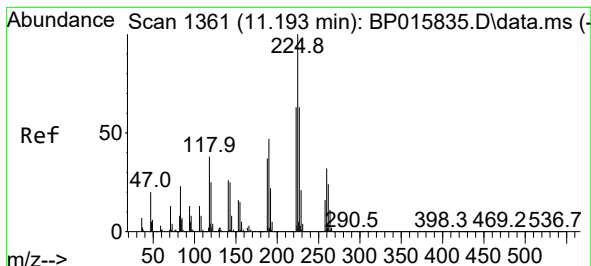
Tgt Ion:128 Resp: 1322162
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 23.225 ng/ul
RT: 11.063 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:127 Resp: 555093
Ion Ratio Lower Upper
127 100
129 31.8 24.7 37.1





#33

Hexachlorobutadiene

Concen: 17.156 ng/ul

RT: 11.193 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

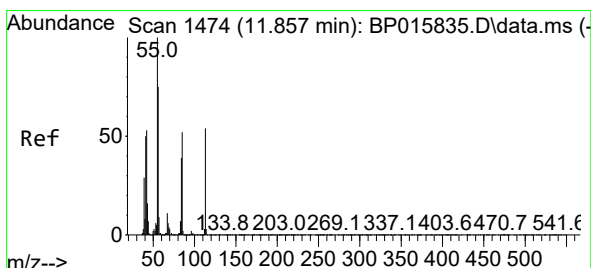
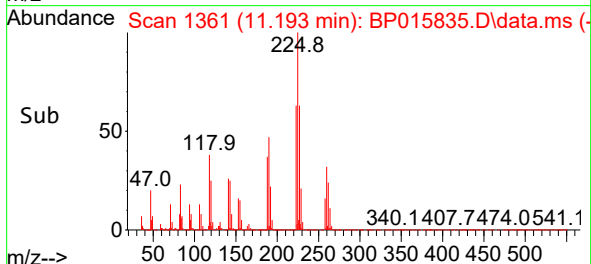
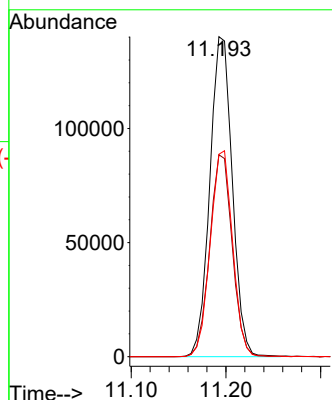
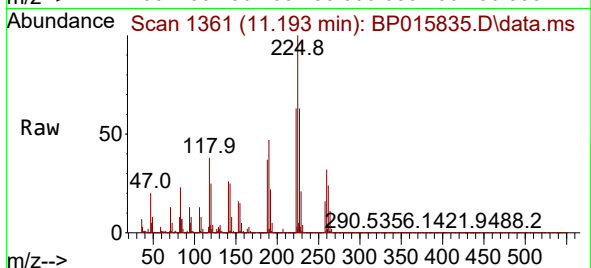
Tgt Ion:225 Resp: 230663

Ion Ratio Lower Upper

225 100

223 63.1 50.4 75.6

227 63.3 51.0 76.4



#34

Caprolactam

Concen: 23.226 ng/ul

RT: 11.857 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

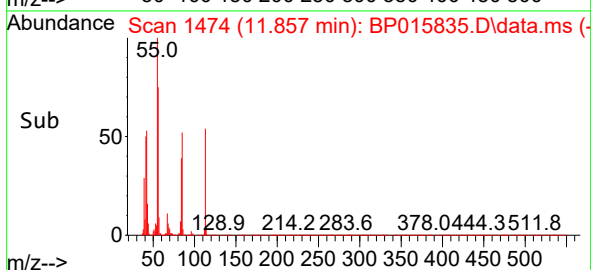
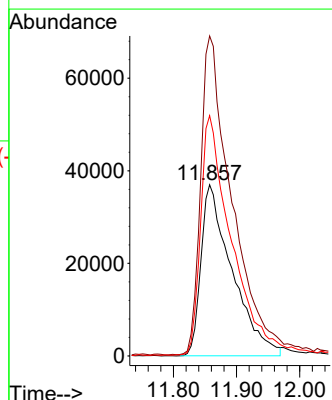
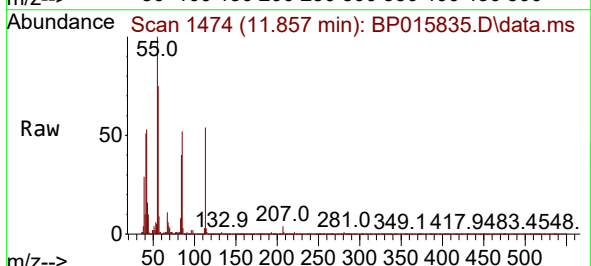
Tgt Ion:113 Resp: 126485

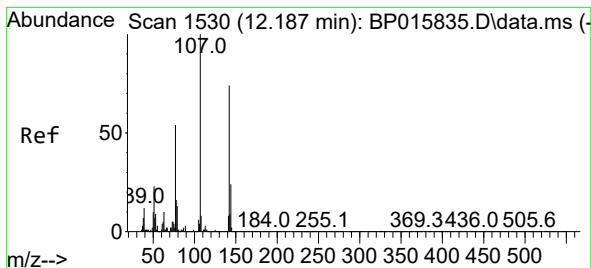
Ion Ratio Lower Upper

113 100

55 186.9 142.8 214.2

56 140.4 116.9 175.3

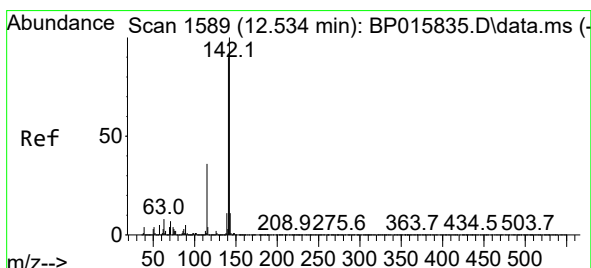
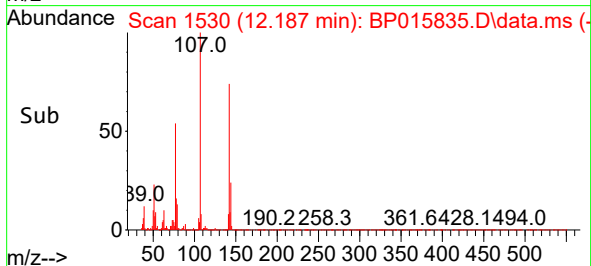
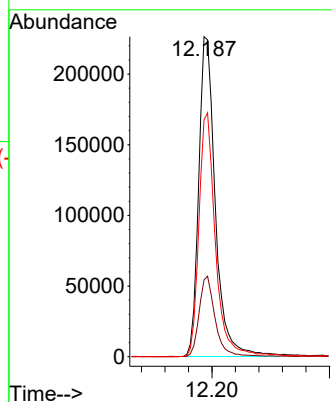
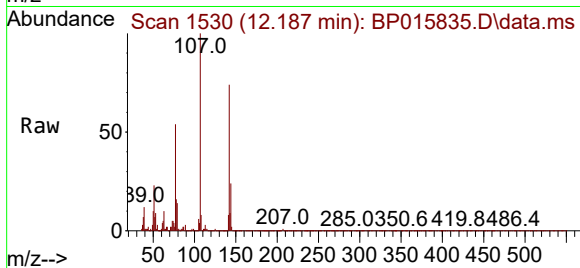




#35
4-Chloro-3-methylphenol
Concen: 21.407 ng/ul
RT: 12.187 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

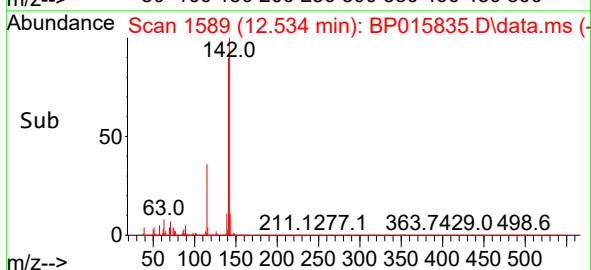
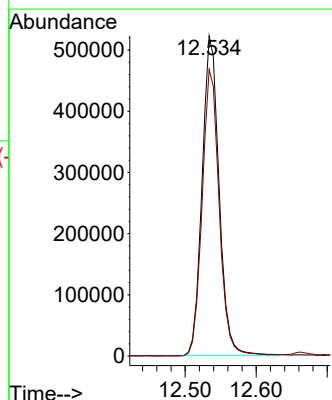
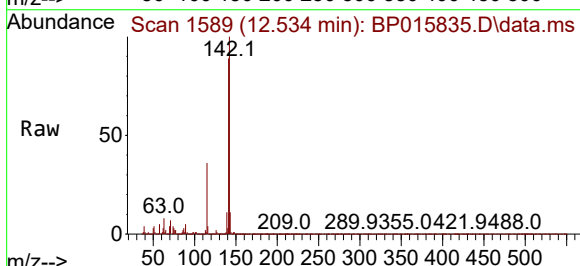
Instrument :
BNA_P
ClientSampleId :

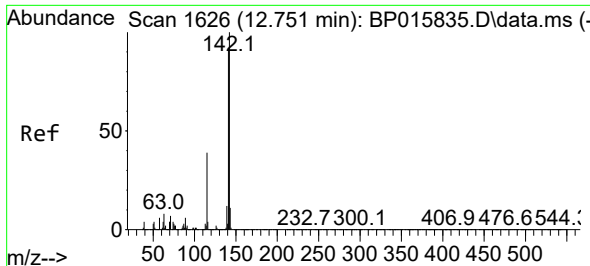
Tgt Ion:107 Resp: 446123
Ion Ratio Lower Upper
107 100
144 24.0 18.4 27.6
142 74.0 58.6 87.8



#36
2-Methylnaphthalene
Concen: 21.682 ng/ul
RT: 12.534 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:142 Resp: 874193
Ion Ratio Lower Upper
142 100
141 89.5 73.2 109.8





#37

1-Methylnaphthalene

Concen: 21.330 ng/ul

RT: 12.751 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

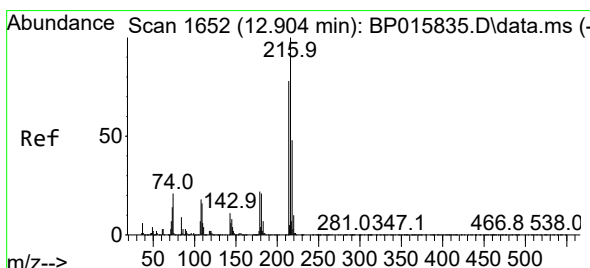
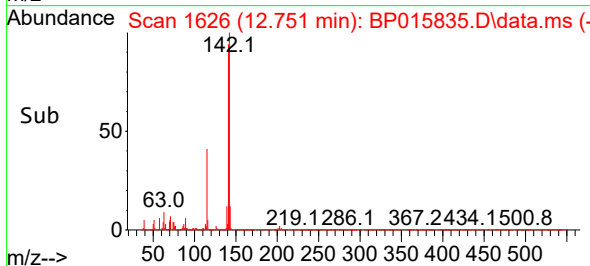
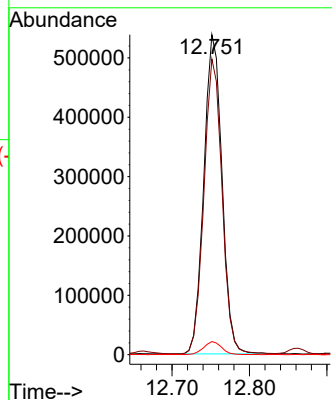
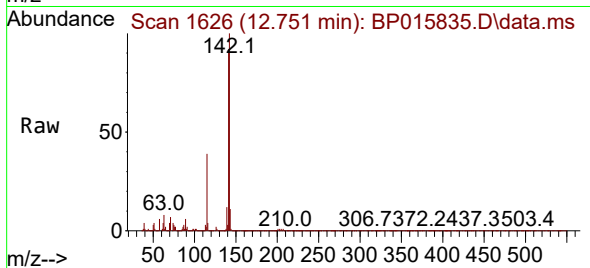
Tgt Ion:142 Resp: 877329

Ion Ratio Lower Upper

142 100

141 92.4 73.1 109.7

116 4.1 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.724 ng/ul

RT: 12.904 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Tgt Ion:216 Resp: 448626

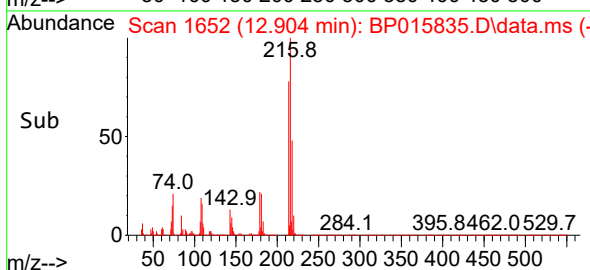
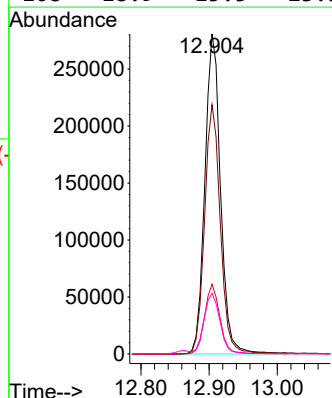
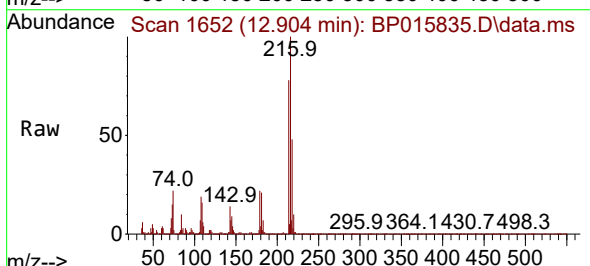
Ion Ratio Lower Upper

