

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015785.D
 Acq On : 28 Jun 2023 18:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 28 22:04:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	251643	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1054578	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.704	164	606415	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.469	188	1125987	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	822787	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	1009565	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	56560	8.087	ng/uL	0.00
4) Pyridine-d5	3.823	84	369630	20.965	ng/ul	0.00
7) Phenol-d5	7.222	99	456404	21.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	292505	21.959	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	345139	21.235	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	361862	21.275	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	178994	22.209	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	197115	20.955	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	353160	21.069	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	443055	20.576	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	971550	20.728	ng/ul	-0.01
49) Acenaphthylene-d8	14.404	160	1117455	21.208	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	105799	17.105	ng/ul	0.00
60) Fluorene-d10	15.698	176	785829	20.362	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.857	200	129497	18.701	ng/ul	0.00
73) Anthracene-d10	17.569	188	1068597	20.777	ng/ul	0.00
81) Pyrene-d10	19.798	212	1038770	19.334	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1042367	20.468	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	58421	7.762	ng/uL	98
5) Pyridine	3.846	79	386198	20.938	ng/ul	94
6) Benzaldehyde	7.199	77	203540	23.382	ng/ul	98
8) Phenol	7.252	94	475102	21.264	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.475	93	392173	22.061	ng/ul	98
12) 2-Chlorophenol	7.616	128	368722	21.354	ng/ul	97
13) 2-Methylphenol	8.516	108	361602	21.435	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	567311	23.365	ng/ul	98
16) Acetophenone	8.899	105	591933	21.170	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.875	70	326590	21.031	ng/ul	98
18) 4-Methylphenol	8.852	108	387149	21.360	ng/ul	100
19) Hexachloroethane	9.140	117	165046	20.695	ng/ul	97
22) Nitrobenzene	9.281	77	493172	21.790	ng/ul	99
23) Isophorone	9.810	82	914230	21.108	ng/ul	99
25) 2-Nitrophenol	10.005	139	215206	21.557	ng/ul	92
26) 2,4-Dimethylphenol	10.057	107	450790	20.541	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.287	93	541576	22.151	ng/ul	99
29) 2,4-Dichlorophenol	10.546	162	355643	21.341	ng/ul	100
30) Naphthalene	10.934	128	1198115	20.899	ng/ul	99
32) 4-Chloroaniline	11.063	127	463245	20.707	ng/ul	97
33) Hexachlorobutadiene	11.204	225	241977	19.228	ng/ul	99
34) Caprolactam	11.857	113	102535	20.115	ng/ul	95
35) 4-Chloro-3-methylphenol	12.187	107	399788	20.495	ng/ul	100
36) 2-Methylnaphthalene	12.540	142	789510	20.920	ng/ul	97

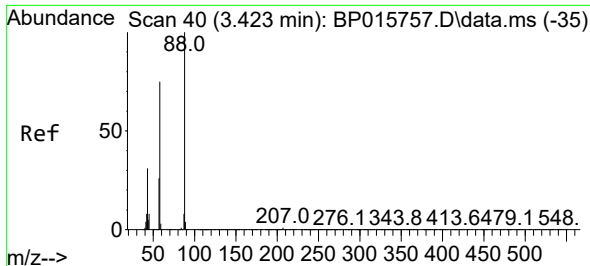
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	785566	20.405	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.910	216	429574	21.496	ng/ul	98
40) Hexachlorocyclopentadiene	12.869	237	121073	20.252	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	270553	21.423	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	289267	21.594	ng/ul	96
43) 1,1'-Biphenyl	13.540	154	1049156	21.843	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	816781	21.586	ng/ul	98
45) 2-Nitroaniline	13.810	65	258484	21.711	ng/ul	95
47) Dimethylphthalate	14.163	163	1010839	20.839	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	205848	20.920	ng/ul	100
50) Acenaphthylene	14.428	152	1230443	21.194	ng/ul	99
51) 3-Nitroaniline	14.645	138	166448	21.572	ng/ul	98
52) Acenaphthene	14.769	153	846944	21.038	ng/ul	97
53) 2,4-Dinitrophenol	14.875	184	77120	14.773	ng/ul	90
55) 4-Nitrophenol	14.963	109	93416	14.574	ng/ul	86
56) Dibenzofuran	15.110	168	1152667	20.625	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	266706	19.891	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.345	232	228435	19.854	ng/ul	99
59) Diethylphthalate	15.516	149	1001282	20.398	ng/ul	100
61) Fluorene	15.757	166	914779	20.180	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	465490	20.068	ng/ul	96
63) 4-Nitroaniline	15.816	138	97525	18.467	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.869	198	133813	19.099	ng/ul#	95
67) N-Nitrosodiphenylamine	15.963	169	766001	22.724	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	278233	21.639	ng/ul	92
69) Hexachlorobenzene	16.769	284	311197	20.512	ng/ul	99
70) Atrazine	16.922	200	270799	20.987	ng/ul	97
71) Pentachlorophenol	17.128	266	142894	19.624	ng/ul	95
72) Phenanthrene	17.510	178	1274639	20.838	ng/ul	100
74) Anthracene	17.604	178	1281962	20.857	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	433812	23.677	ng/uL	99
76) Pentachlorobenzene	15.028	250	407132	22.017	ng/uL	99
77) Carbazole	17.881	167	1067859	20.613	ng/ul	98
78) Di-n-butylphthalate	18.398	149	1495520	21.775	ng/ul	99
80) Fluoranthene	19.475	202	1299265	19.458	ng/ul	97
82) Pyrene	19.828	202	1313245	19.281	ng/ul	95
83) Butylbenzylphthalate	20.675	149	581771	20.936	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.469	252	398938	21.449	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1214167	20.978	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	835489	21.878	ng/ul	98
87) Chrysene	21.598	228	1163292	21.184	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	1400683	18.985	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	1269573	19.571	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	1318054	20.110	ng/ul	98
93) Benzo(a)pyrene	23.986	252	1174133	20.715	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.798	276	1624572	21.113	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.810	278	1335461	21.130	ng/ul	97
96) Benzo(g,h,i)perylene	27.633	276	1343826	21.229	ng/ul	98

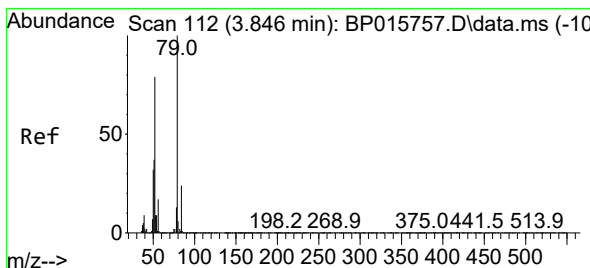
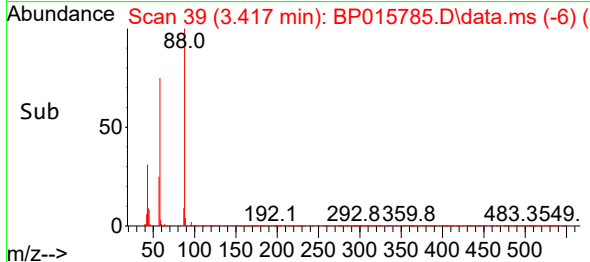
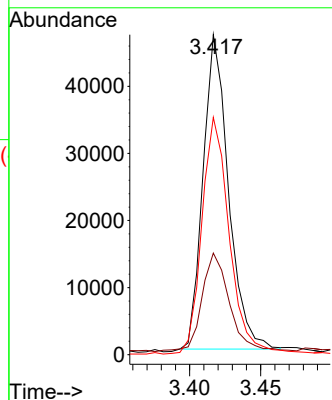
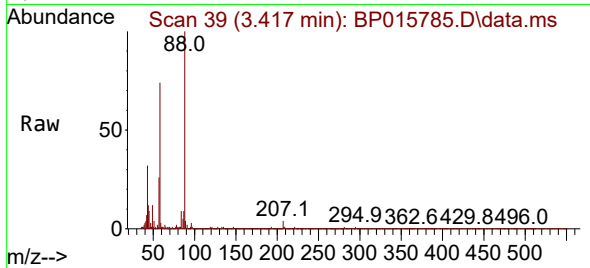
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#2
1,4-Dioxane
Concen: 7.762 ng/uL
RT: 3.417 min Scan# 39
Delta R.T. -0.005 min
Lab File: BP015785.D
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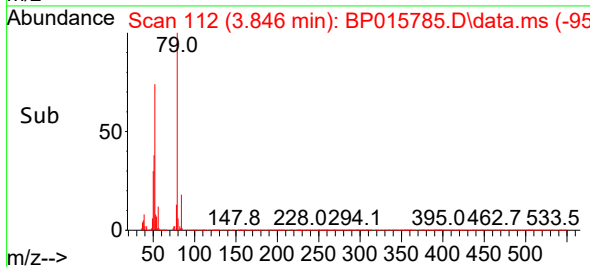
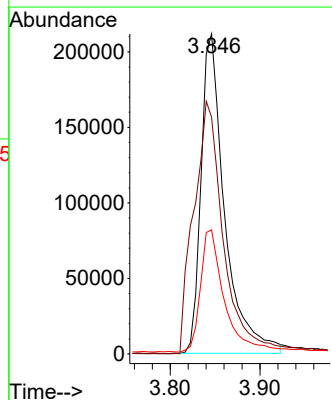
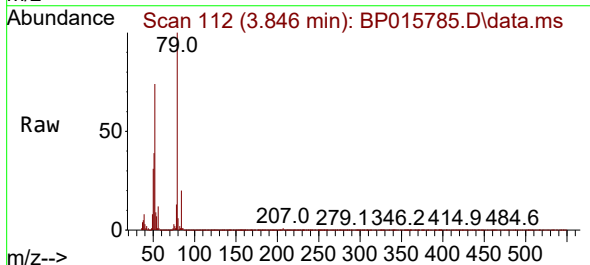
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ClientSampleId :

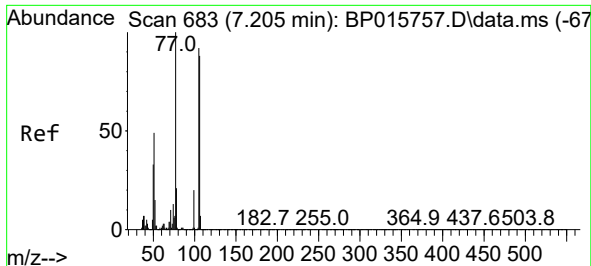
Tgt Ion: 88 Resp: 58421
Ion Ratio Lower Upper
88 100
43 31.7 27.4 41.2
58 74.2 59.8 89.8



#5
Pyridine
Concen: 20.938 ng/uL
RT: 3.846 min Scan# 112
Delta R.T. 0.000 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion: 79 Resp: 386198
Ion Ratio Lower Upper
79 100
52 74.0 65.5 98.3
51 38.8 31.8 47.8

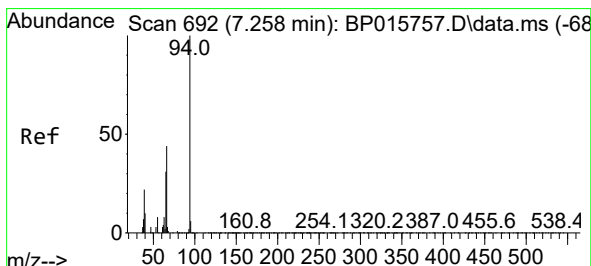
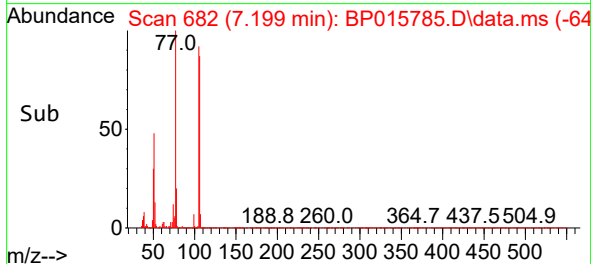
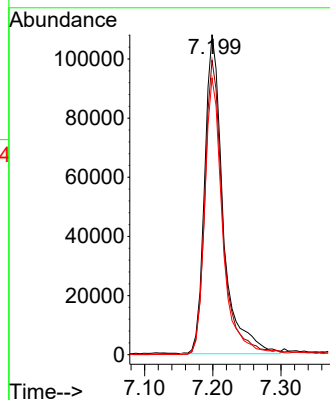
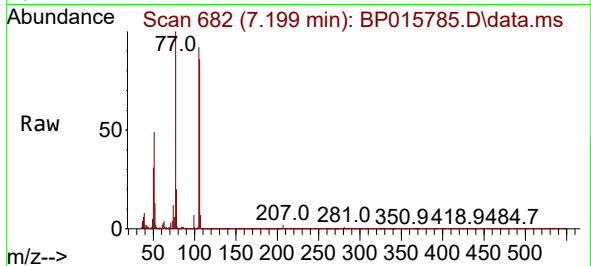