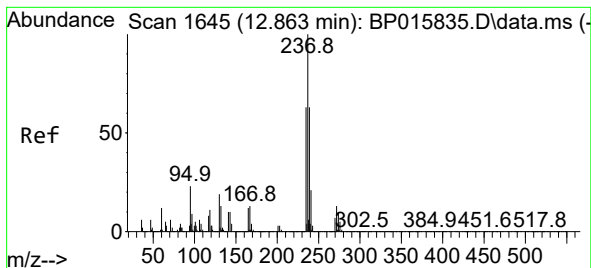
216 100

214 77.9 62.4 93.6

179 21.8 17.6 26.4

108 18.9 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 16.576 ng/ul

RT: 12.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

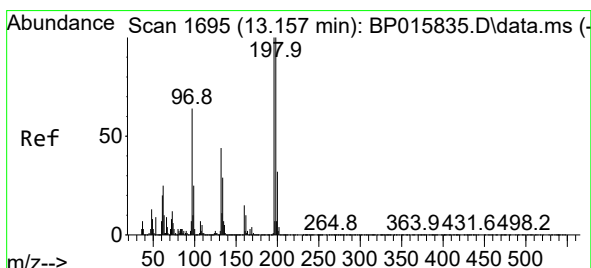
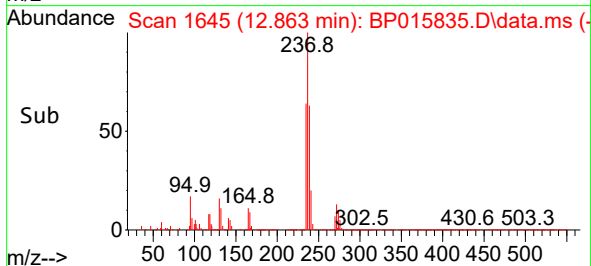
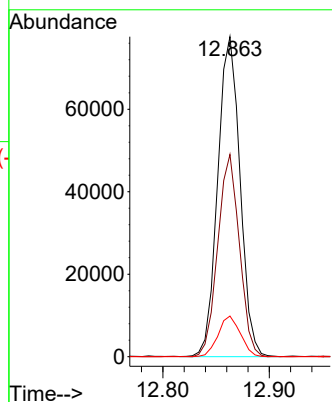
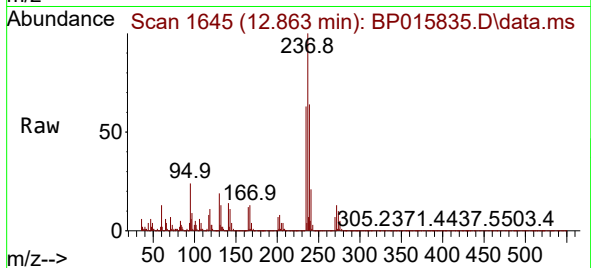
Tgt Ion:237 Resp: 112796

Ion Ratio Lower Upper

237 100

235 63.2 48.6 73.0

272 13.4 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 20.403 ng/ul

RT: 13.157 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

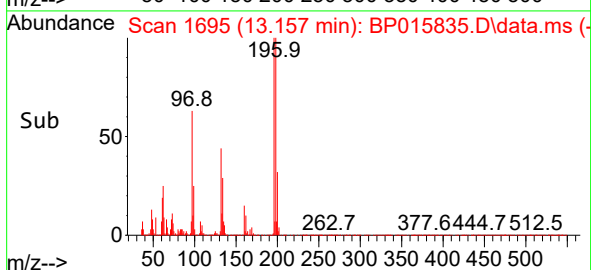
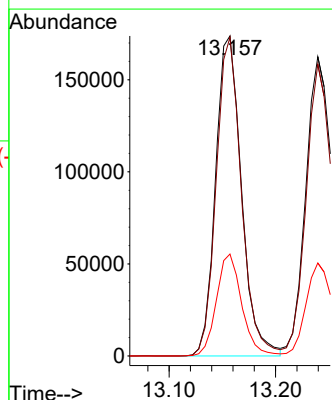
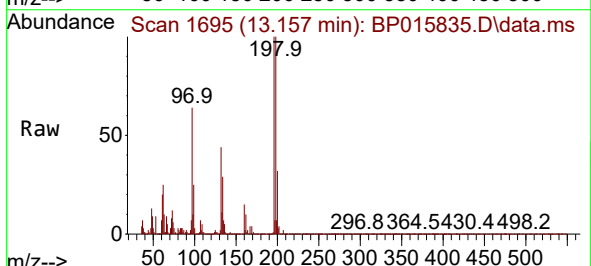
Tgt Ion:196 Resp: 293292

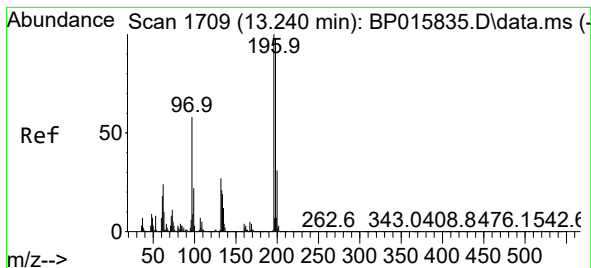
Ion Ratio Lower Upper

196 100

198 99.6 75.4 113.2

200 31.9 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 20.503 ng/ul

RT: 13.240 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

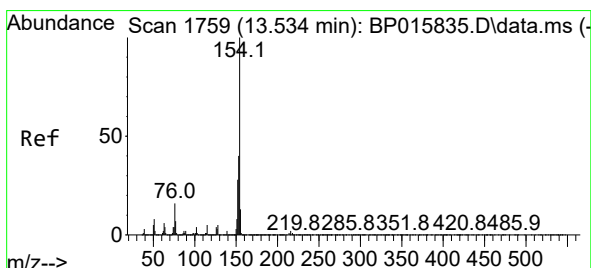
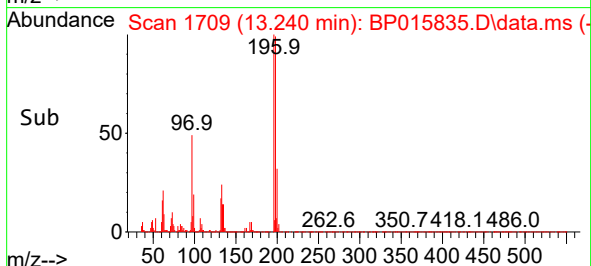
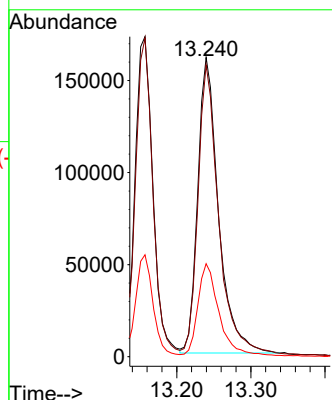
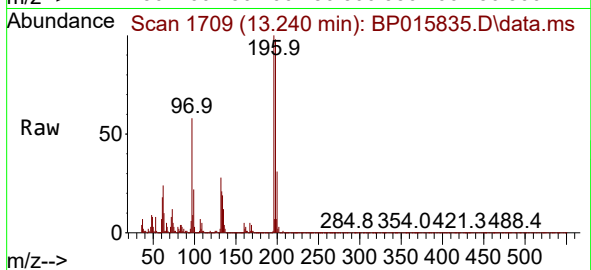
Tgt Ion:196 Resp: 312610

Ion Ratio Lower Upper

196 100

198 97.6 74.9 112.3

200 31.1 24.3 36.5



#43

1,1'-Biphenyl

Concen: 21.428 ng/ul

RT: 13.534 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

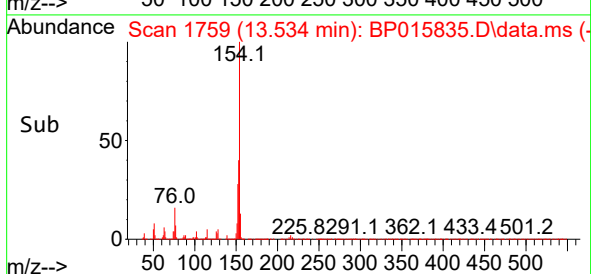
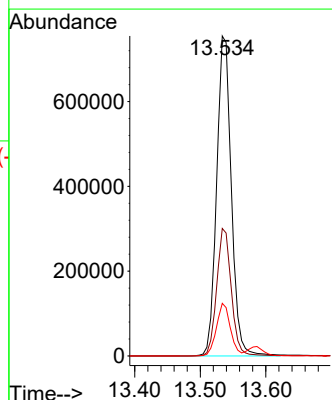
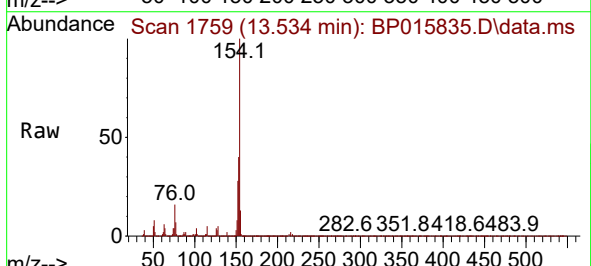
Tgt Ion:154 Resp: 1171465

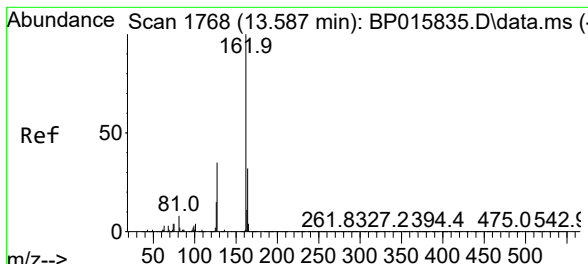
Ion Ratio Lower Upper

154 100

153 39.8 32.8 49.2

76 16.5 10.7 16.1#



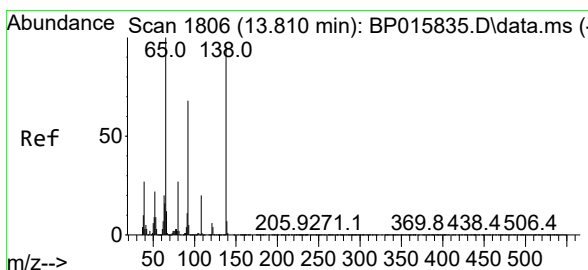
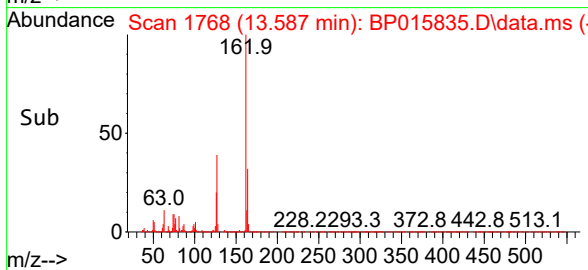
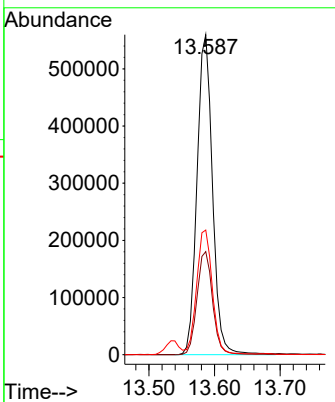
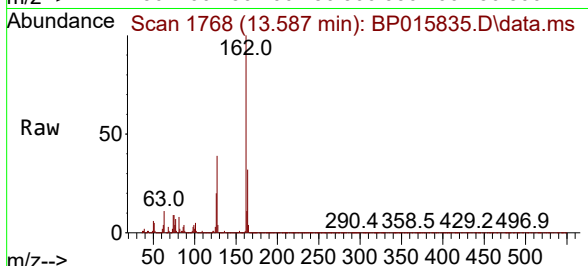


#44
 2-Chloronaphthalene
 Concen: 21.358 ng/ul
 RT: 13.587 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:162 Resp: 919863

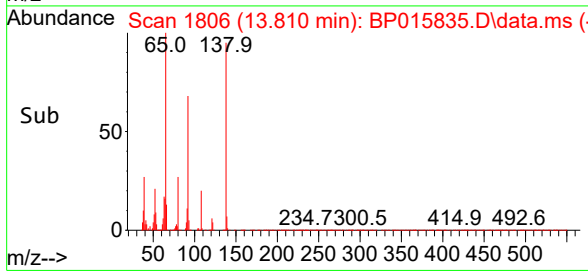
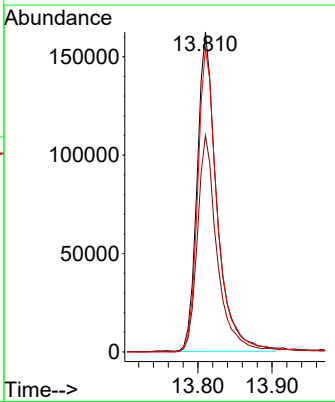
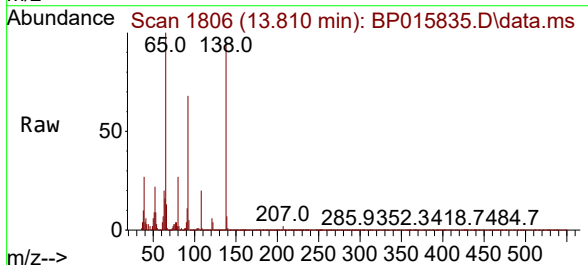
Ion	Ratio	Lower	Upper
162	100		
164	32.2	26.1	39.1
127	39.0	33.4	50.0

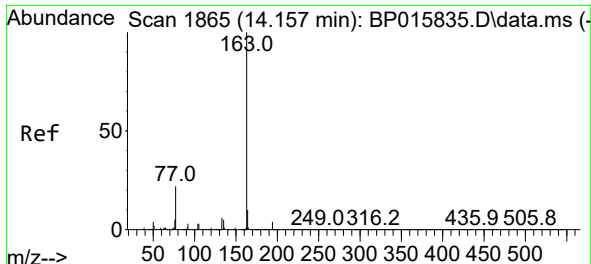


#45
 2-Nitroaniline
 Concen: 22.110 ng/ul
 RT: 13.810 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Tgt Ion: 65 Resp: 299627

Ion	Ratio	Lower	Upper
65	100		
92	67.7	49.5	74.3
138	95.0	71.4	107.2

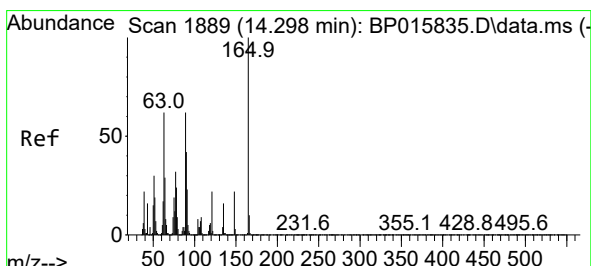
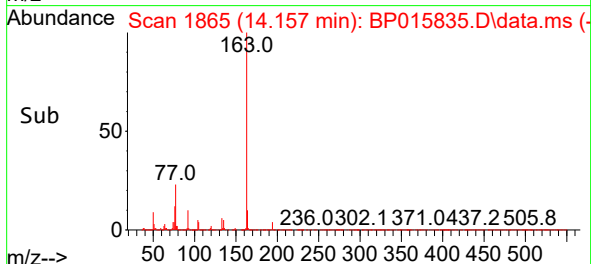
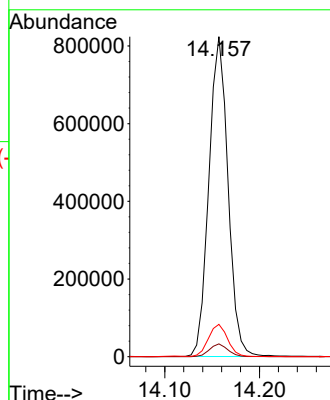
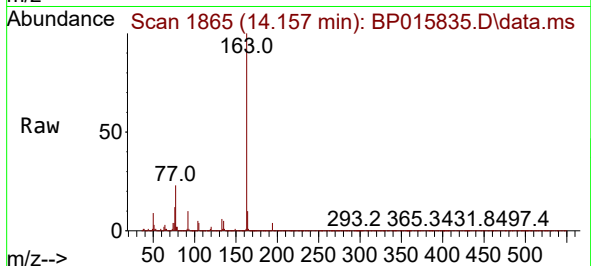




#47
Dimethylphthalate
Concen: 20.848 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

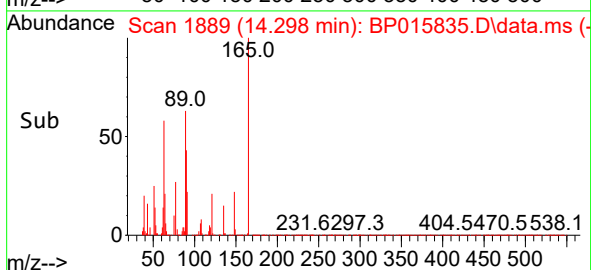
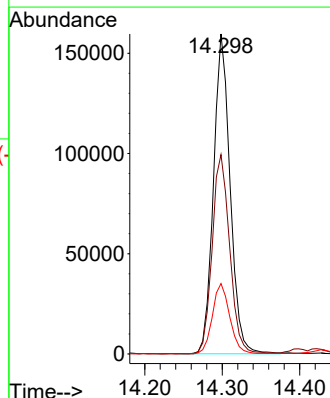
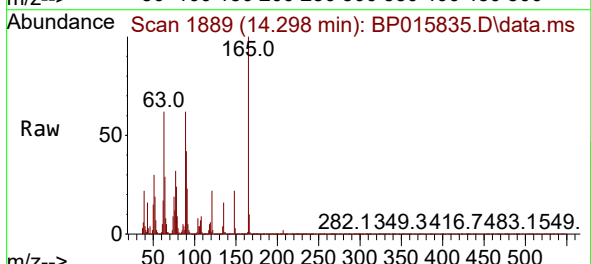
Instrument :
BNA_P
ClientSampleId :

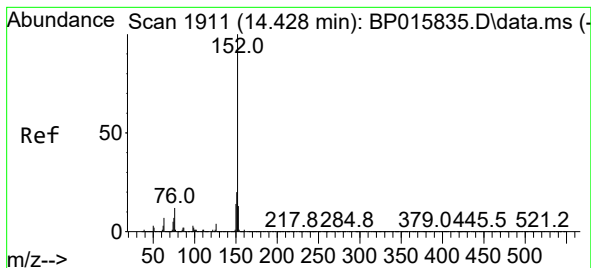
Tgt Ion:163 Resp: 1151070
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 21.279 ng/ul
RT: 14.298 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:165 Resp: 238314
Ion Ratio Lower Upper
165 100
89 62.3 54.1 81.1
121 22.0 18.2 27.2





#50

Acenaphthylene

Concen: 22.030 ng/ul

RT: 14.428 min Scan# 1911

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

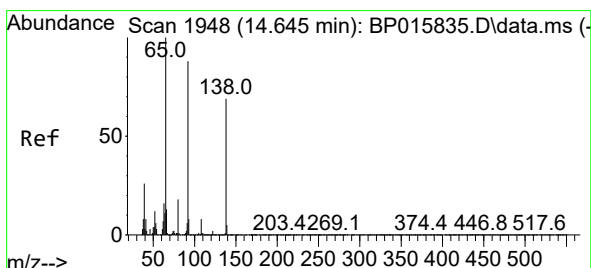
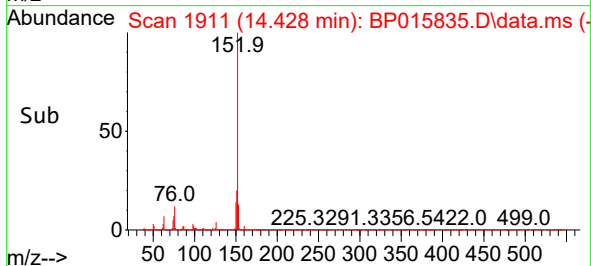
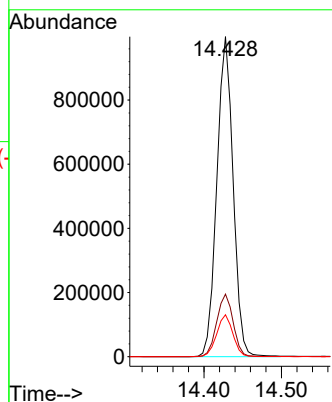
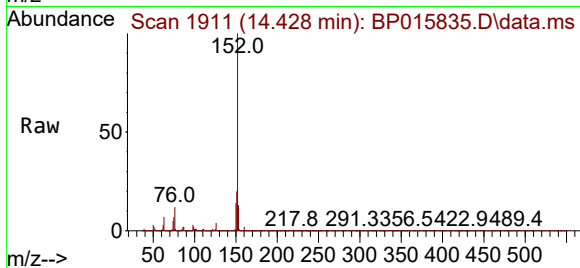
Tgt Ion:152 Resp: 1455797

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.2

153 13.1 10.5 15.7



#51

3-Nitroaniline

Concen: 23.266 ng/ul

RT: 14.645 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

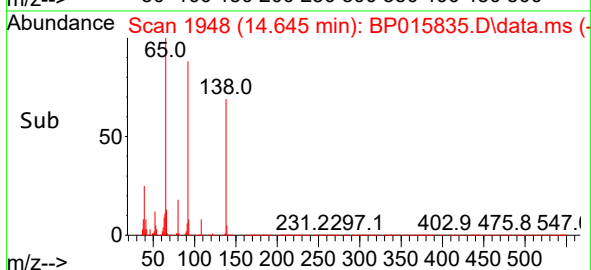
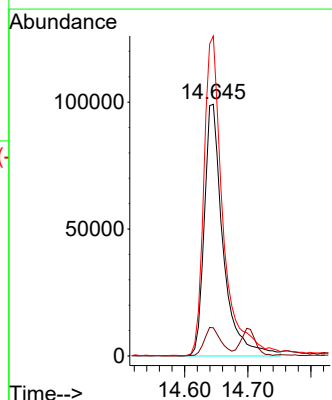
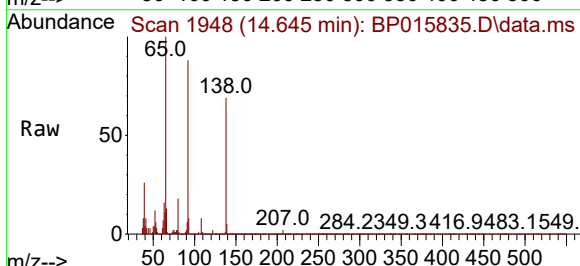
Tgt Ion:138 Resp: 204337

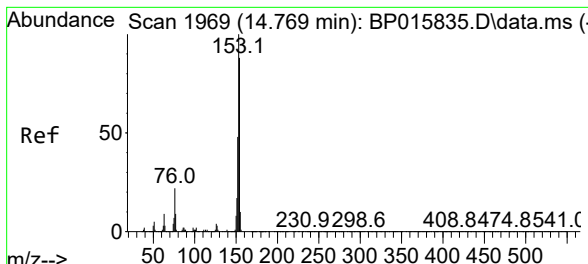
Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

92 127.1 96.8 145.2



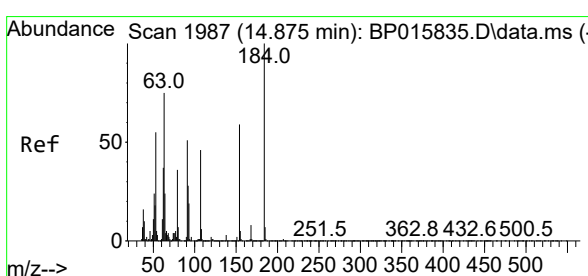
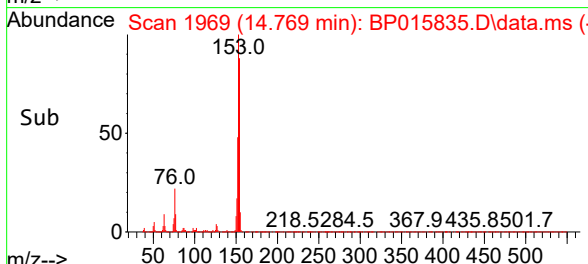
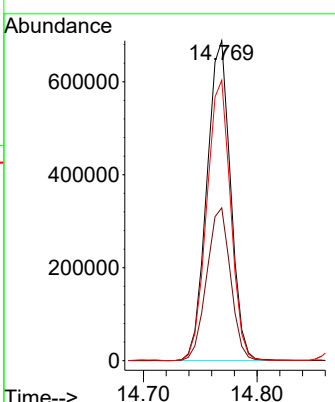
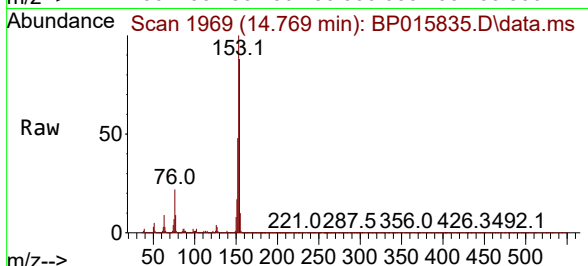


#52
 Acenaphthene
 Concen: 21.740 ng/ul
 RT: 14.769 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:153 Resp: 996210

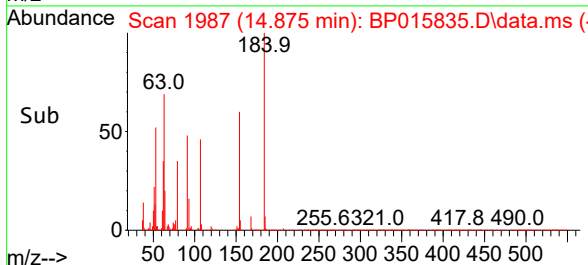
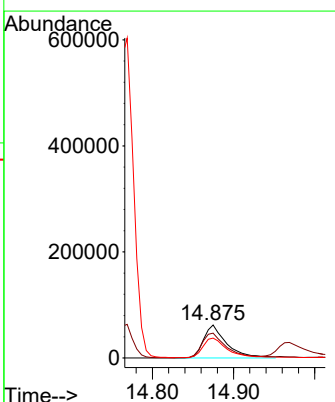
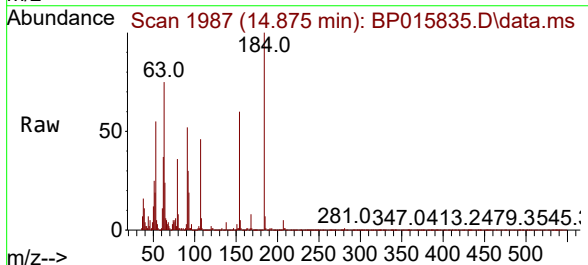
Ion	Ratio	Lower	Upper
153	100		
152	47.7	39.4	59.2
154	87.7	71.4	107.2

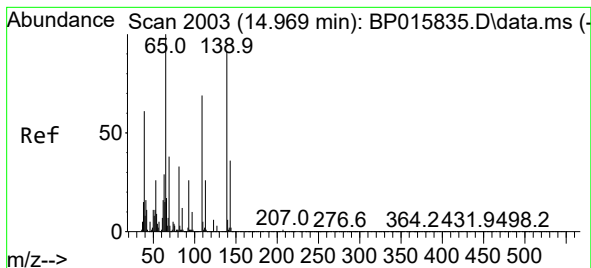


#53
 2,4-Dinitrophenol
 Concen: 20.544 ng/ul
 RT: 14.875 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Tgt Ion:184 Resp: 122068

Ion	Ratio	Lower	Upper
184	100		
63	75.3	71.4	107.0
154	60.4	61.1	91.7

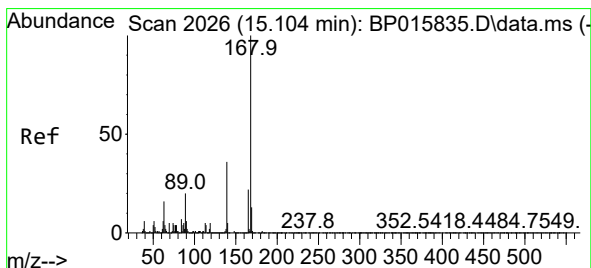
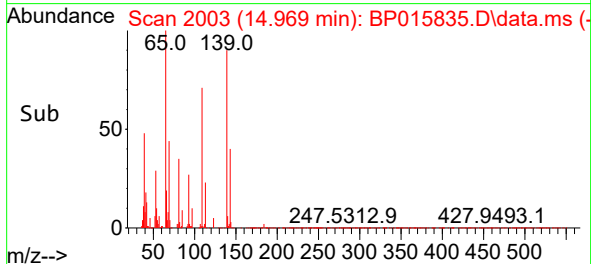
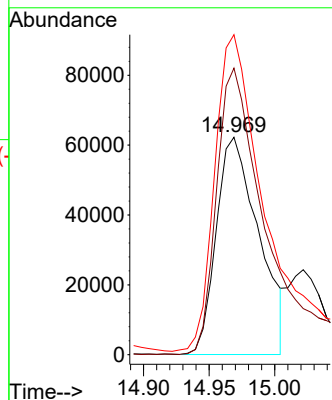
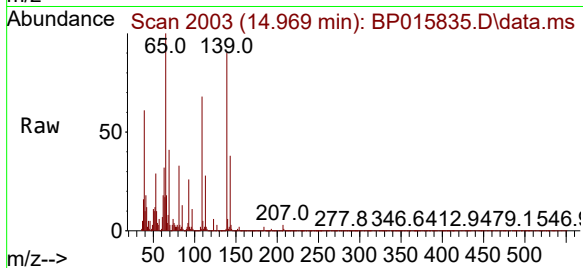




#55
4-Nitrophenol
Concen: 19.250 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