#6
Benzaldehyde
Concen: 23.382 ng/ul
RT: 7.199 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

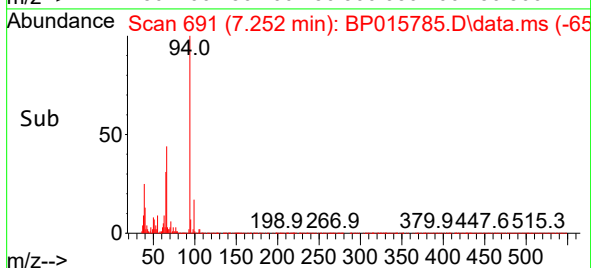
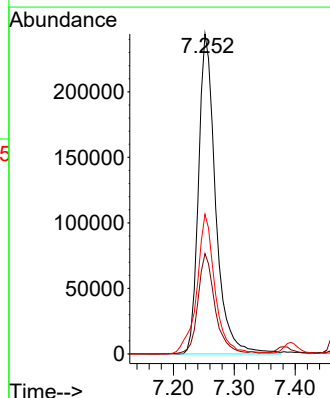
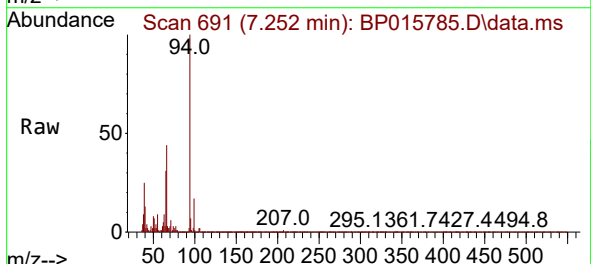
Instrument :
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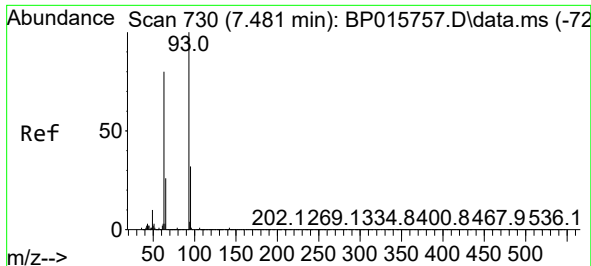
Tgt Ion: 77 Resp: 203540
Ion Ratio Lower Upper
77 100
105 92.0 73.4 110.0
106 86.5 66.6 100.0



#8
Phenol
Concen: 21.264 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion: 94 Resp: 475102
Ion Ratio Lower Upper
94 100
65 31.4 26.4 39.6
66 43.7 37.3 55.9

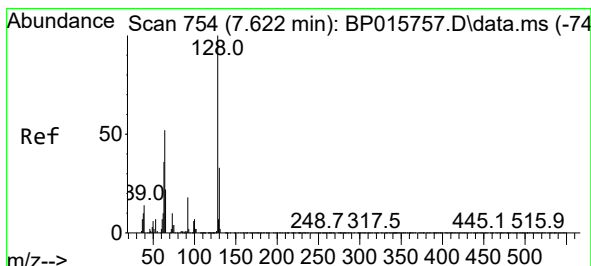
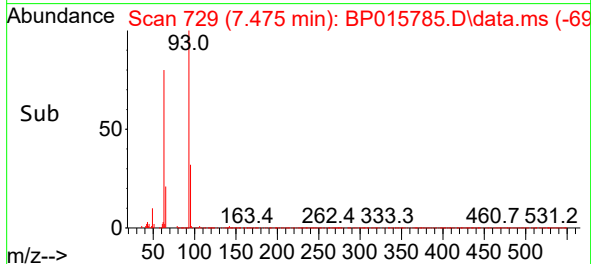
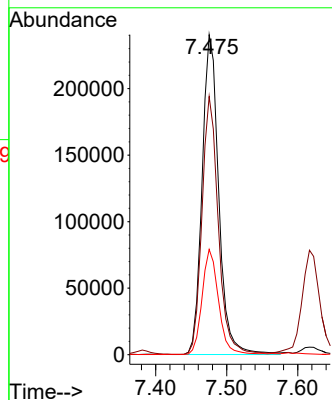
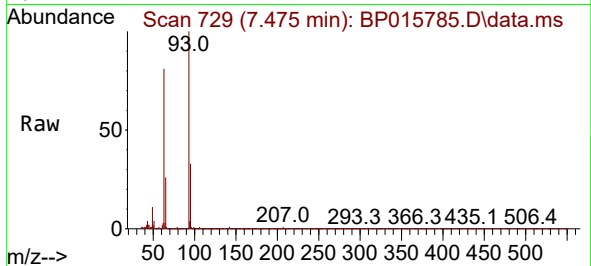




#10
Bis(2-Chloroethyl)ether
Concen: 22.061 ng/ul
RT: 7.475 min Scan# 710
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

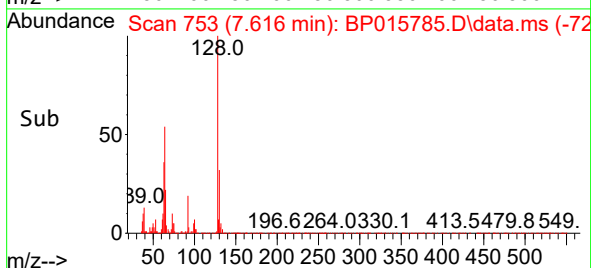
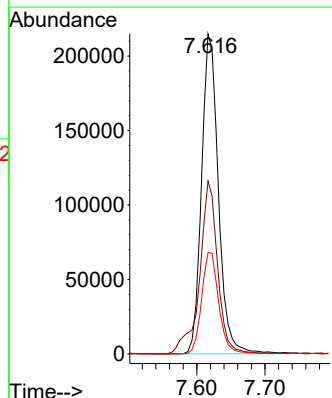
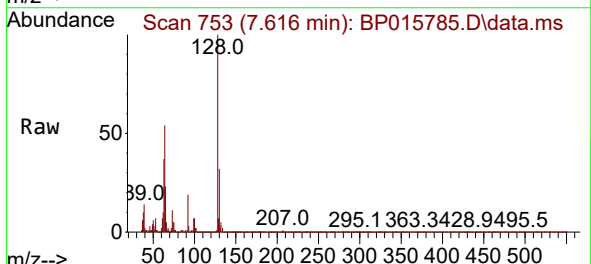
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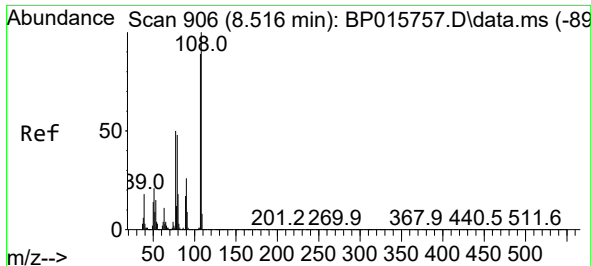
Tgt Ion: 93 Resp: 392173
Ion Ratio Lower Upper
93 100
63 80.7 62.8 94.2
95 32.9 25.6 38.4



#12
2-Chlorophenol
Concen: 21.354 ng/ul
RT: 7.616 min Scan# 753
Delta R.T. -0.012 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:128 Resp: 368722
Ion Ratio Lower Upper
128 100
64 54.0 41.2 61.8
130 31.7 26.0 39.0





#13

2-Methylphenol

Concen: 21.435 ng/ul

RT: 8.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

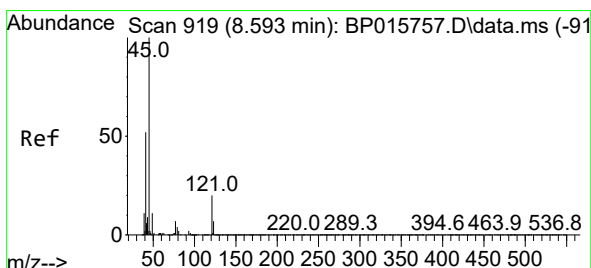
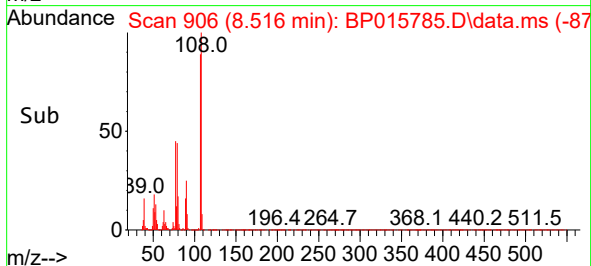
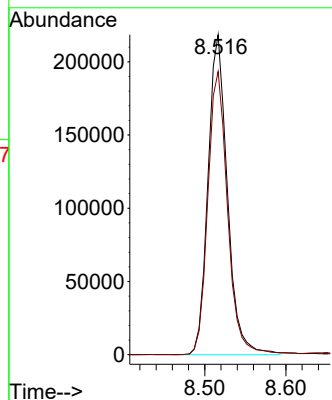
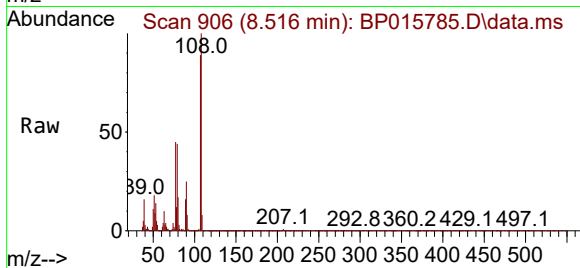
ClientSampleId :

Tgt Ion:108 Resp: 361602

Ion Ratio Lower Upper

108 100

107 88.5 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.365 ng/ul

RT: 8.593 min Scan# 919

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

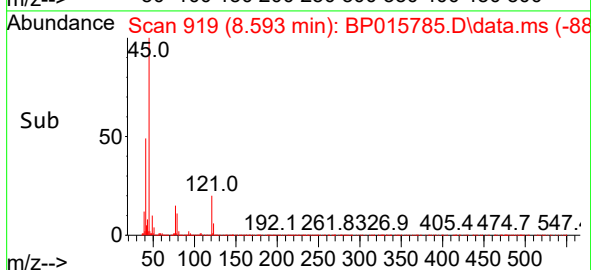
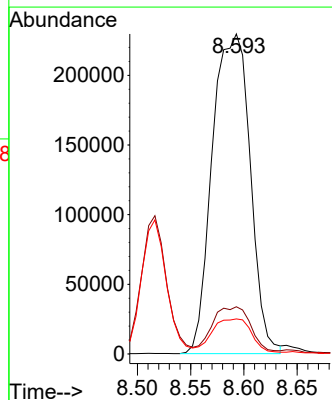
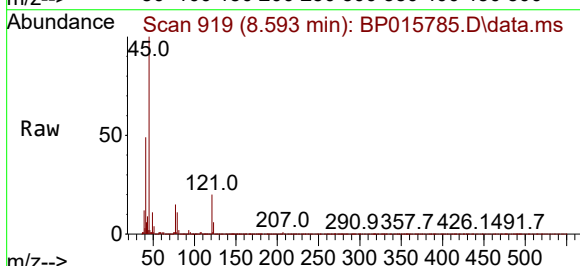
Tgt Ion: 45 Resp: 567311