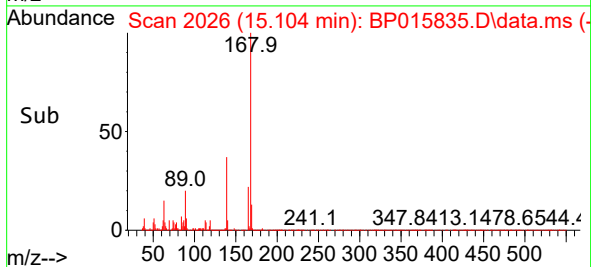
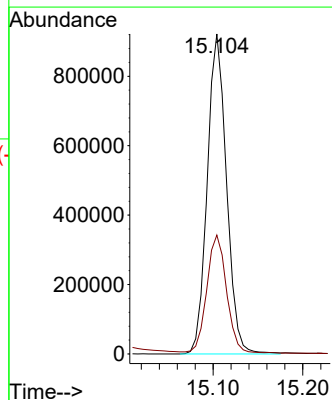
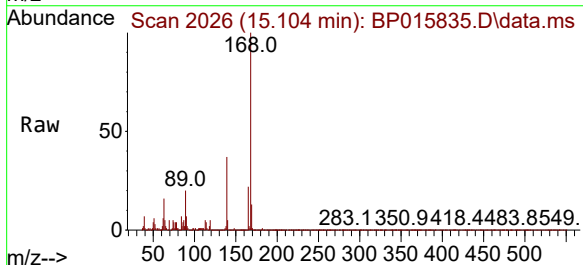
Instrument :
BNA_P
ClientSampleId :

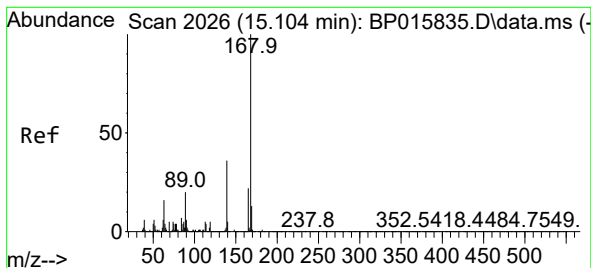
Tgt Ion:109 Resp: 140440
Ion Ratio Lower Upper
109 100
139 131.8 81.3 121.9#
65 147.2 99.9 149.9



#56
Dibenzofuran
Concen: 21.619 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:168 Resp: 1375225
Ion Ratio Lower Upper
168 100
139 37.2 32.2 48.4





#57

2,4-Dinitrotoluene

Concen: 22.116 ng/ul

RT: 15.104 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

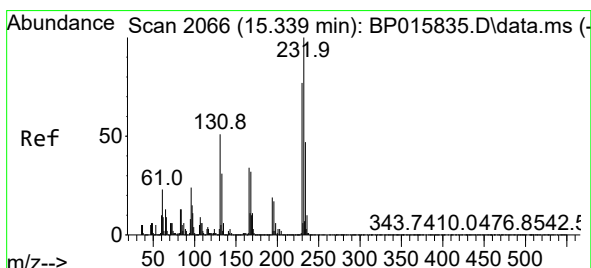
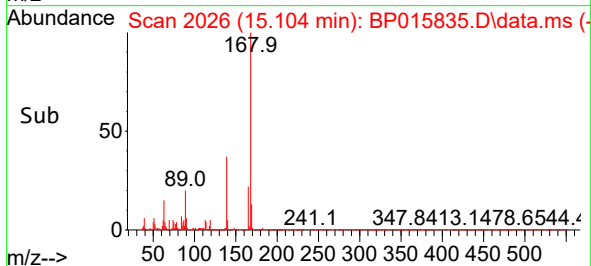
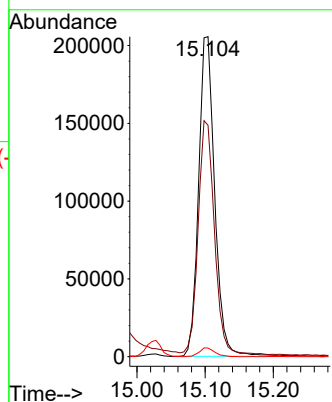
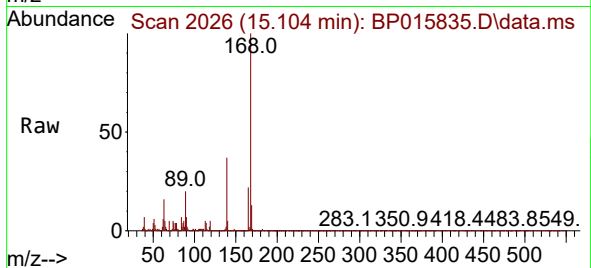
Tgt Ion:165 Resp: 337534

Ion Ratio Lower Upper

165 100

63 72.3 56.8 85.2

182 2.7 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.209 ng/ul

RT: 15.339 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Tgt Ion:232 Resp: 264659

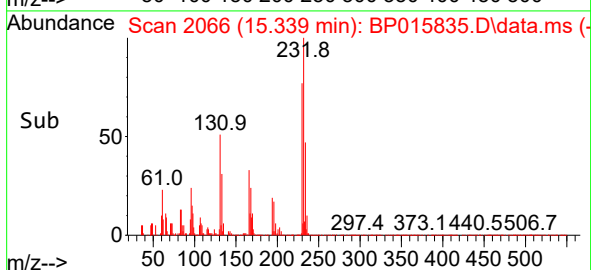
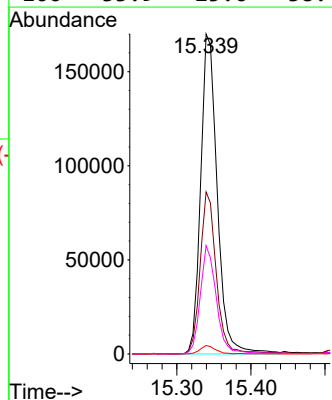
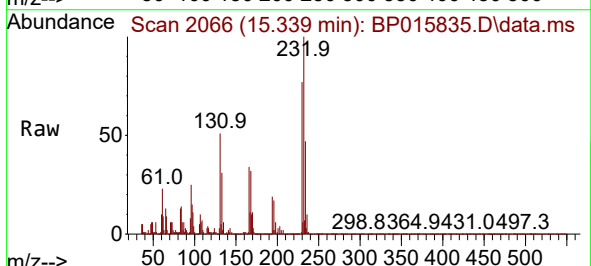
Ion Ratio Lower Upper

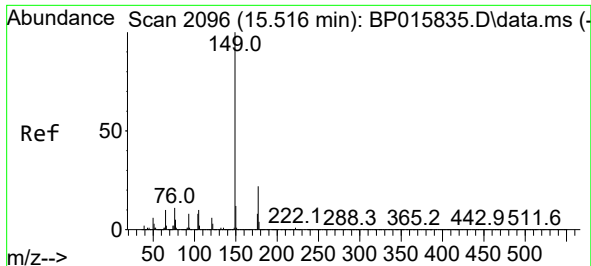
232 100

131 50.6 38.2 57.2

130 2.6 2.2 3.2

166 33.9 25.6 38.4

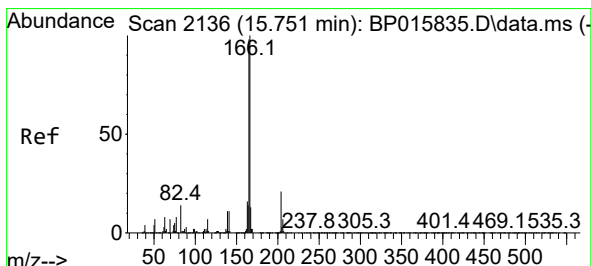
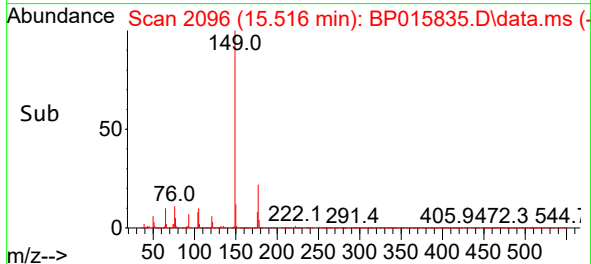
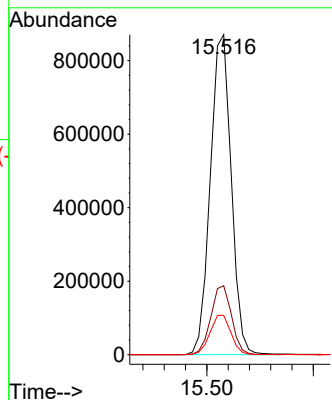
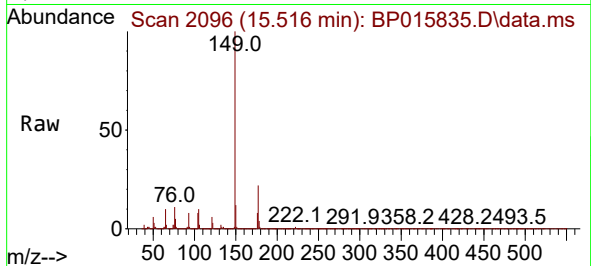




#59
Diethylphthalate
Concen: 21.268 ng/ul
RT: 15.516 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

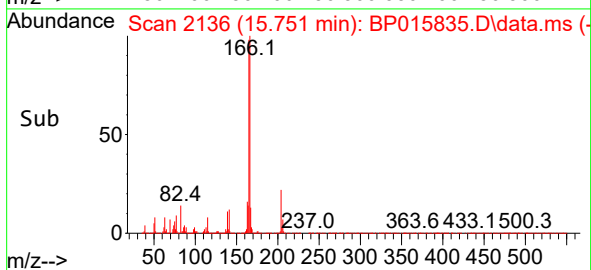
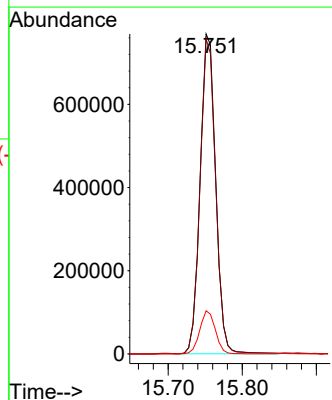
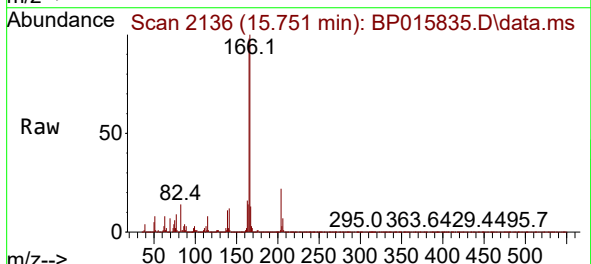
Instrument :
BNA_P
ClientSampleId :

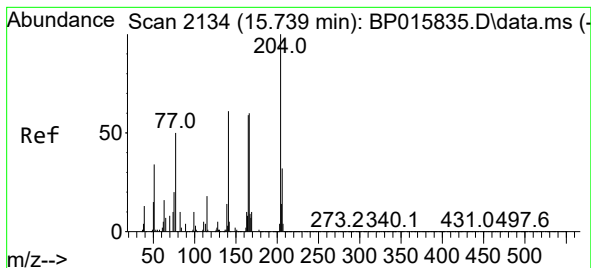
Tgt Ion:149 Resp: 1188313
Ion Ratio Lower Upper
149 100
177 21.6 16.8 25.2
150 12.3 10.3 15.5



#61
Fluorene
Concen: 21.720 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:166 Resp: 1120683
Ion Ratio Lower Upper
166 100
165 98.5 78.7 118.1
167 13.5 10.5 15.7

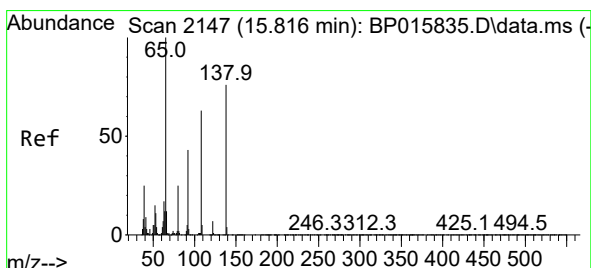
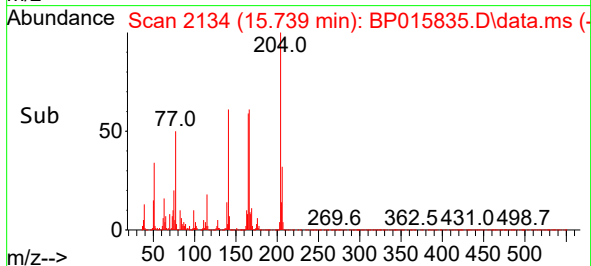
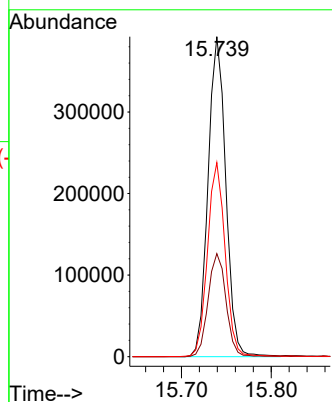
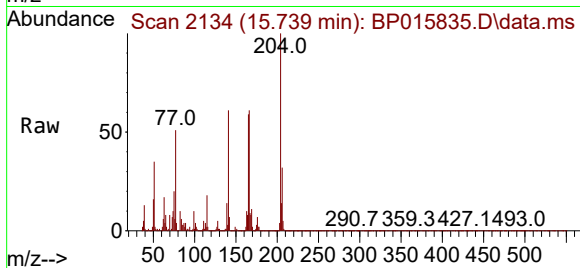




#62
4-Chlorophenyl-phenylether
Concen: 20.394 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

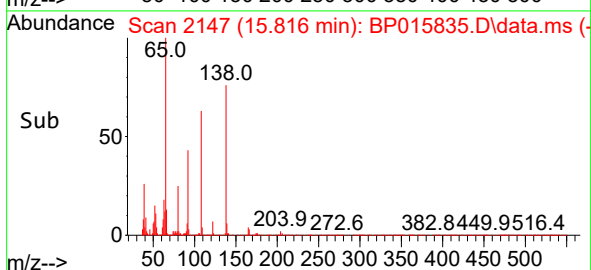
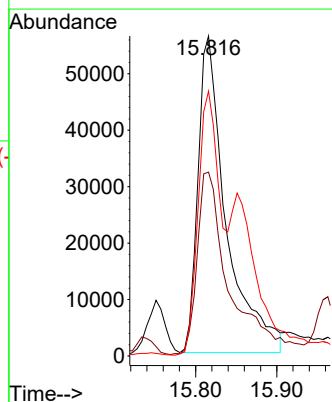
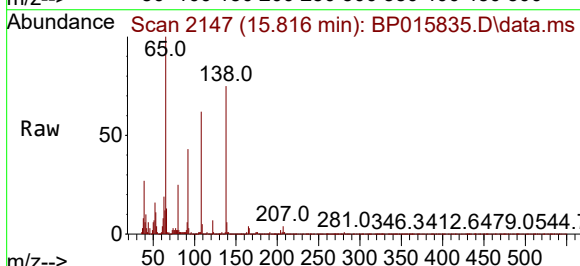
Instrument :
BNA_P
ClientSampleId :

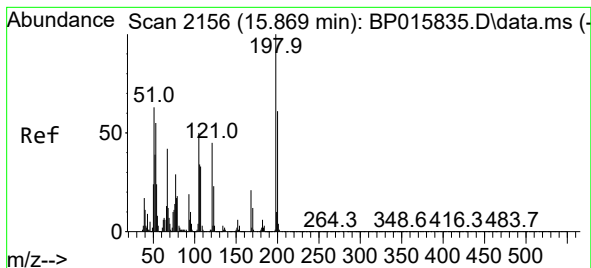
Tgt Ion:204 Resp: 538423
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 60.6 51.8 77.8



#63
4-Nitroaniline
Concen: 22.536 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:138 Resp: 135466
Ion Ratio Lower Upper
138 100
92 57.4 50.1 75.1
108 82.7 85.5 128.3#

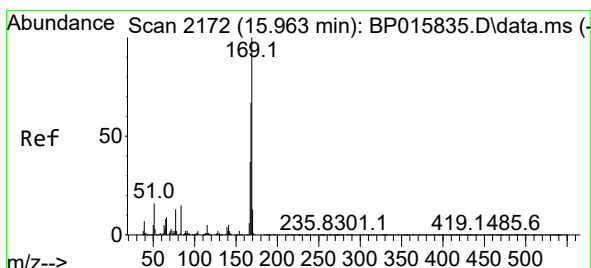
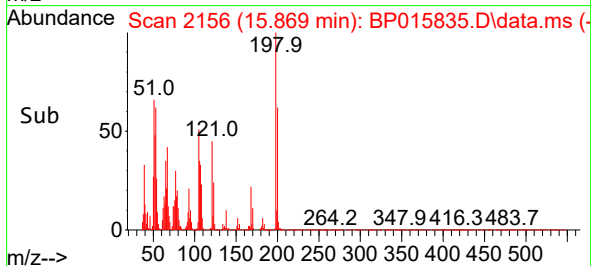
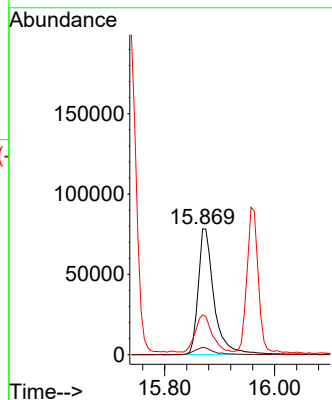
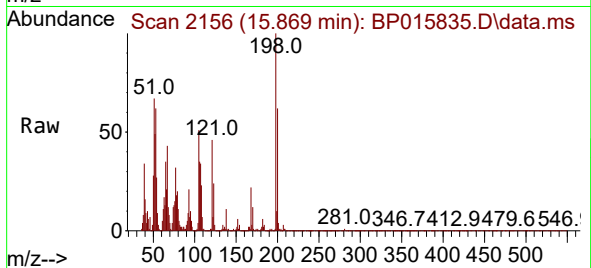




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.065 ng/ul
 RT: 15.869 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

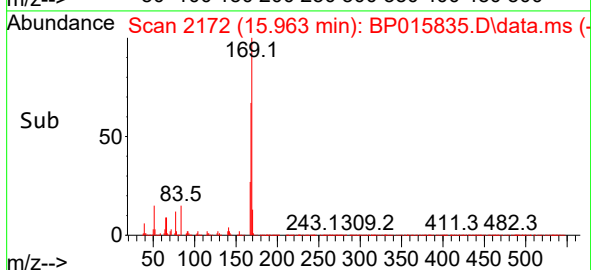
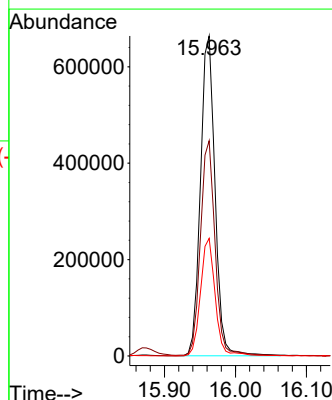
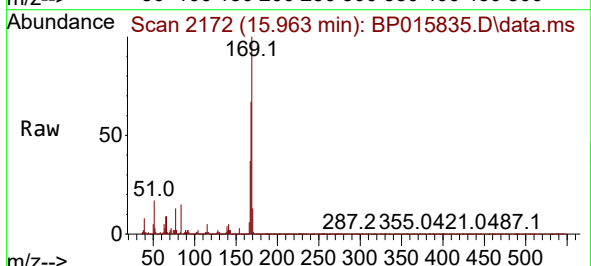
Instrument :
 BNA_P
 ClientSampleId :

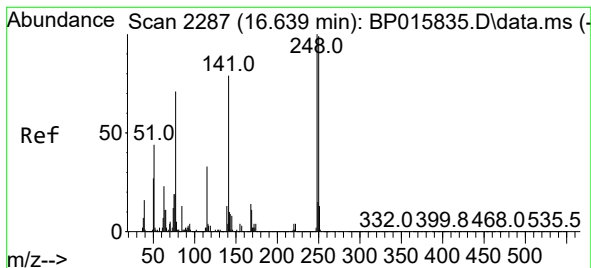
Tgt Ion:198 Resp: 156234
 Ion Ratio Lower Upper
 198 100
 182 5.9 3.4 5.2#
 77 31.5 24.4 36.6



#67
 N-Nitrosodiphenylamine
 Concen: 21.548 ng/ul
 RT: 15.963 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Tgt Ion:169 Resp: 949146
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.2 81.4
 167 36.7 29.7 44.5

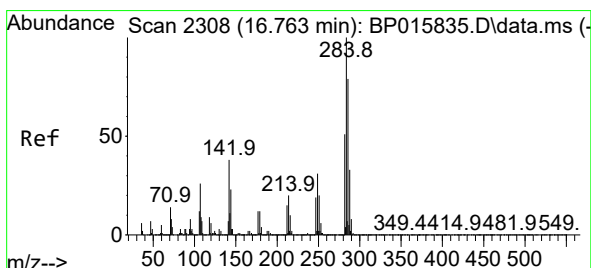
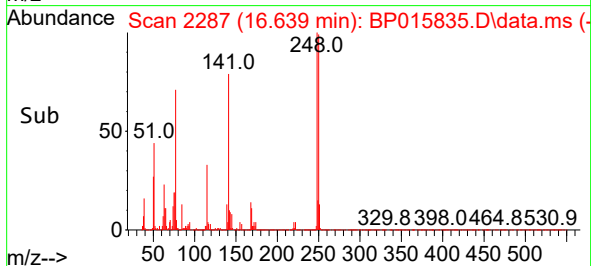
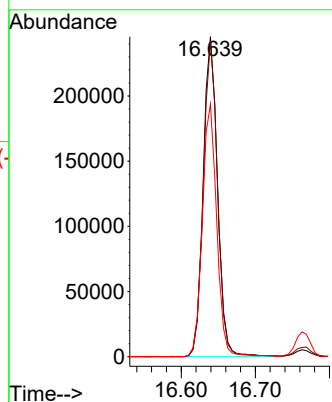
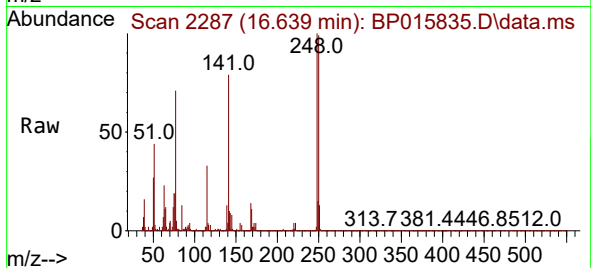




#68
4-Bromophenyl-phenylether
Concen: 19.649 ng/ul
RT: 16.639 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

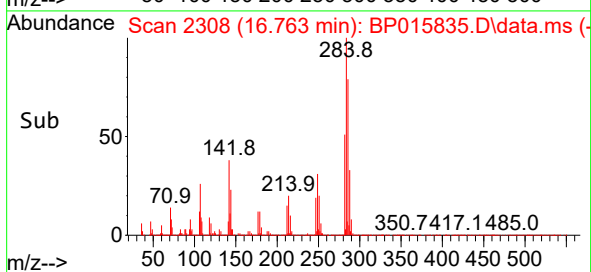
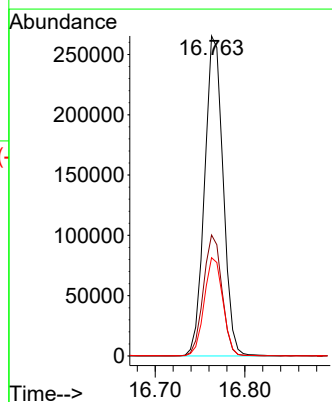
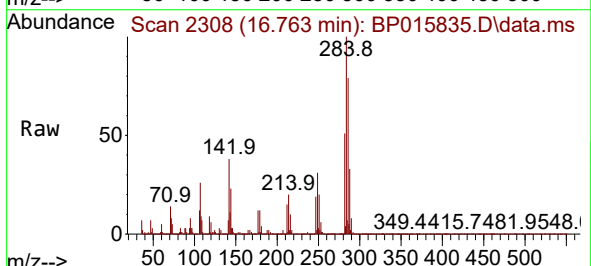
Instrument :
BNA_P
ClientSampleId :

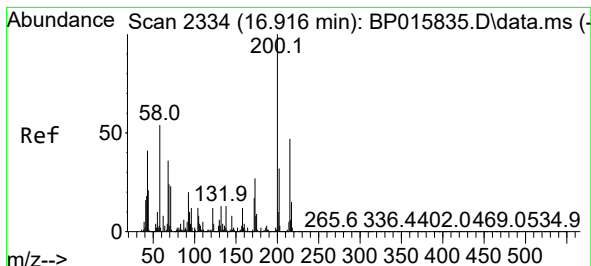
Tgt Ion:248 Resp: 330139
Ion Ratio Lower Upper
248 100
250 98.6 84.6 126.8
141 78.9 67.8 101.6



#69
Hexachlorobenzene
Concen: 19.187 ng/ul
RT: 16.763 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:284 Resp: 380393
Ion Ratio Lower Upper
284 100
142 37.8 27.8 41.8
249 30.7 26.1 39.1





#70

Atrazine

Concen: 20.455 ng/ul

RT: 16.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

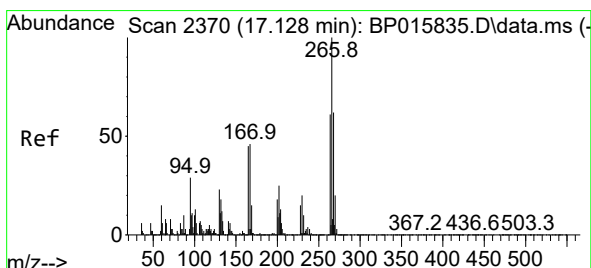
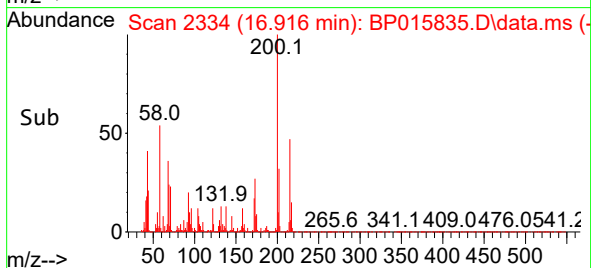
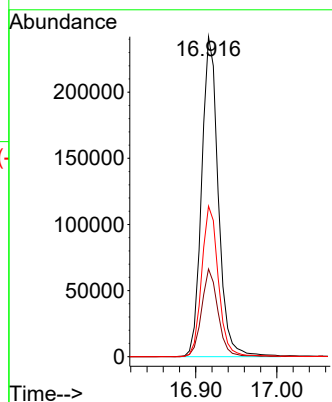
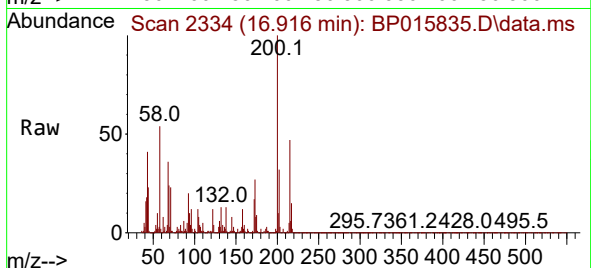
Tgt Ion:200 Resp: 344894

Ion Ratio Lower Upper

200 100

173 27.4 19.8 29.8

215 47.0 36.8 55.2



#71

Pentachlorophenol

Concen: 18.519 ng/ul

RT: 17.128 min Scan# 2370

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

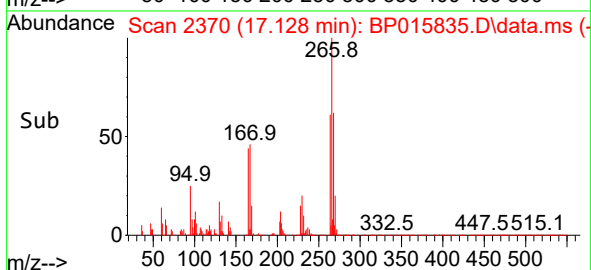
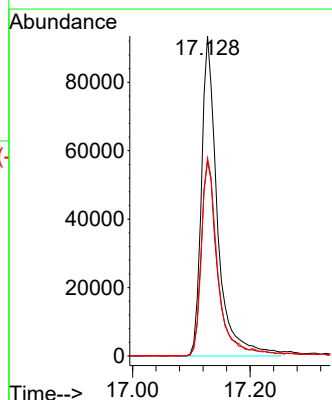
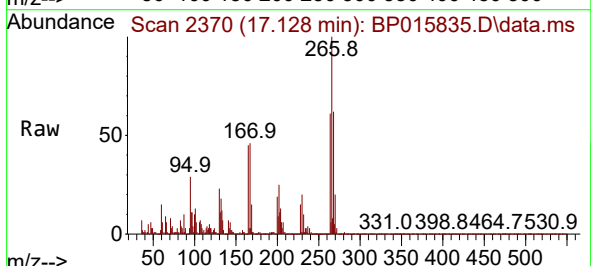
Tgt Ion:266 Resp: 176210