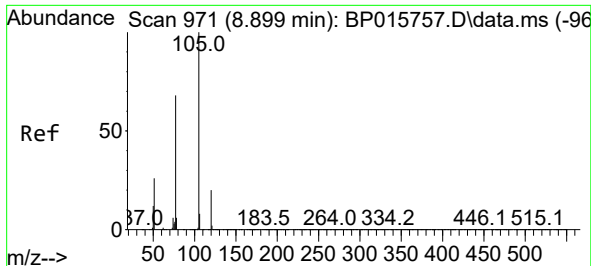
Ion Ratio Lower Upper

45 100

77 14.7 12.4 18.6

79 10.9 9.3 13.9

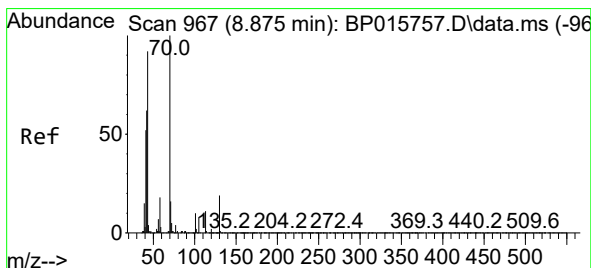
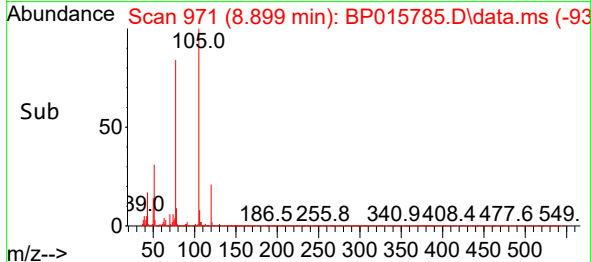
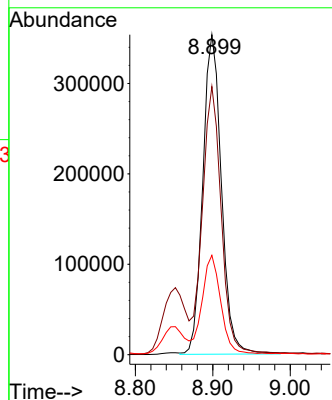
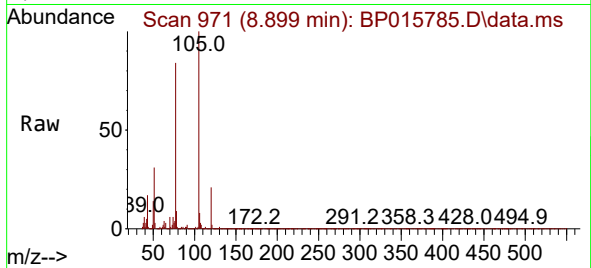




#16
Acetophenone
Concen: 21.170 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

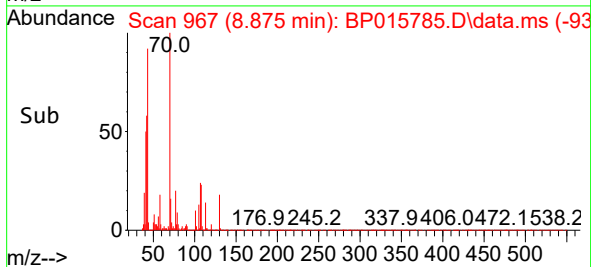
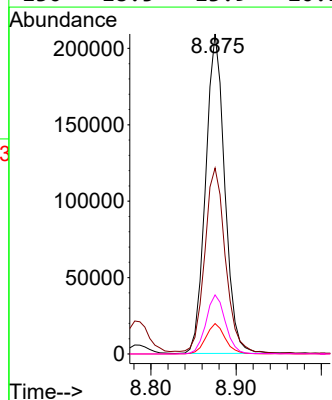
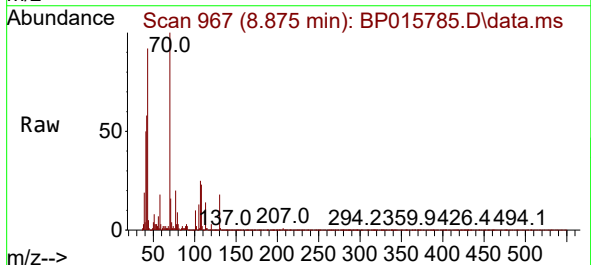
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BNA_P
ClientSampleId :

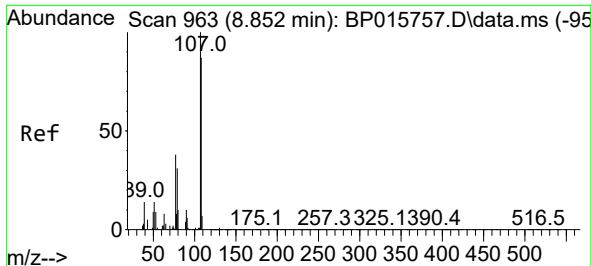
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Ion Ratio Lower Upper
105 100
77 83.8 65.0 97.4
51 31.0 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 21.031 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion: 70 Resp: 326590
Ion Ratio Lower Upper
70 100
42 58.1 48.2 72.2
101 9.5 7.6 11.4
130 18.5 13.9 20.9

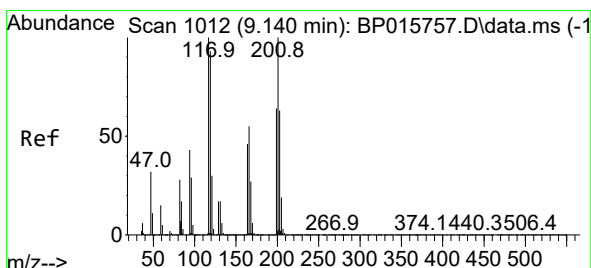
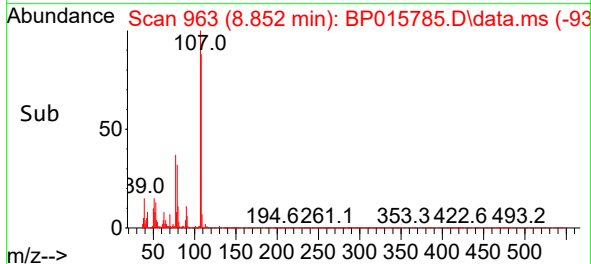
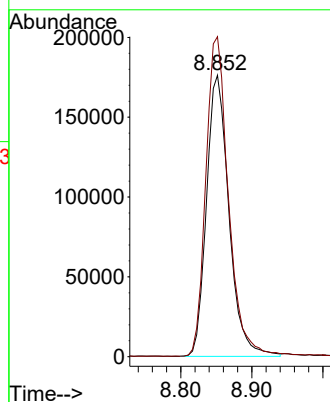
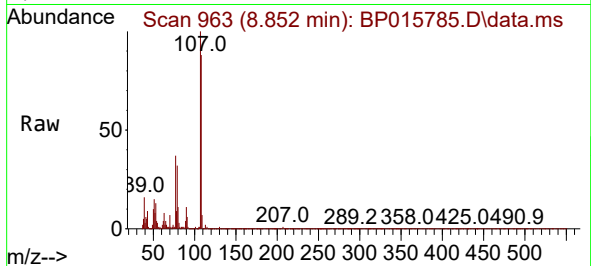




#18
4-Methylphenol
Concen: 21.360 ng/ul
RT: 8.852 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

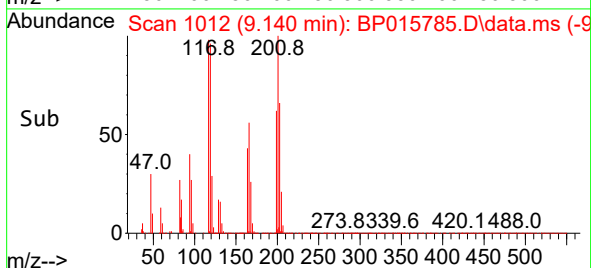
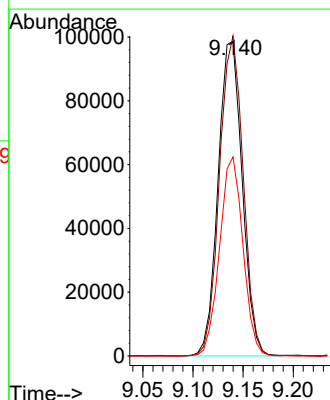
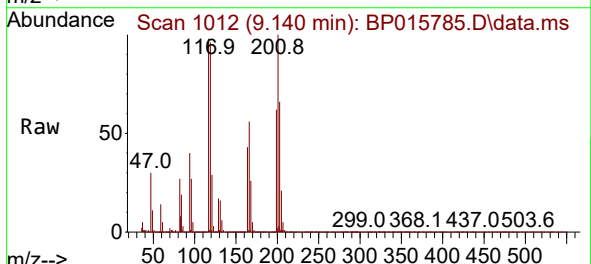
Instrument :
BNA_P
ClientSampleId :

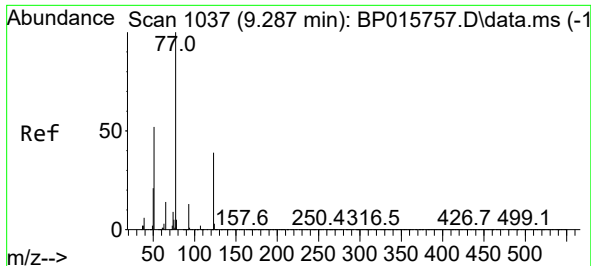
Tgt Ion:108 Resp: 387149
Ion Ratio Lower Upper
108 100
107 113.7 91.3 136.9



#19
Hexachloroethane
Concen: 20.695 ng/ul
RT: 9.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:117 Resp: 165046
Ion Ratio Lower Upper
117 100
201 101.7 84.2 126.2
199 63.3 51.8 77.8

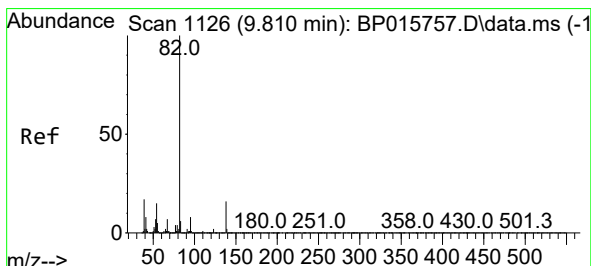
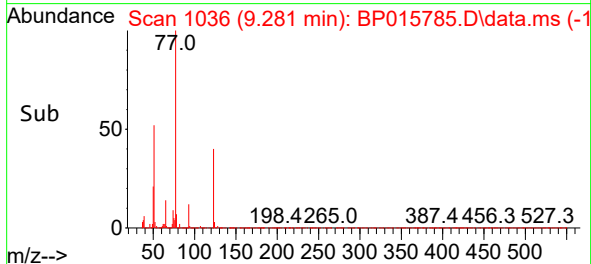
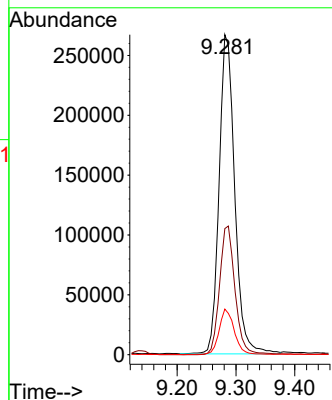
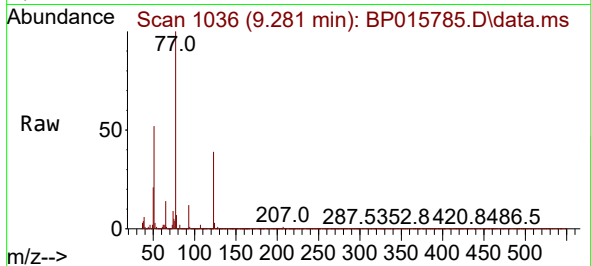




#22
Nitrobenzene
Concen: 21.790 ng/ul
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

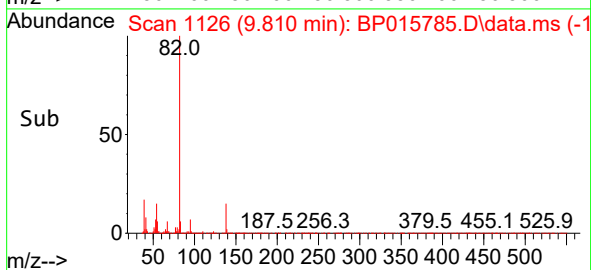
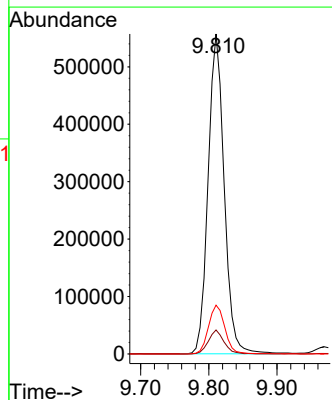
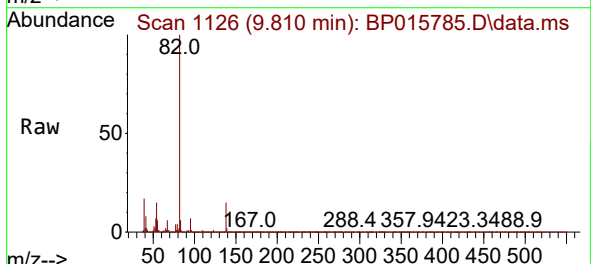
Instrument :
BNA_P
ClientSampleId :

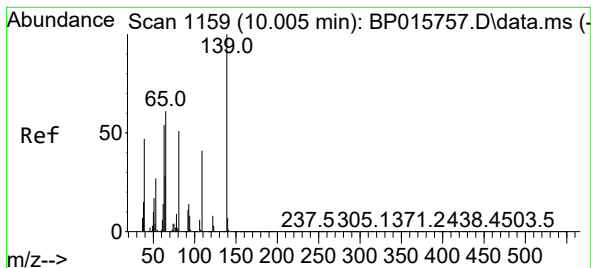
Tgt Ion: 77 Resp: 493172
Ion Ratio Lower Upper
77 100
123 39.4 31.0 46.4
65 14.2 11.3 16.9



#23
Isophorone
Concen: 21.108 ng/ul
RT: 9.810 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion: 82 Resp: 914230
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 15.3 12.3 18.5

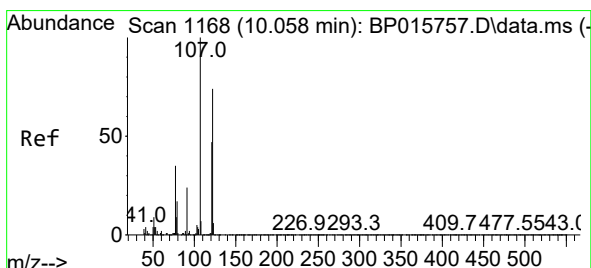
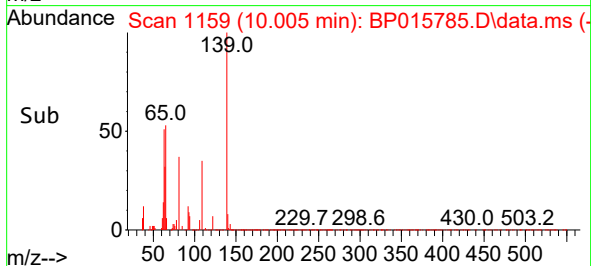
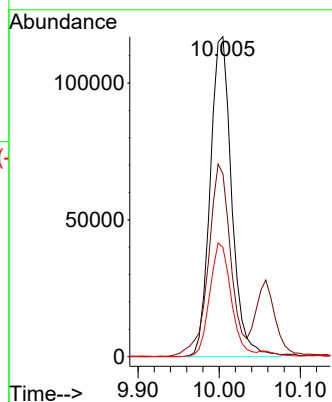
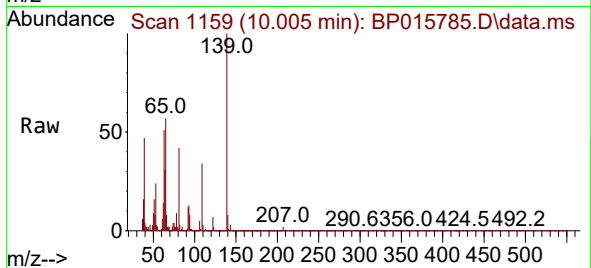




#25
2-Nitrophenol
Concen: 21.557 ng/ul
RT: 10.005 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

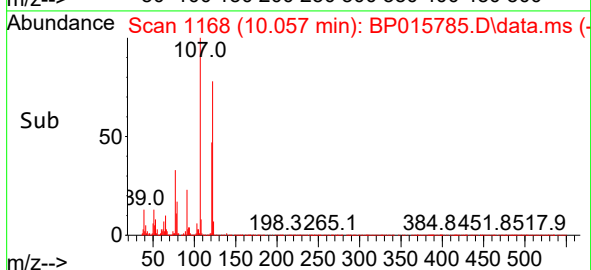
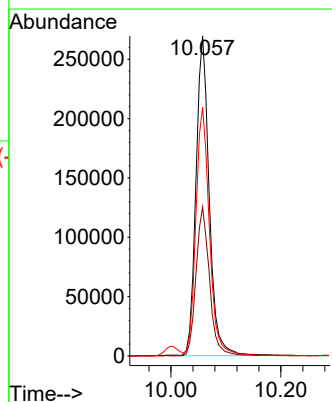
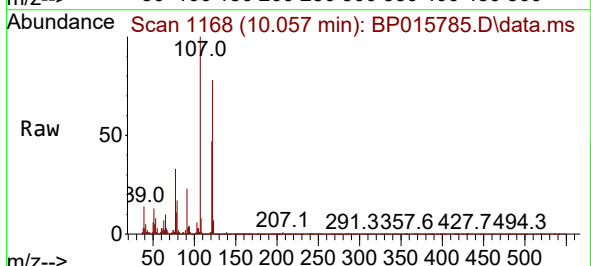
Instrument :
BNA_P
ClientSampleId :

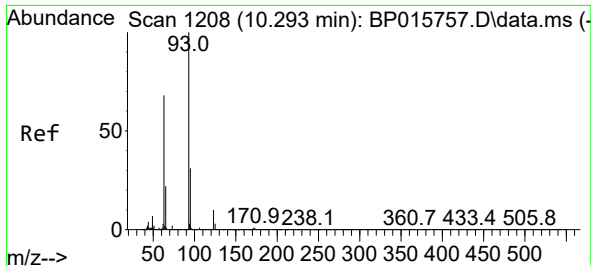
Tgt Ion:139 Resp: 215206
Ion Ratio Lower Upper
139 100
65 57.2 50.2 75.2
109 34.2 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 20.541 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:107 Resp: 450790
Ion Ratio Lower Upper
107 100
121 46.5 38.2 57.2
122 77.7 62.1 93.1

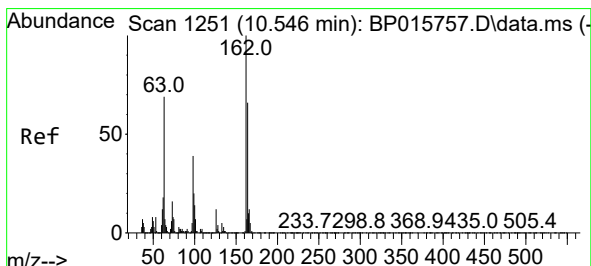
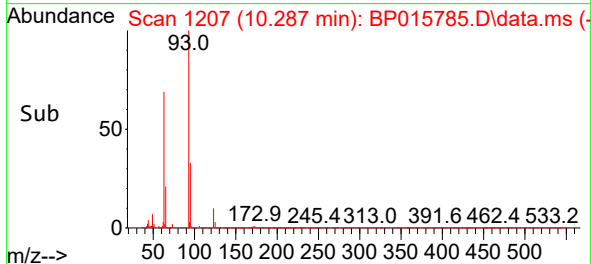
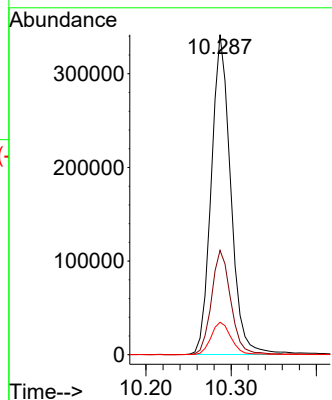
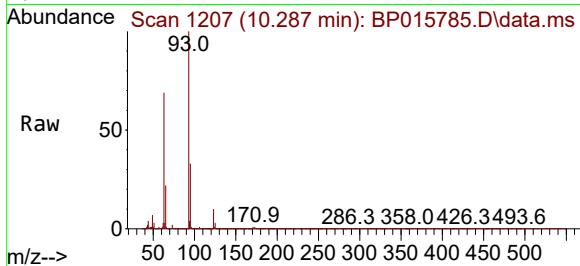




#27
Bis(2-Chloroethoxy)methane
Concen: 22.151 ng/ul
RT: 10.287 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

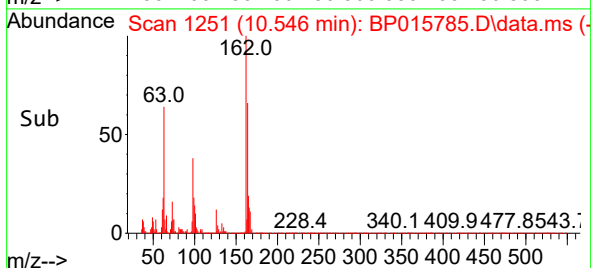
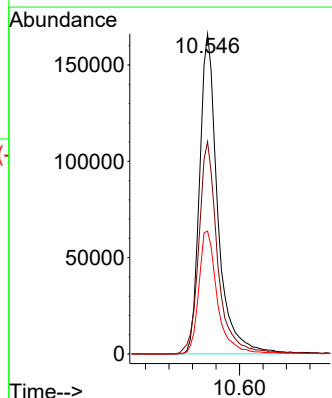
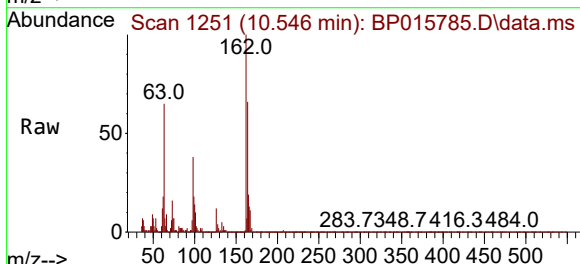
Instrument :
BNA_P
ClientSampleId :

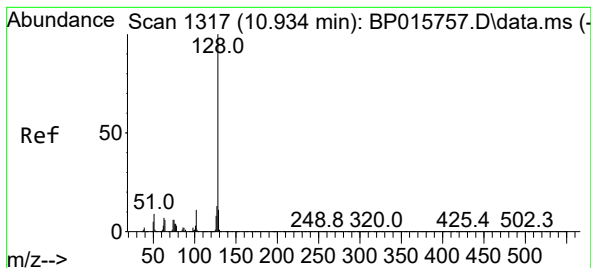
Tgt Ion: 93 Resp: 541576
Ion Ratio Lower Upper
93 100
95 32.6 26.6 39.8
123 10.2 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 21.341 ng/ul
RT: 10.546 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:162 Resp: 355643
Ion Ratio Lower Upper
162 100
164 66.3 53.0 79.6
98 38.4 31.3 46.9

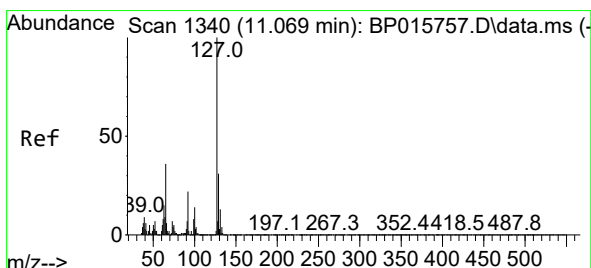
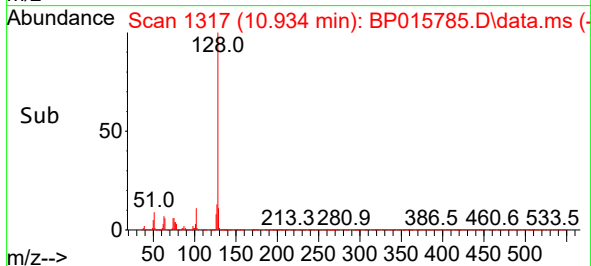
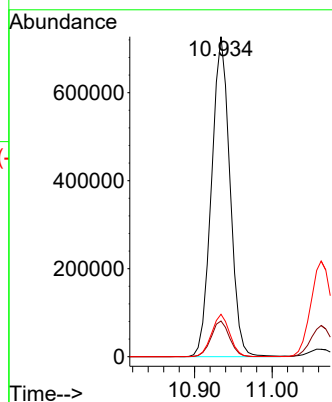
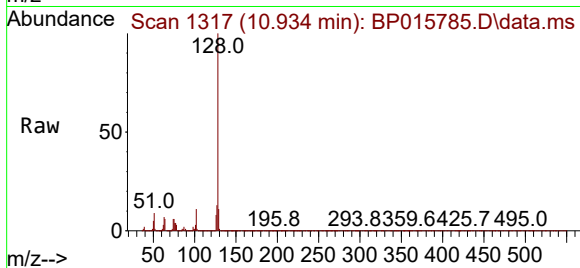




#30
Naphthalene
Concen: 20.899 ng/ul
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