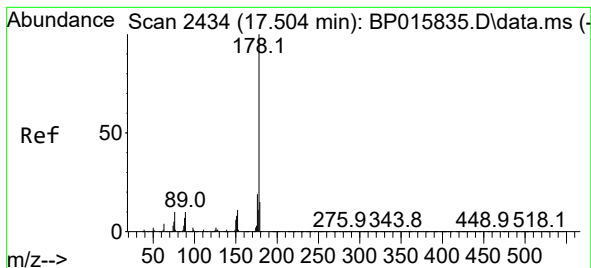
Ion Ratio Lower Upper

266 100

264 60.9 53.4 80.2

268 61.9 51.4 77.2





#72

Phenanthrene

Concen: 21.705 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

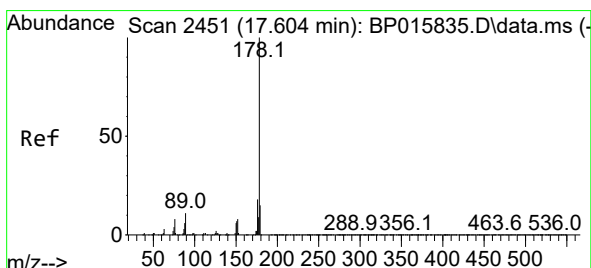
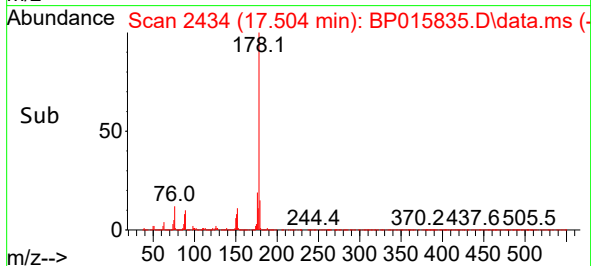
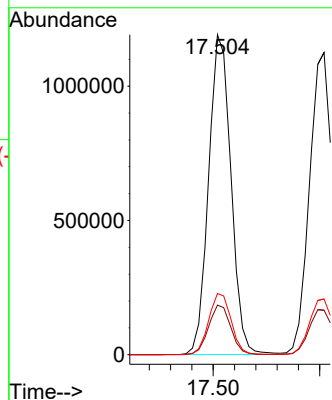
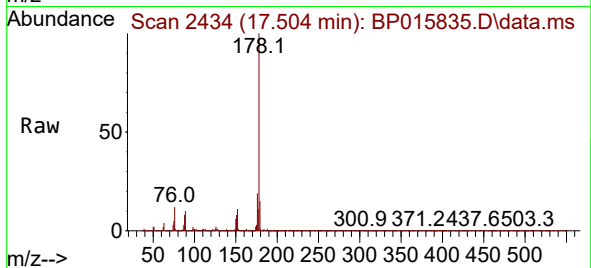
Tgt Ion:178 Resp: 1734973

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.1 15.6 23.4



#74

Anthracene

Concen: 22.119 ng/ul

RT: 17.604 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

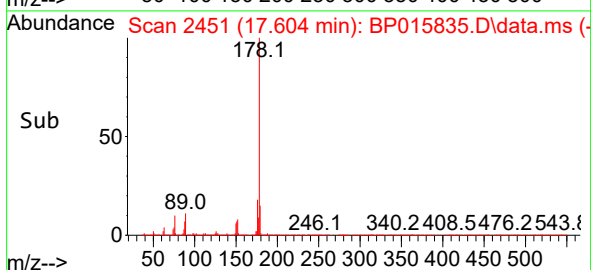
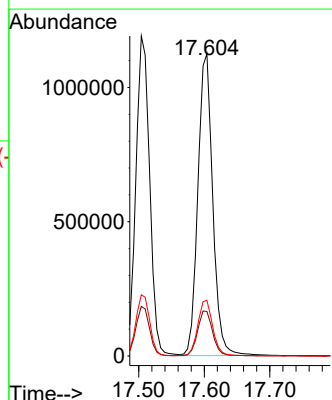
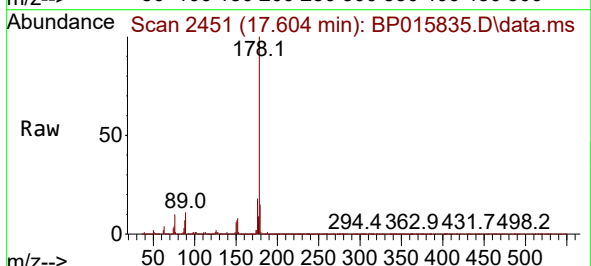
Tgt Ion:178 Resp: 1776585

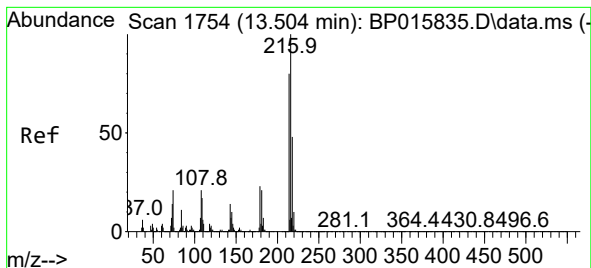
Ion Ratio Lower Upper

178 100

179 14.7 12.1 18.1

176 18.4 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.394 ng/uL

RT: 13.504 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

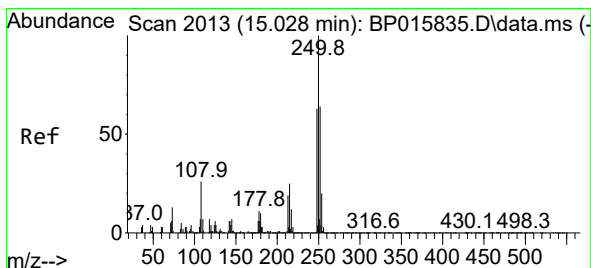
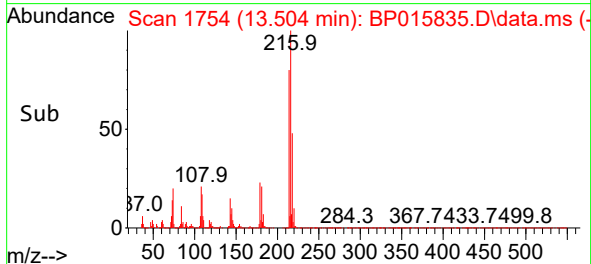
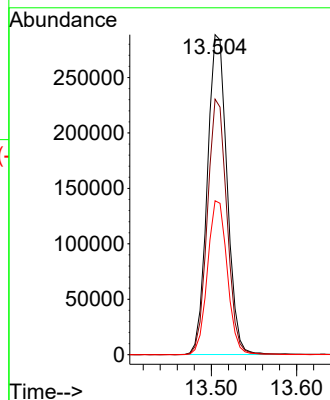
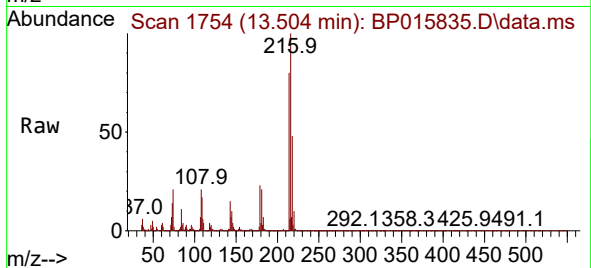
Tgt Ion:216 Resp: 464340

Ion Ratio Lower Upper

216 100

214 79.9 62.0 93.0

218 48.1 38.4 57.6



#76

Pentachlorobenzene

Concen: 18.993 ng/uL

RT: 15.028 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

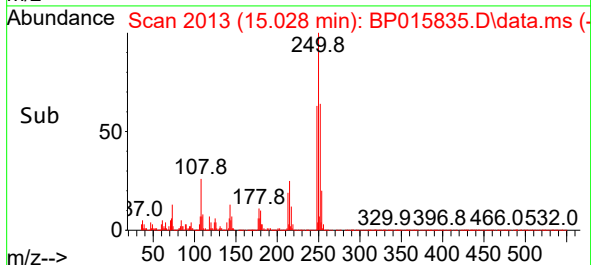
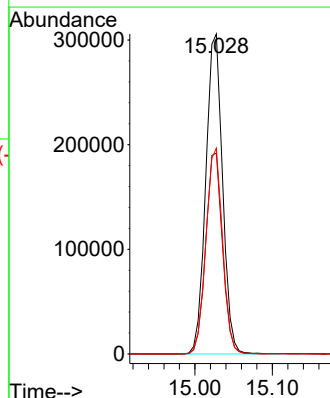
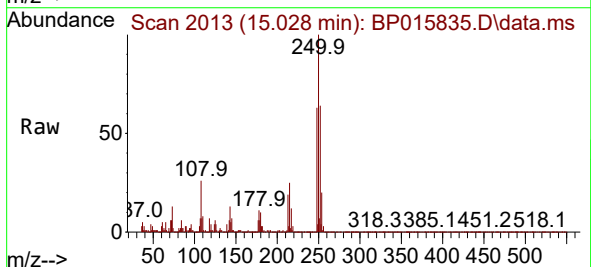
Tgt Ion:250 Resp: 458938

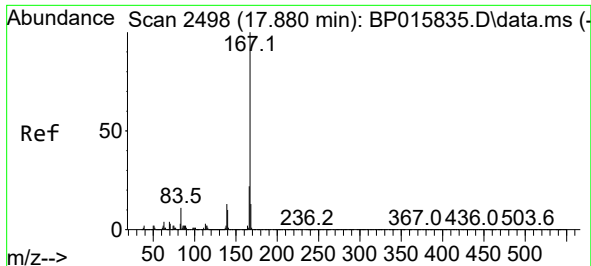
Ion Ratio Lower Upper

250 100

248 62.8 50.7 76.1

252 64.3 51.2 76.8

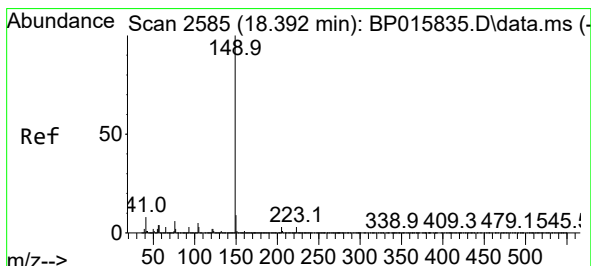
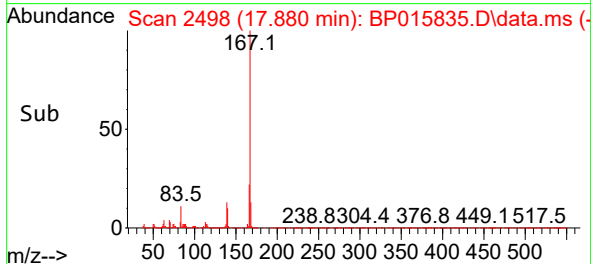
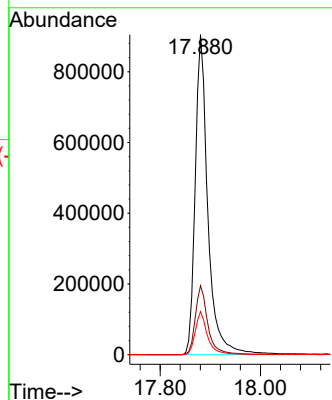
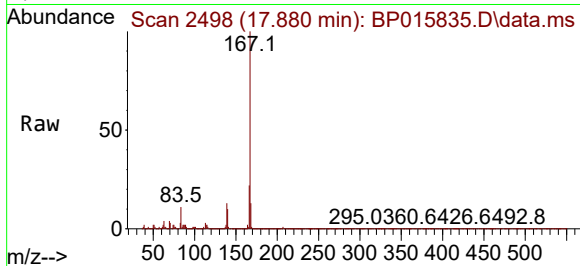




#77
 Carbazole
 Concen: 23.315 ng/ul
 RT: 17.880 min Scan# 2498
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

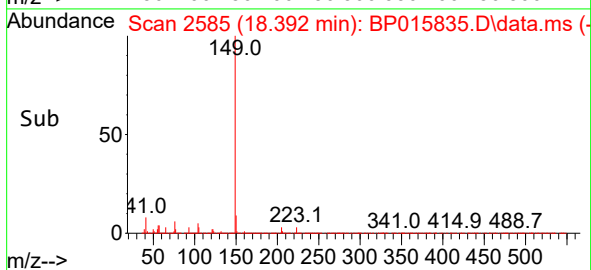
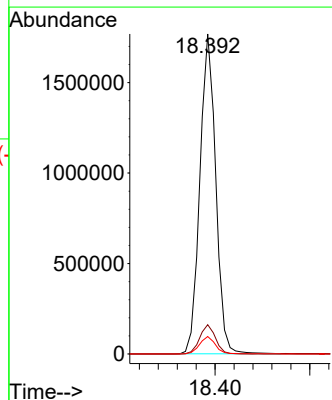
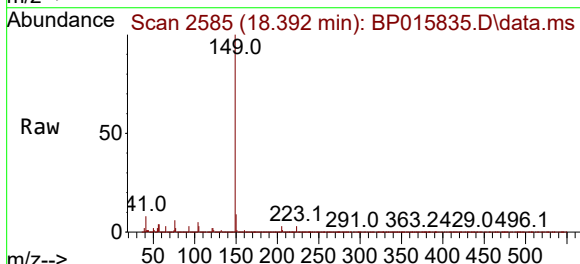
Instrument :
 BNA_P
 ClientSampleId :

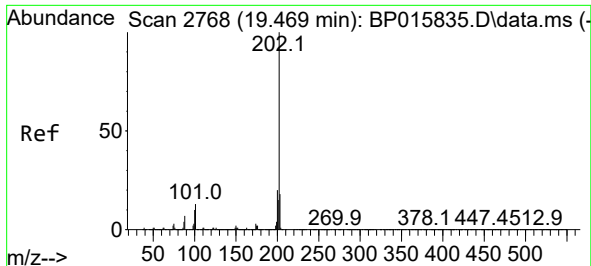
Tgt Ion:167 Resp: 1578320
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.5 11.0 16.4



#78
 Di-n-butylphthalate
 Concen: 22.906 ng/ul
 RT: 18.392 min Scan# 2585
 Delta R.T. 0.000 min
 Lab File: BP015835.D
 Acq: 30 Jun 2023 10:00

Tgt Ion:149 Resp: 2055773
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.5 4.6 7.0