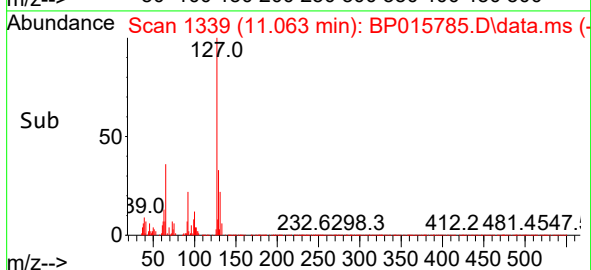
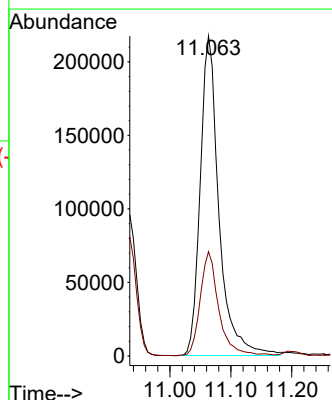
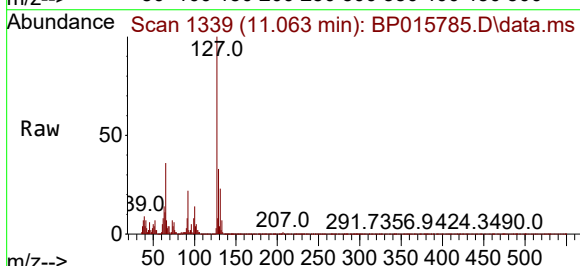
Instrument :
BNA_P
ClientSampleId :

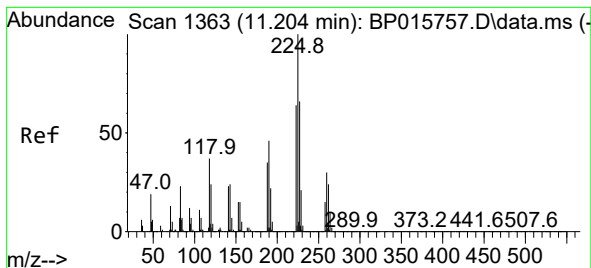
Tgt Ion:128 Resp: 1198115
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 20.707 ng/ul
RT: 11.063 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:127 Resp: 463245
Ion Ratio Lower Upper
127 100
129 32.6 24.7 37.1





#33

Hexachlorobutadiene

Concen: 19.228 ng/ul

RT: 11.204 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

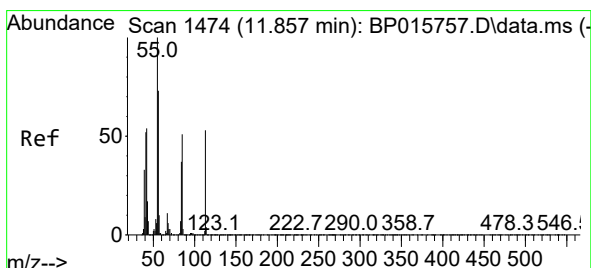
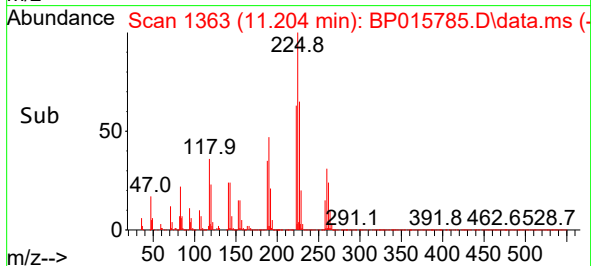
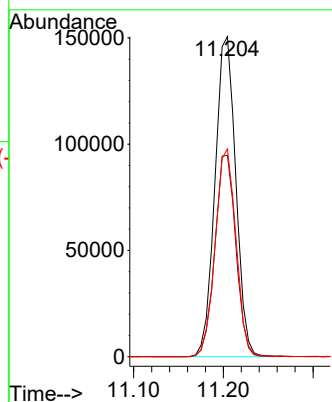
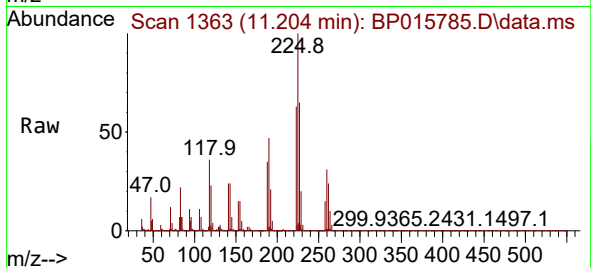
Tgt Ion:225 Resp: 241977

Ion Ratio Lower Upper

225 100

223 62.9 50.4 75.6

227 64.9 51.0 76.4



#34

Caprolactam

Concen: 20.115 ng/ul

RT: 11.857 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

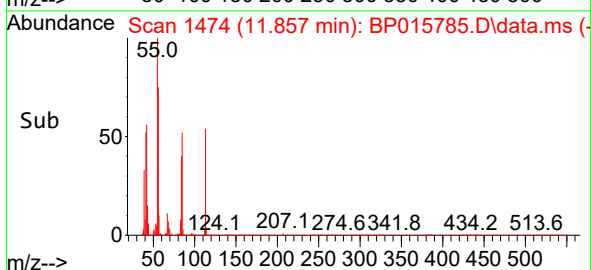
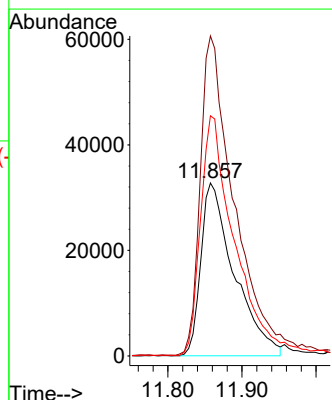
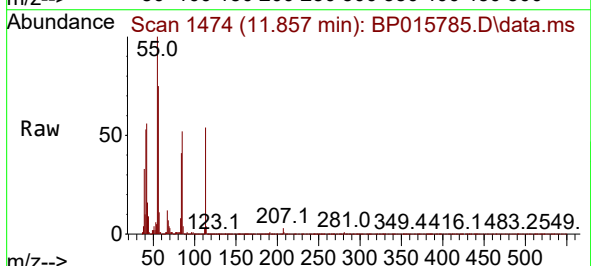
Tgt Ion:113 Resp: 102535

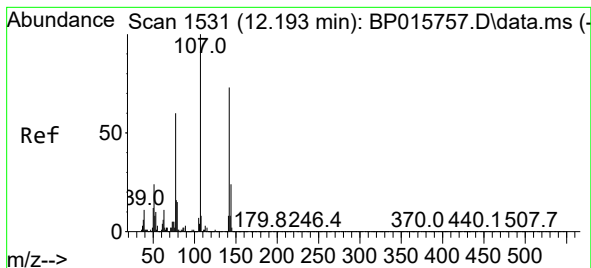
Ion Ratio Lower Upper

113 100

55 184.9 142.8 214.2

56 138.8 116.9 175.3

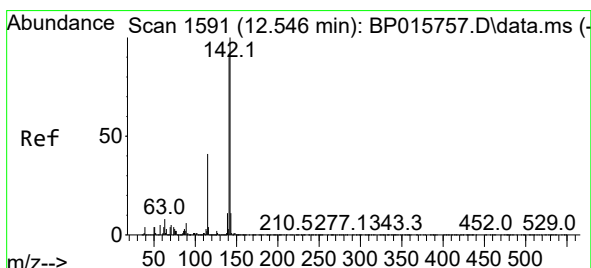
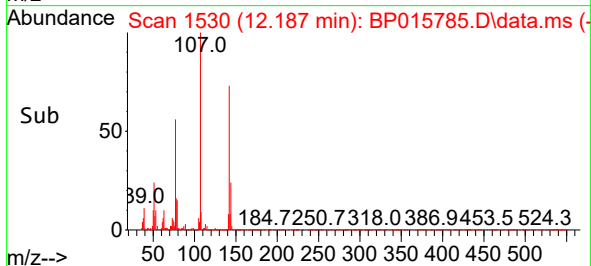
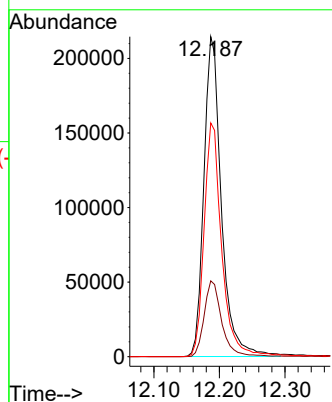
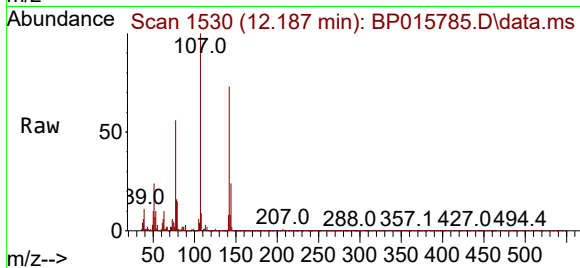




#35
4-Chloro-3-methylphenol
Concen: 20.495 ng/ul
RT: 12.187 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

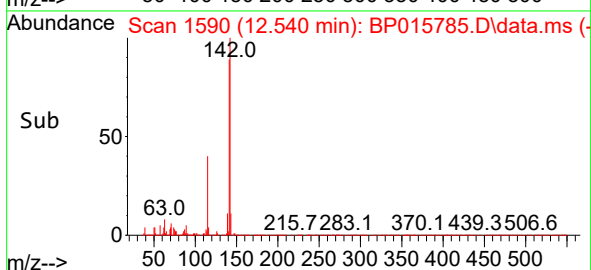
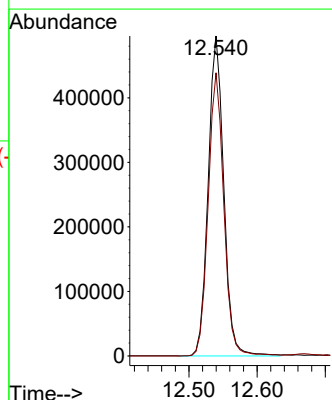
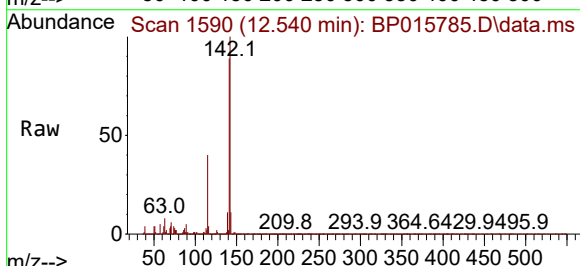
Instrument :
BNA_P
ClientSampleId :

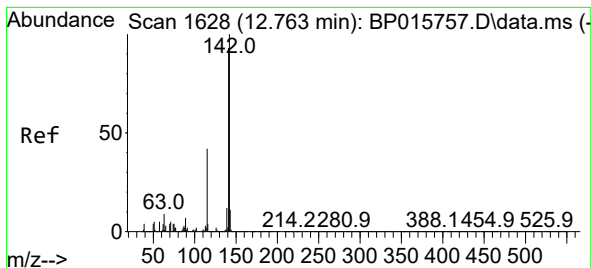
Tgt Ion:107 Resp: 399788
Ion Ratio Lower Upper
107 100
144 23.7 18.4 27.6
142 73.0 58.6 87.8



#36
2-Methylnaphthalene
Concen: 20.920 ng/ul
RT: 12.540 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:142 Resp: 789510
Ion Ratio Lower Upper
142 100
141 88.5 73.2 109.8





#37

1-Methylnaphthalene

Concen: 20.405 ng/ul

RT: 12.757 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

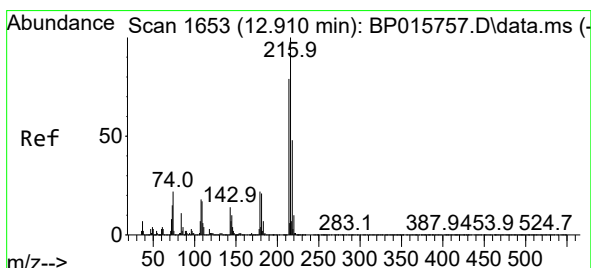
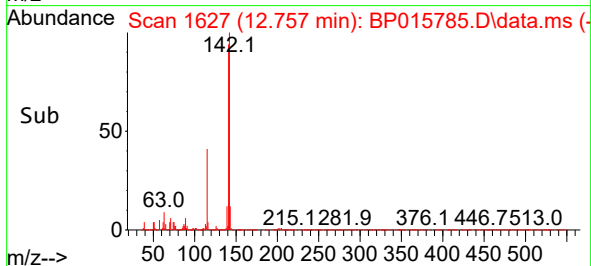
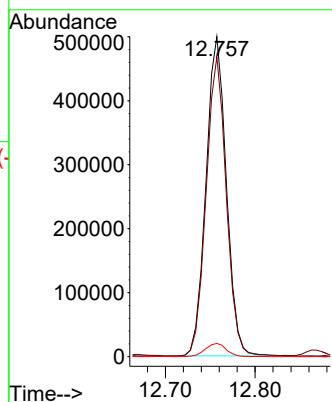
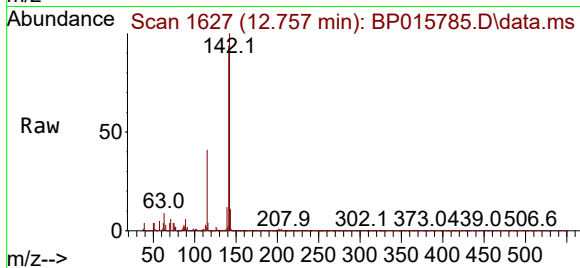
Tgt Ion:142 Resp: 785566

Ion Ratio Lower Upper

142 100

141 93.8 73.1 109.7

116 4.2 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.496 ng/ul

RT: 12.910 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Tgt Ion:216 Resp: 429574

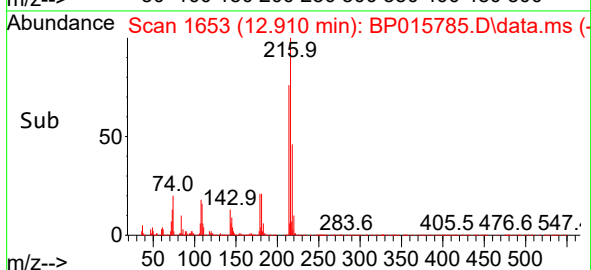
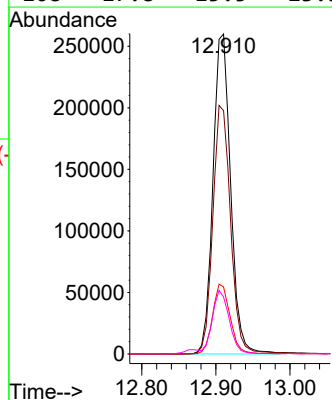
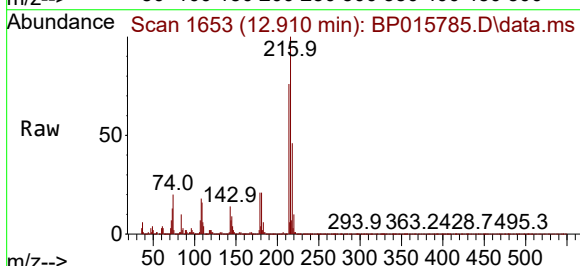
Ion Ratio Lower Upper

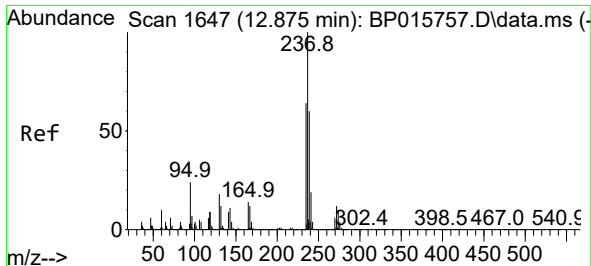
216 100

214 76.1 62.4 93.6

179 20.9 17.6 26.4

108 17.8 15.5 23.3

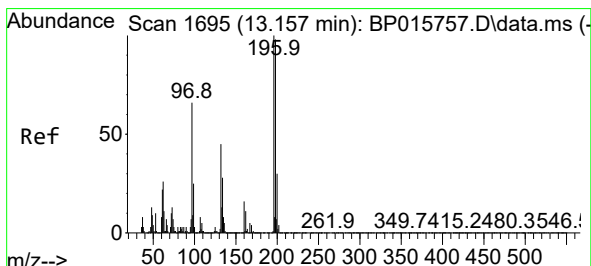
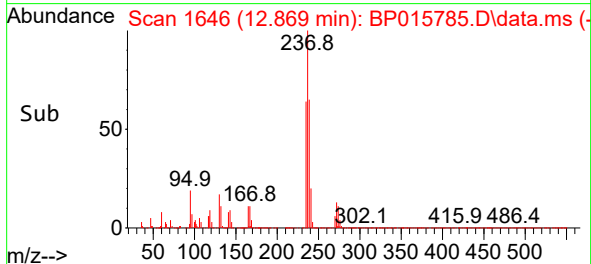
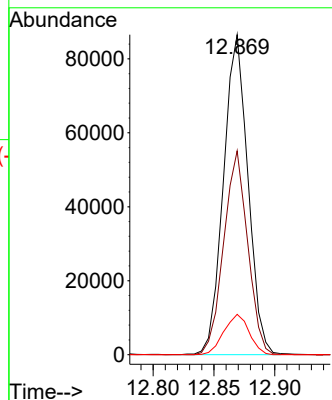
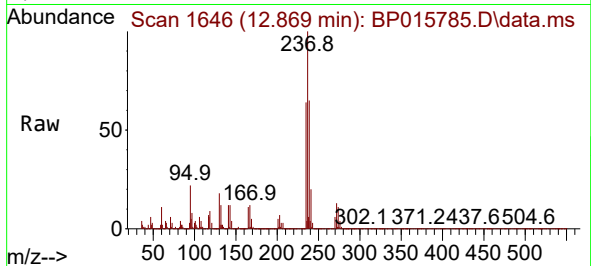




#40
Hexachlorocyclopentadiene
Concen: 20.252 ng/ul
RT: 12.869 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

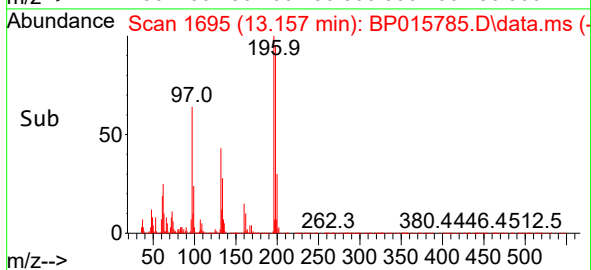
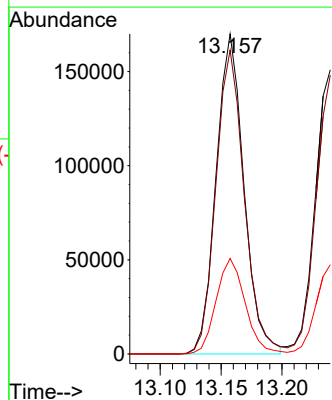
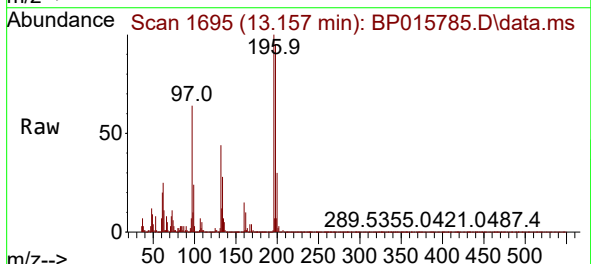
Instrument :
BNA_P
ClientSampleId :

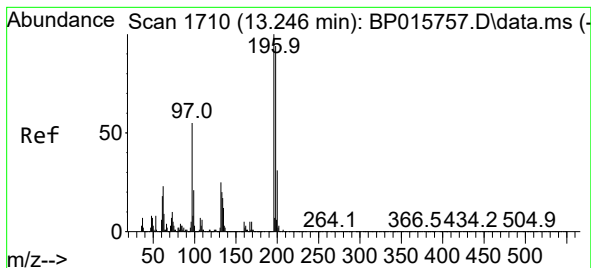
Tgt Ion:237 Resp: 121073
Ion Ratio Lower Upper
237 100
235 63.7 48.6 73.0
272 13.2 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 21.423 ng/ul
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:196 Resp: 270553
Ion Ratio Lower Upper
196 100
198 95.0 75.4 113.2
200 29.8 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 21.594 ng/ul

RT: 13.240 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

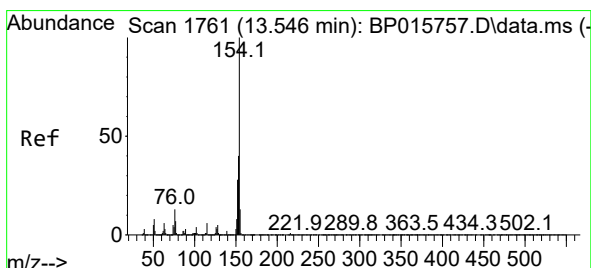
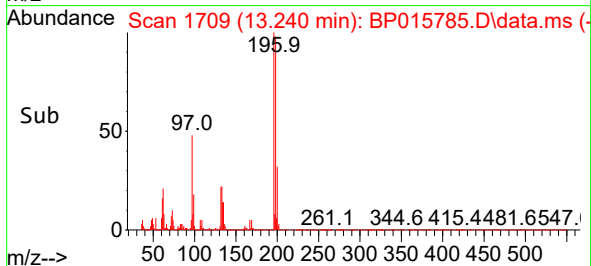
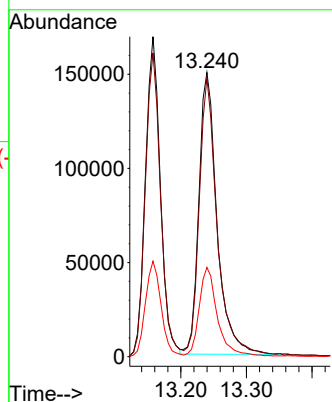
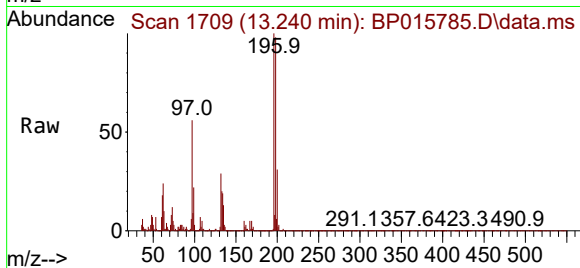
Tgt Ion:196 Resp: 289267

Ion Ratio Lower Upper

196 100

198 98.1 74.9 112.3

200 31.4 24.3 36.5



#43

1,1'-Biphenyl

Concen: 21.843 ng/ul

RT: 13.540 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

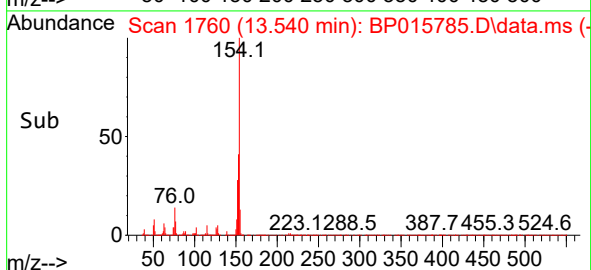
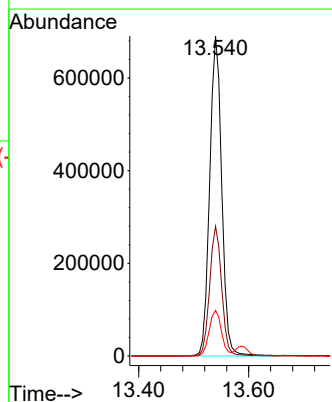
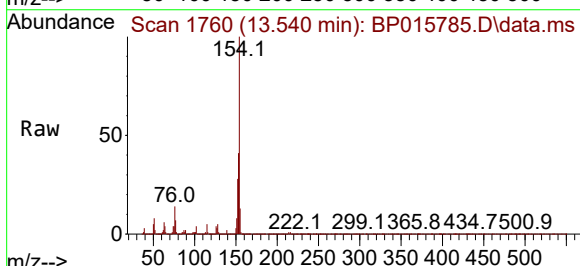
Tgt Ion:154 Resp: 1049156