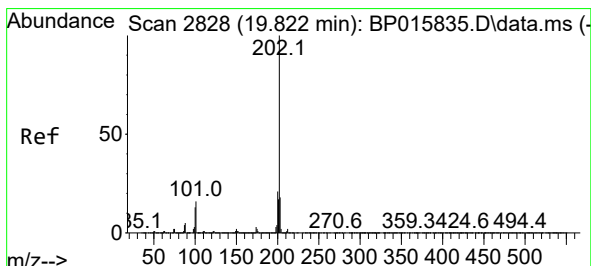
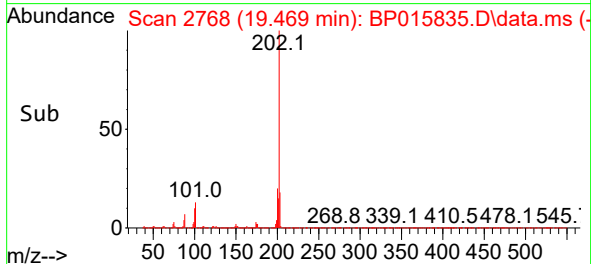
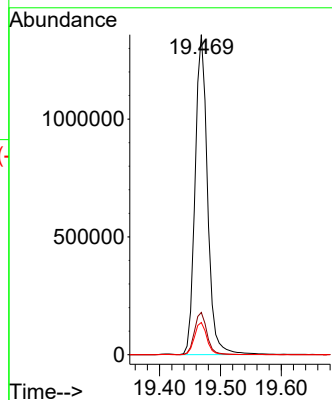
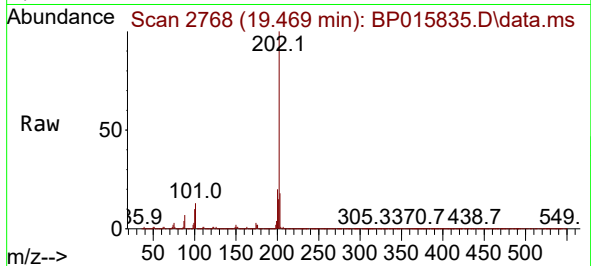




#80
Fluoranthene
Concen: 21.739 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

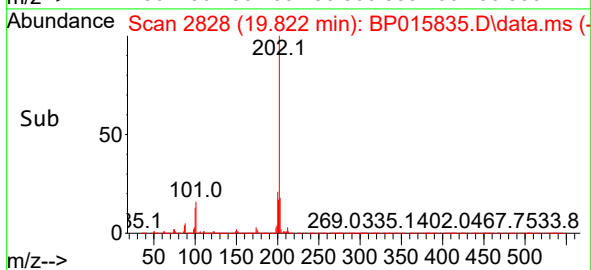
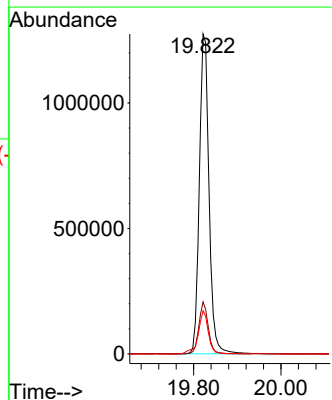
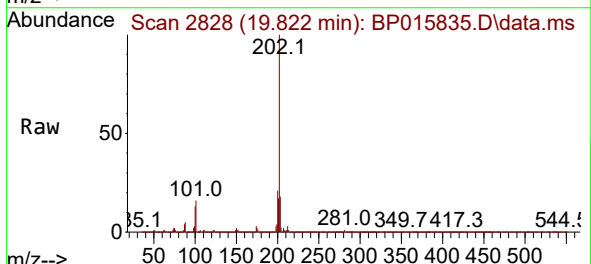
Instrument :
BNA_P
ClientSampleId :

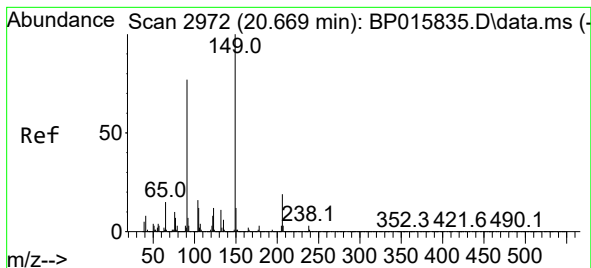
Tgt Ion:202 Resp: 1925274
Ion Ratio Lower Upper
202 100
101 13.2 8.3 12.5#
100 10.0 6.6 9.8#



#82
Pyrene
Concen: 21.702 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:202 Resp: 1960583
Ion Ratio Lower Upper
202 100
101 16.3 9.3 13.9#
100 13.5 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 24.553 ng/ul

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

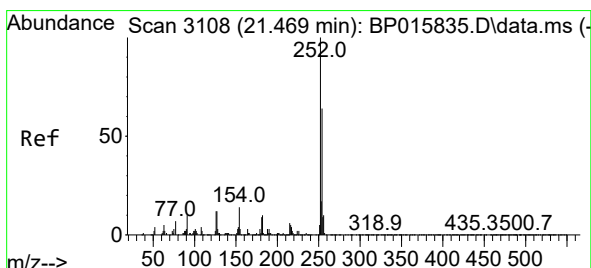
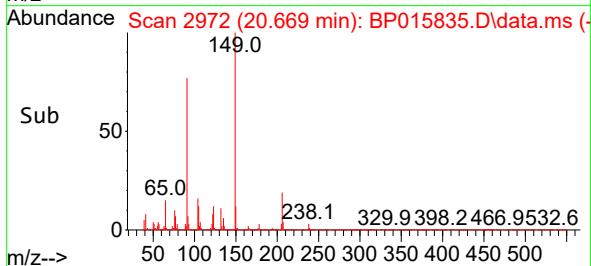
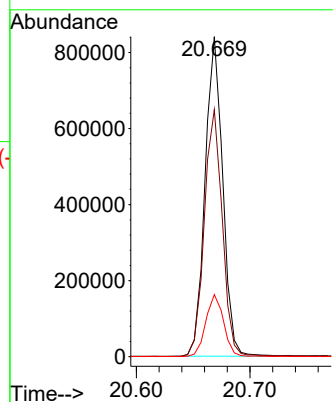
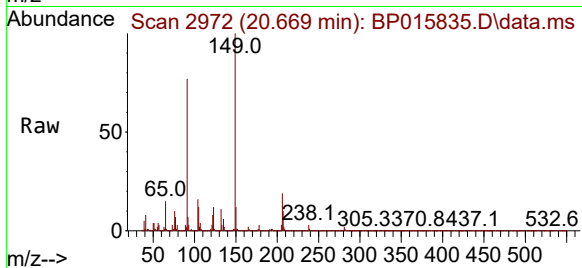
Tgt Ion:149 Resp: 904955

Ion Ratio Lower Upper

149 100

91 77.2 59.8 89.6

206 19.4 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 21.035 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

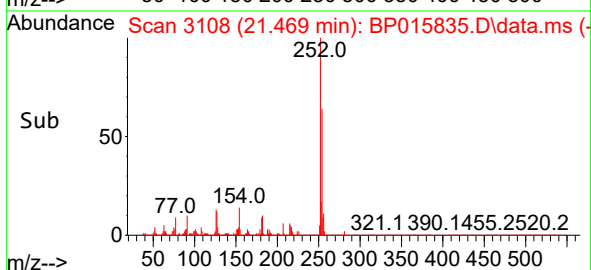
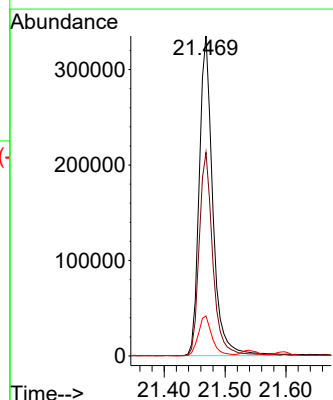
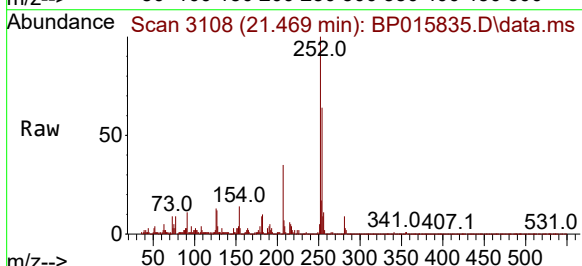
Tgt Ion:252 Resp: 518942

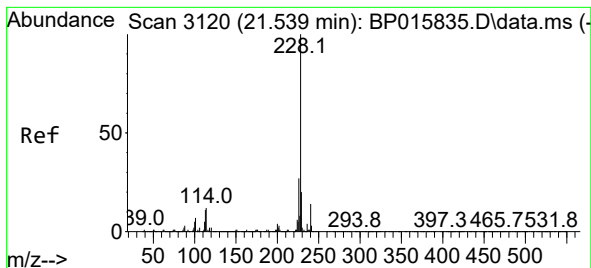
Ion Ratio Lower Upper

252 100

254 63.6 51.0 76.6

126 12.5 8.6 13.0





#85

Benzo(a)anthracene

Concen: 21.795 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

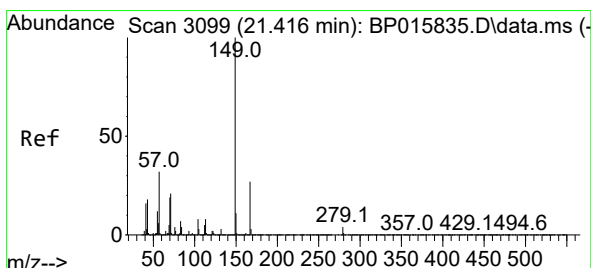
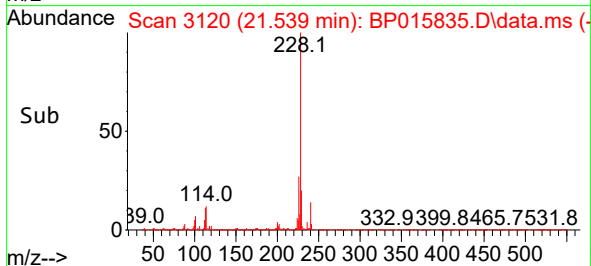
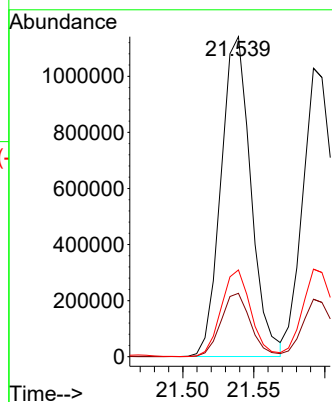
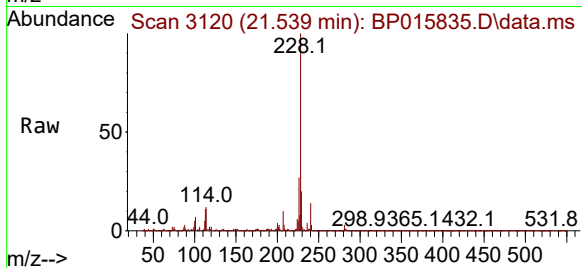
Tgt Ion:228 Resp: 1673219

Ion Ratio Lower Upper

228 100

229 19.8 15.3 22.9

226 27.1 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.953 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

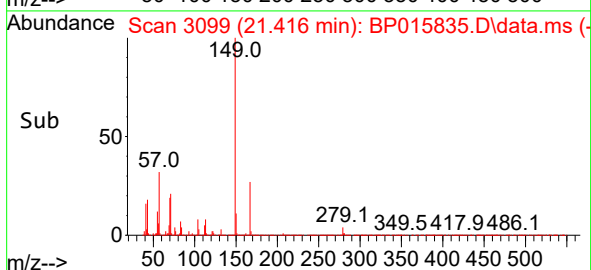
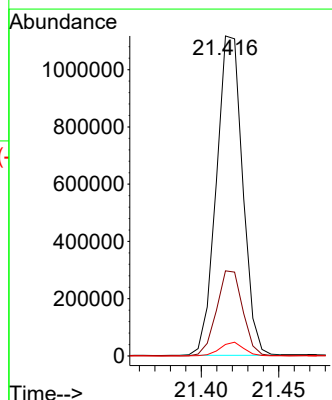
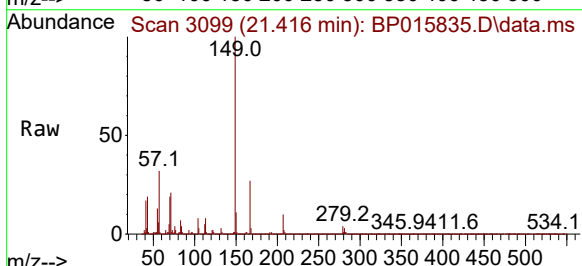
Tgt Ion:149 Resp: 1314580

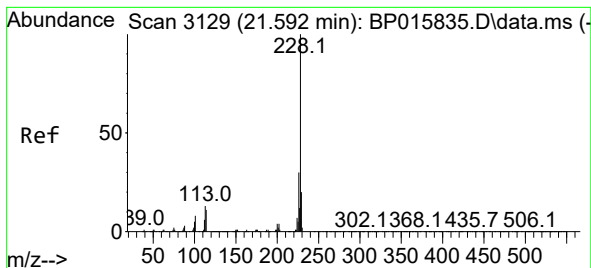
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.6

279 3.6 3.8 5.6#





#87

Chrysene

Concen: 21.703 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

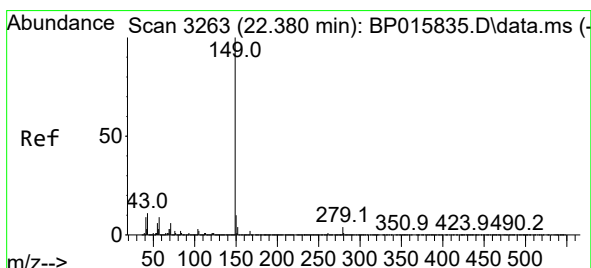
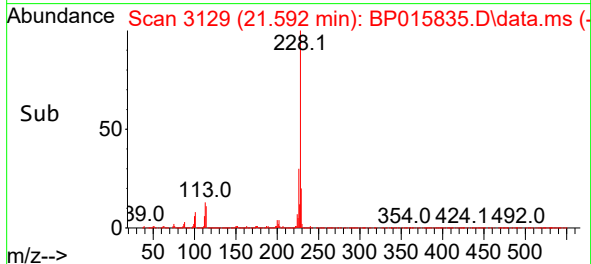
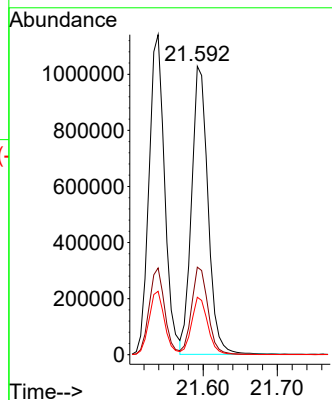
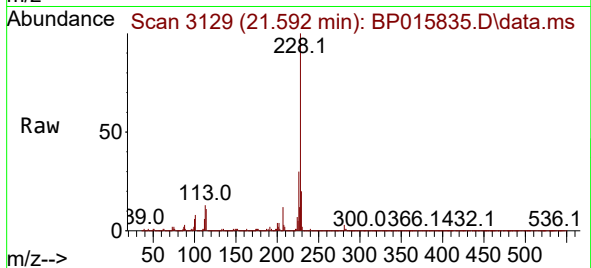
Tgt Ion:228 Resp: 1580737