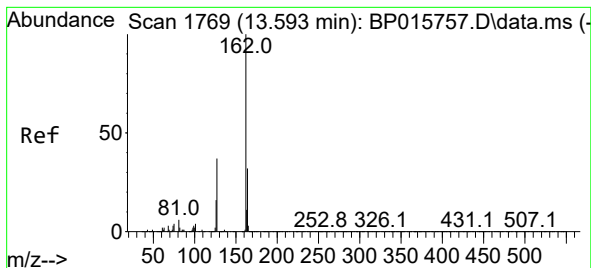
Ion Ratio Lower Upper

154 100

153 40.5 32.8 49.2

76 14.2 10.7 16.1





#44

2-Chloronaphthalene

Concen: 21.586 ng/ul

RT: 13.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

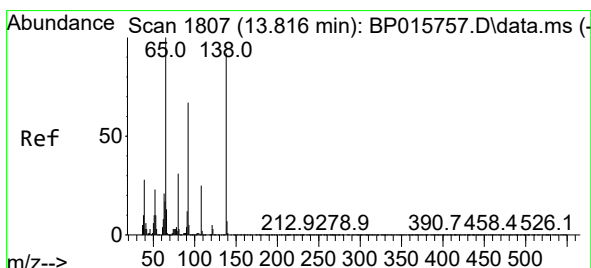
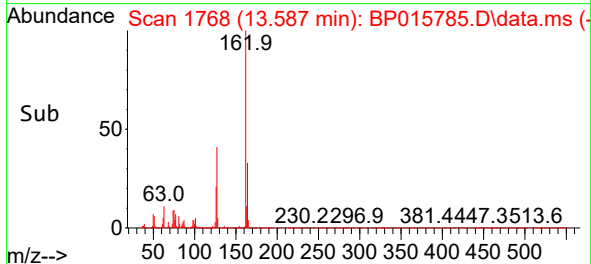
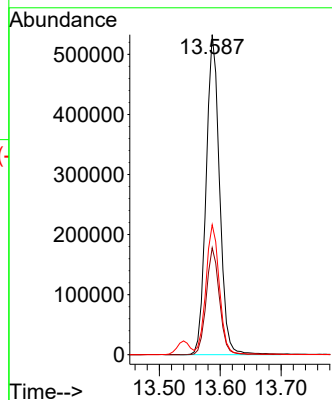
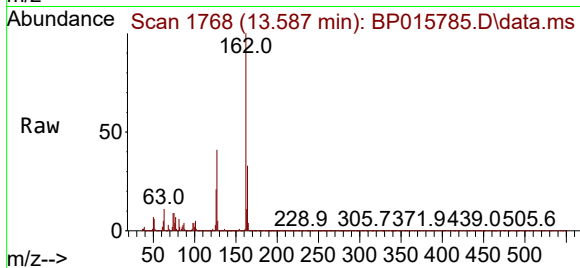
Tgt Ion:162 Resp: 816781

Ion Ratio Lower Upper

162 100

164 33.4 26.1 39.1

127 40.6 33.4 50.0



#45

2-Nitroaniline

Concen: 21.711 ng/ul

RT: 13.810 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

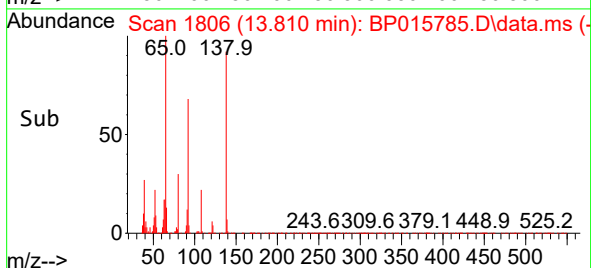
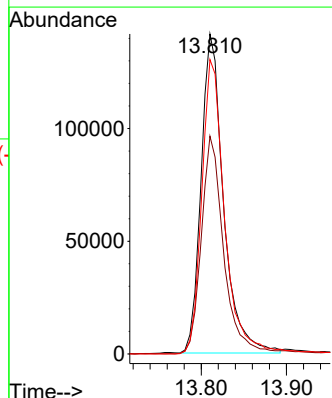
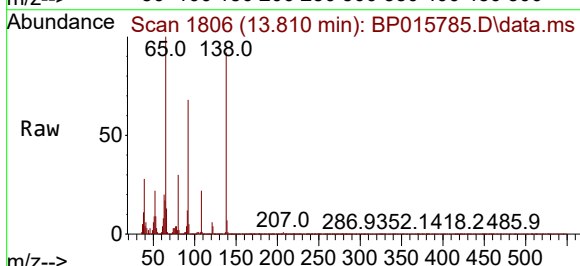
Tgt Ion: 65 Resp: 258484

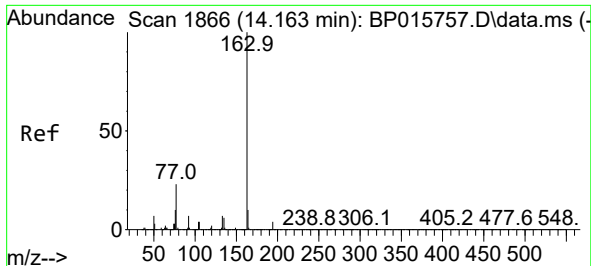
Ion Ratio Lower Upper

65 100

92 68.1 49.5 74.3

138 92.0 71.4 107.2





#47

Dimethylphthalate

Concen: 20.839 ng/ul

RT: 14.163 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

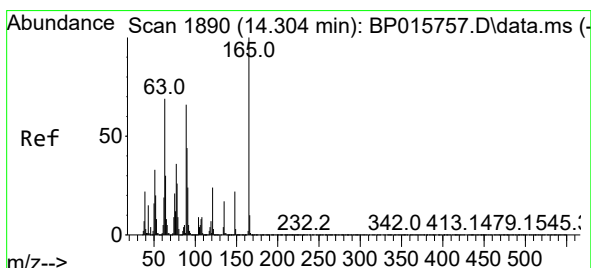
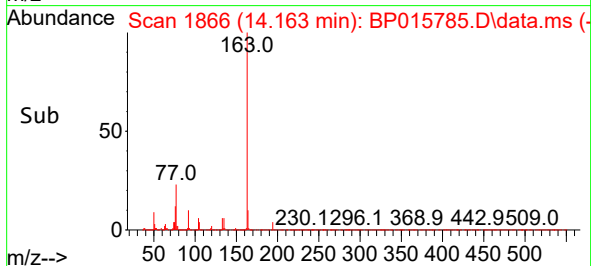
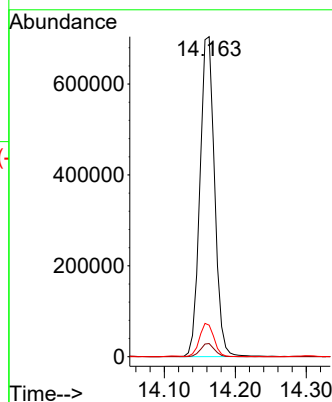
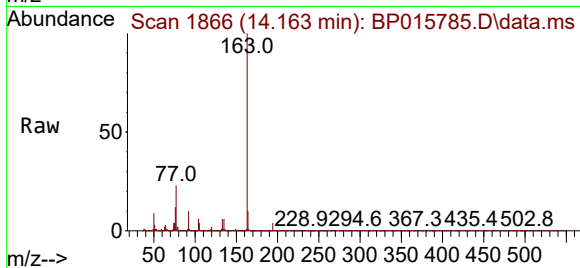
Tgt Ion:163 Resp: 1010839

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.8 7.7 11.5



#48

2,6-Dinitrotoluene

Concen: 20.920 ng/ul

RT: 14.298 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

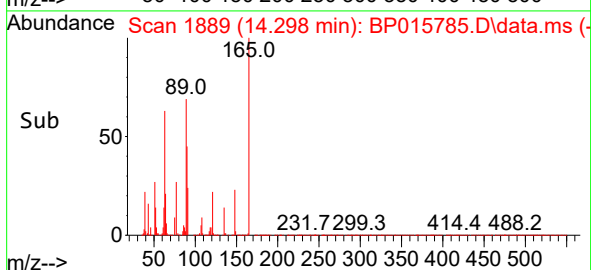
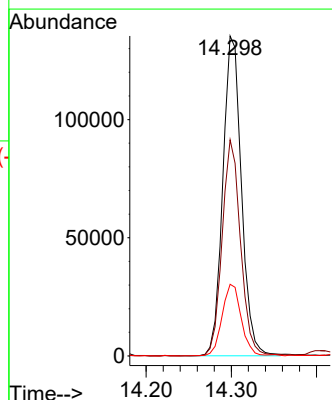
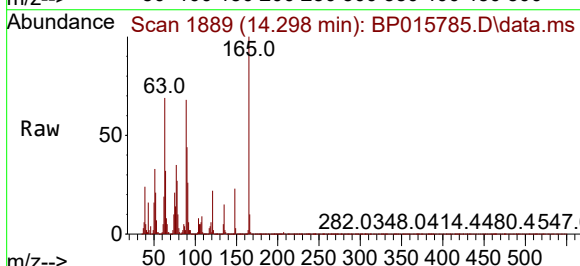
Tgt Ion:165 Resp: 205848

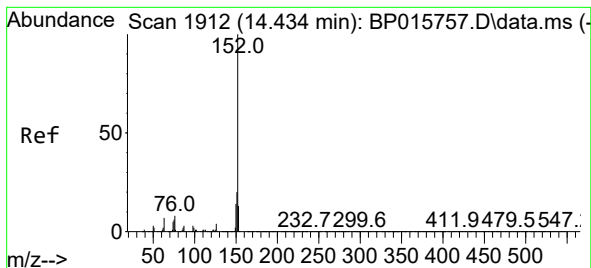
Ion Ratio Lower Upper

165 100

89 67.6 54.1 81.1

121 22.4 18.2 27.2





#50

Acenaphthylene

Concen: 21.194 ng/ul

RT: 14.428 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

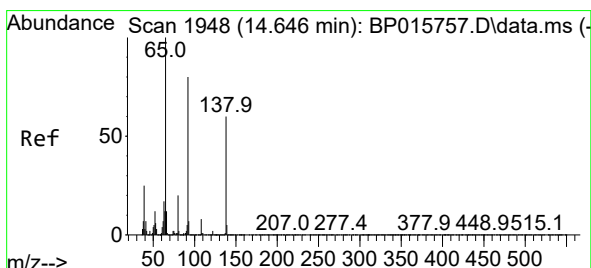
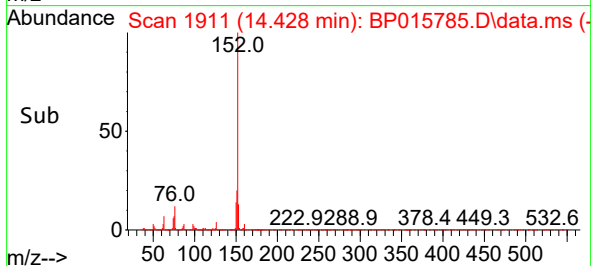
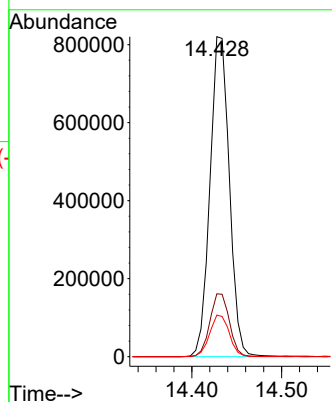
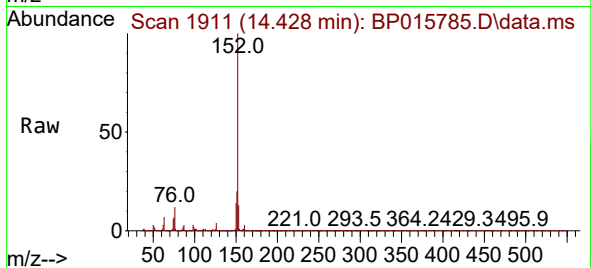
Tgt Ion:152 Resp: 1230443