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 26.866 ng/ul

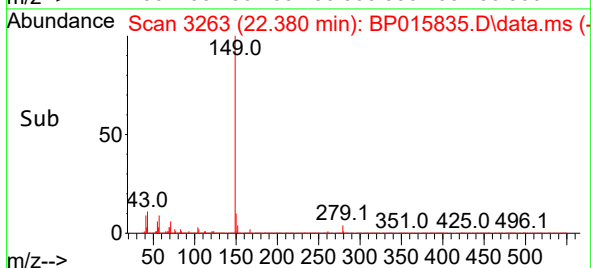
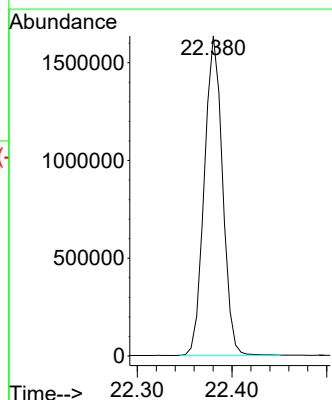
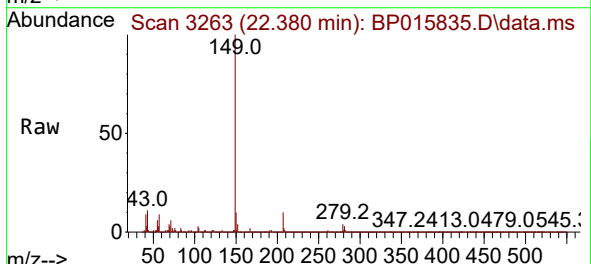
RT: 22.380 min Scan# 3263

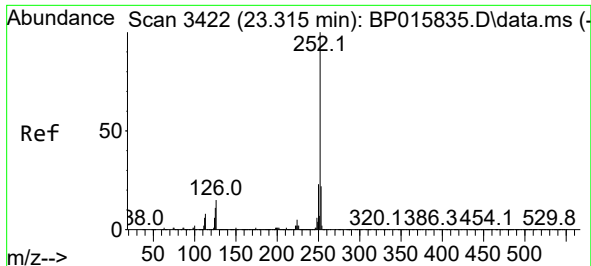
Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Tgt Ion:149 Resp: 2173431

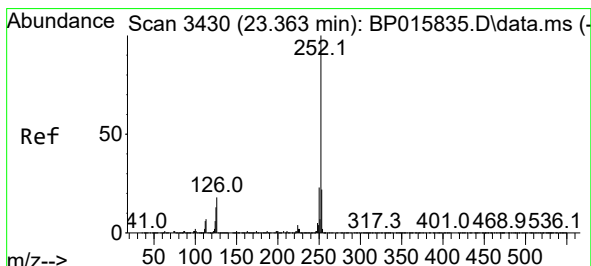
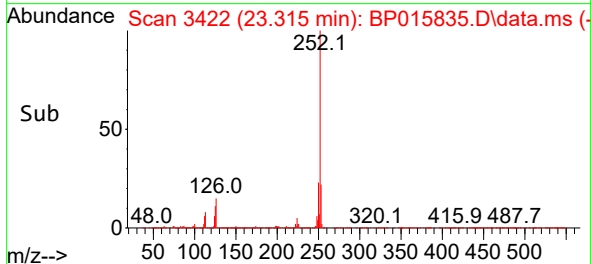
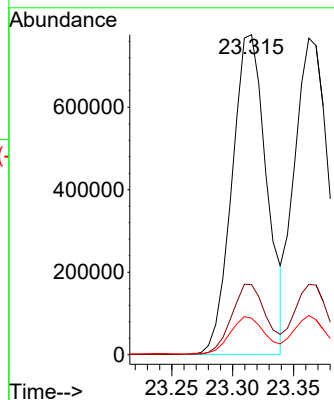
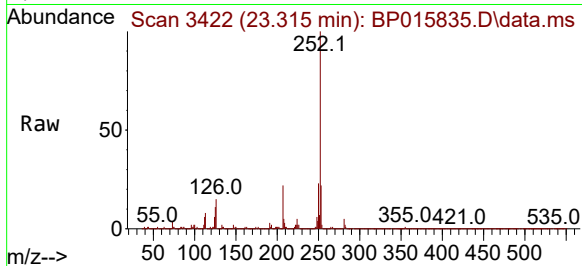




#90
Benzo(b)fluoranthene
Concen: 21.652 ng/ul
RT: 23.315 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

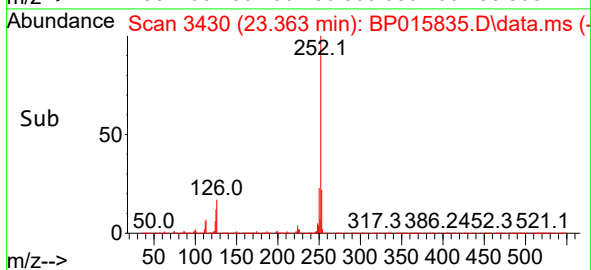
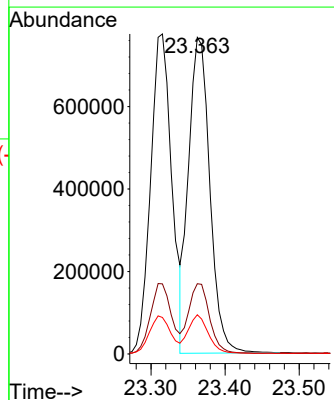
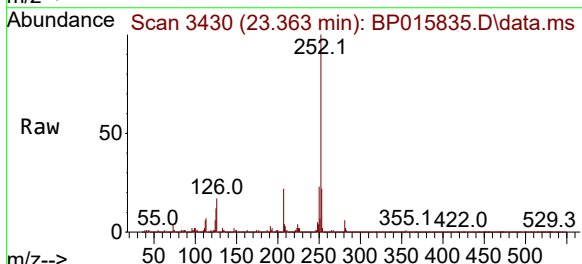
Instrument :
BNA_P
ClientSampleId :

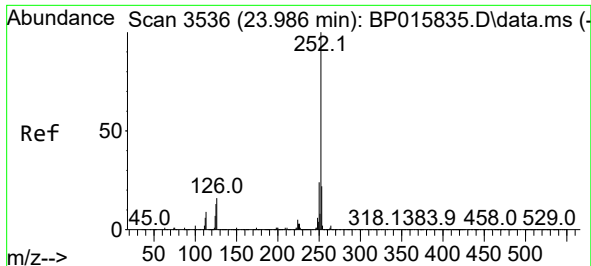
Tgt Ion:252 Resp: 1540072
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.4 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 21.285 ng/ul
RT: 23.363 min Scan# 3430
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:252 Resp: 1529651
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 12.4 7.3 10.9#

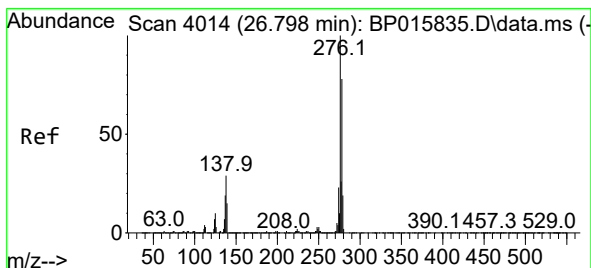
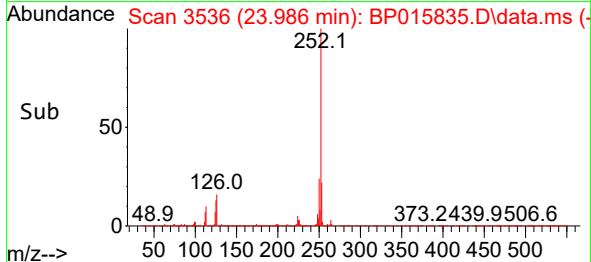
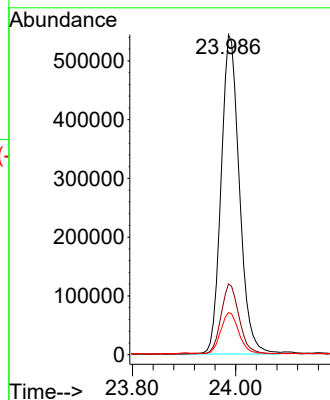
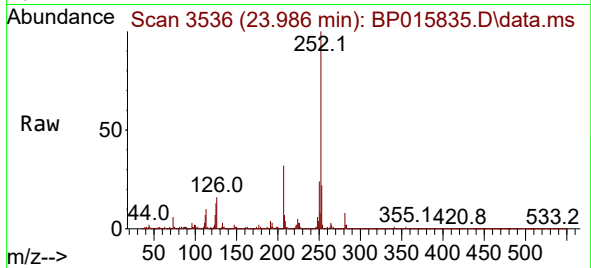




#93
Benzo(a)pyrene
Concen: 21.474 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

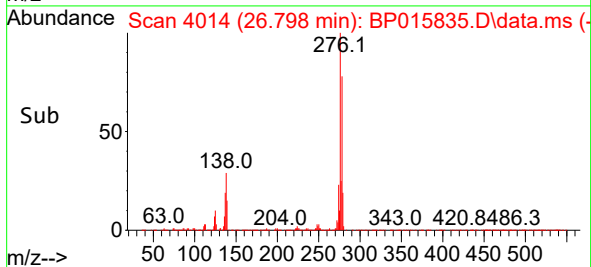
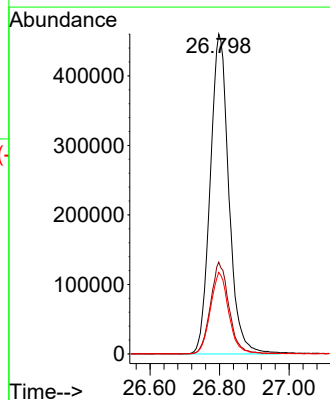
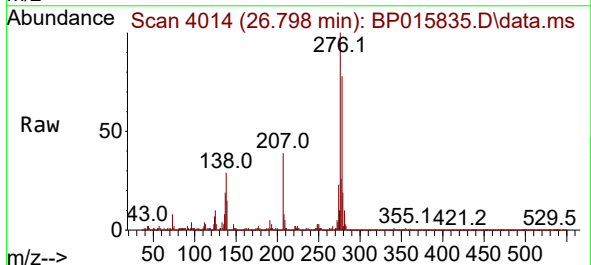
Instrument :
BNA_P
ClientSampleId :

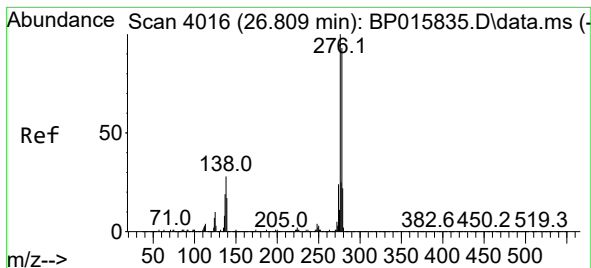
Tgt Ion:252 Resp: 1334591
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 13.1 8.2 12.2#



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.255 ng/ul
RT: 26.798 min Scan# 4014
Delta R.T. 0.000 min
Lab File: BP015835.D
Acq: 30 Jun 2023 10:00

Tgt Ion:276 Resp: 1708918
Ion Ratio Lower Upper
276 100
138 28.7 15.7 23.5#
277 25.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 20.278 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Instrument :

BNA_P

ClientSampleId :

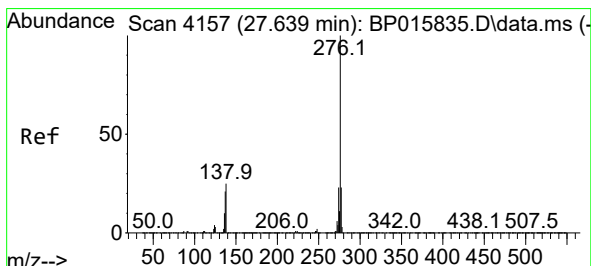
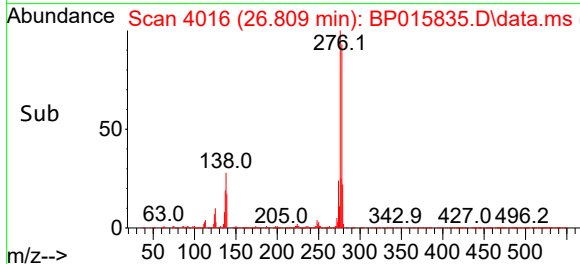
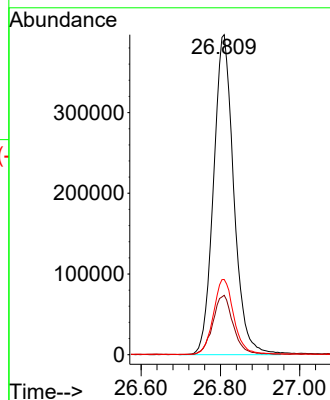
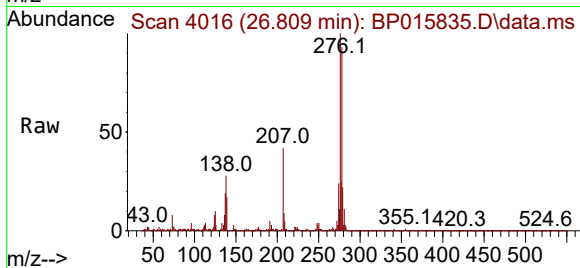
Tgt Ion:278 Resp: 1405240

Ion Ratio Lower Upper

278 100

139 18.5 10.5 15.7#

279 23.5 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 19.922 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.000 min

Lab File: BP015835.D

Acq: 30 Jun 2023 10:00

Tgt Ion:276 Resp: 1382793

Ion Ratio Lower Upper

276 100

138 24.7 15.1 22.7#

277 22.9 18.8 28.2