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.0 10.5 15.7



#51

3-Nitroaniline

Concen: 21.572 ng/ul

RT: 14.645 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

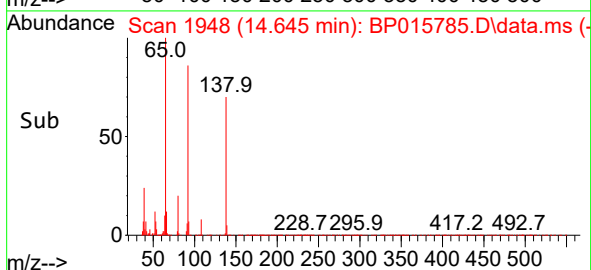
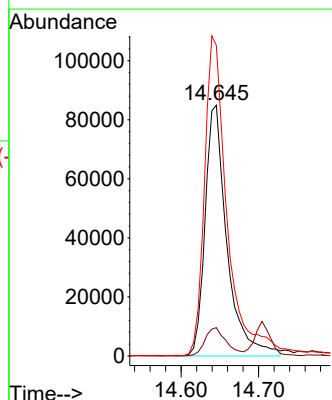
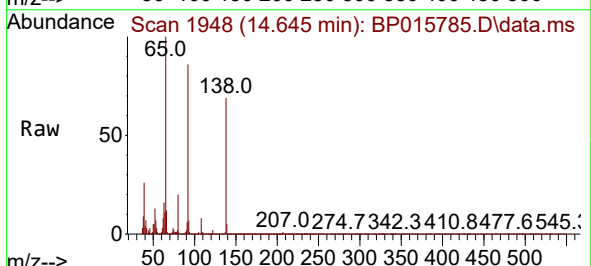
Tgt Ion:138 Resp: 166448

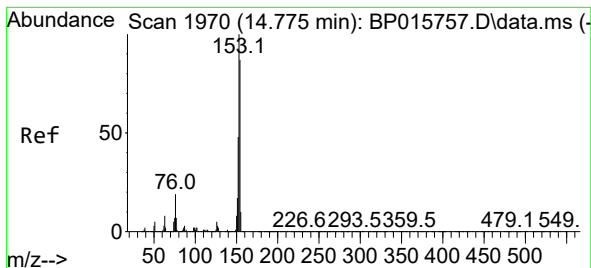
Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

92 123.8 96.8 145.2





#52

Acenaphthene

Concen: 21.038 ng/ul

RT: 14.769 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

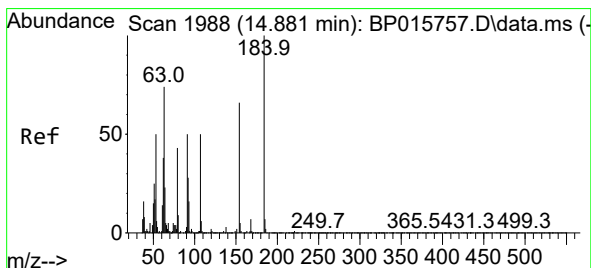
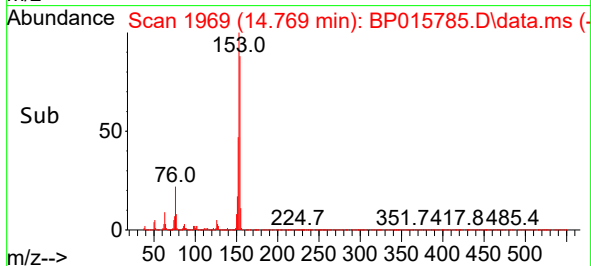
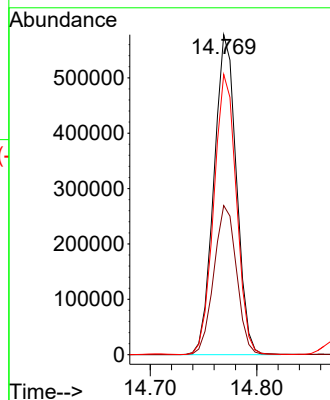
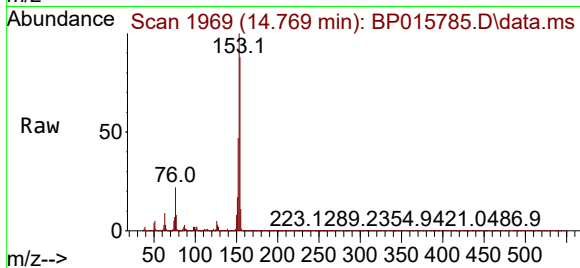
Tgt Ion:153 Resp: 846944

Ion Ratio Lower Upper

153 100

152 46.6 39.4 59.2

154 87.6 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 14.773 ng/ul

RT: 14.875 min Scan# 1987

Delta R.T. 0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

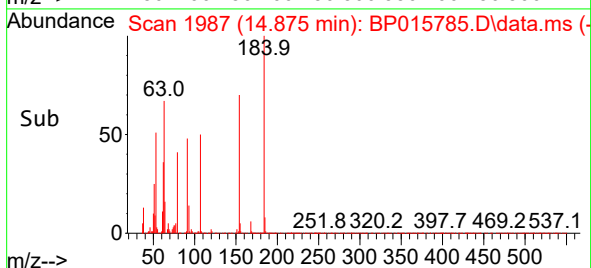
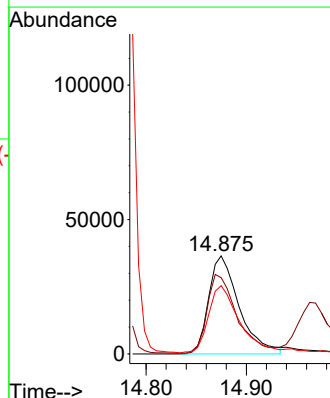
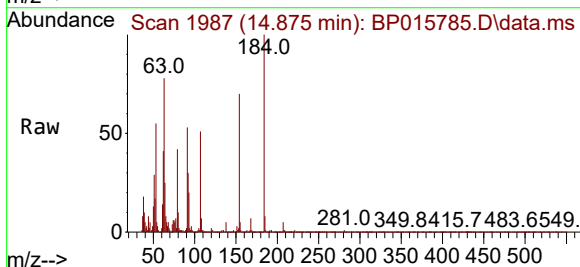
Tgt Ion:184 Resp: 77120

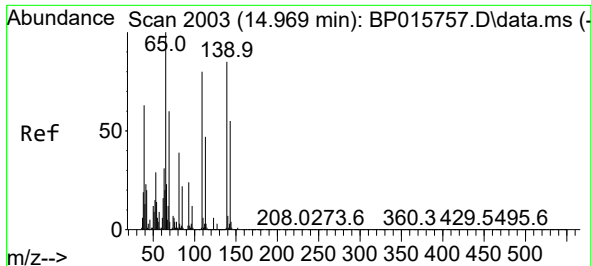
Ion Ratio Lower Upper

184 100

63 77.7 71.4 107.0

154 69.6 61.1 91.7

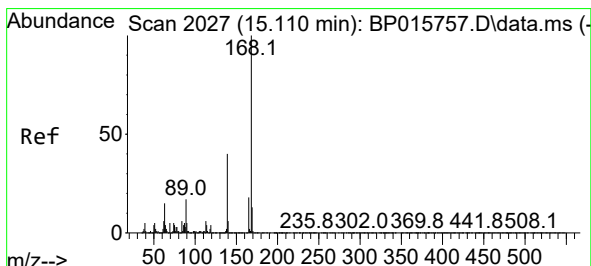
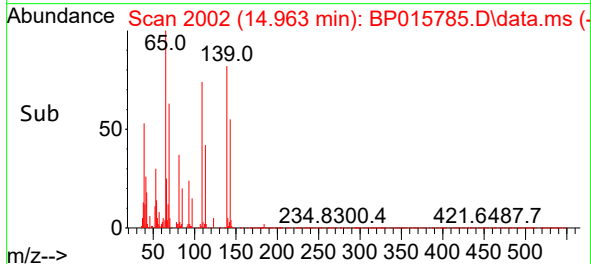
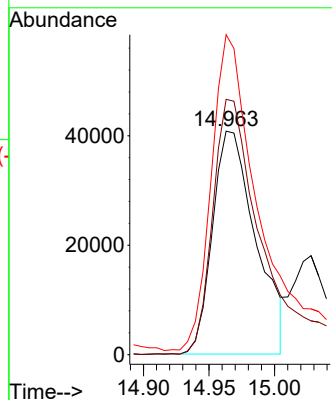
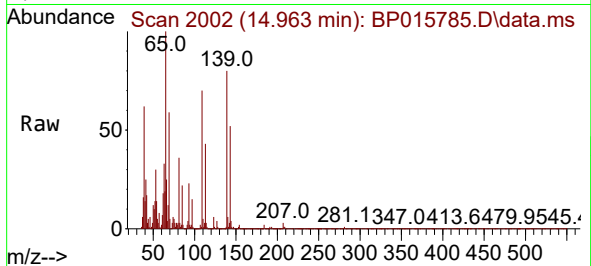




#55
4-Nitrophenol
Concen: 14.574 ng/ul
RT: 14.963 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

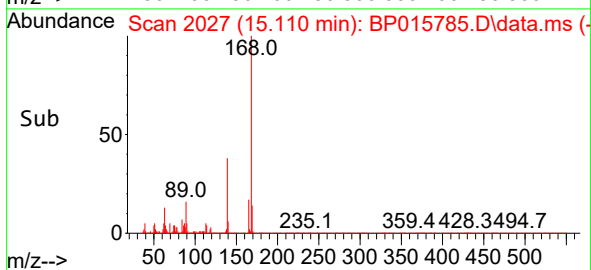
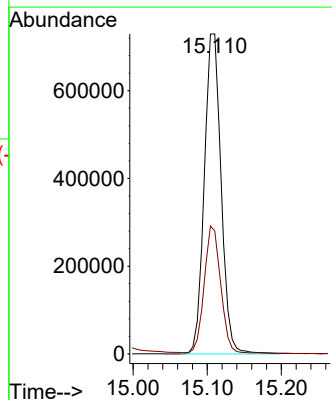
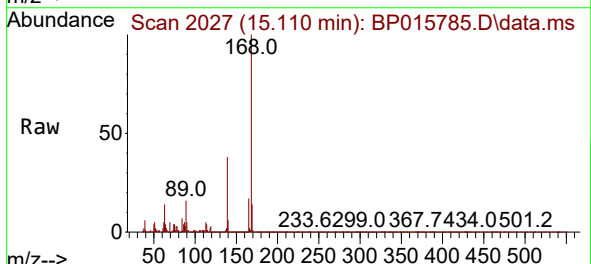
Instrument :
BNA_P
ClientSampleId :

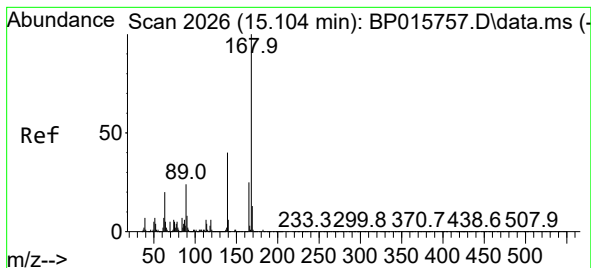
Tgt Ion:109 Resp: 93416
Ion Ratio Lower Upper
109 100
139 114.3 81.3 121.9
65 143.2 99.9 149.9



#56
Dibenzofuran
Concen: 20.625 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:168 Resp: 1152667
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.4





#57

2,4-Dinitrotoluene

Concen: 19.891 ng/ul

RT: 15.104 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

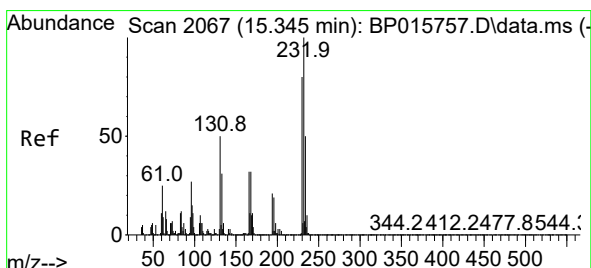
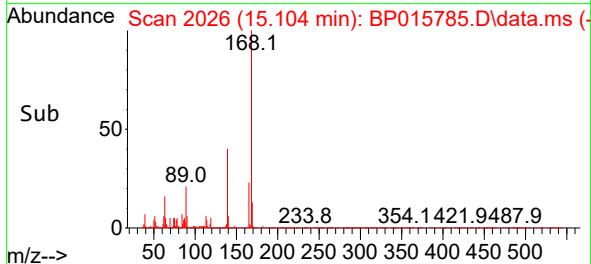
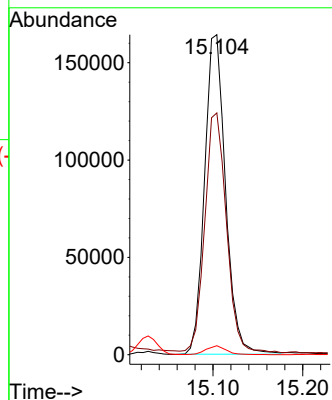
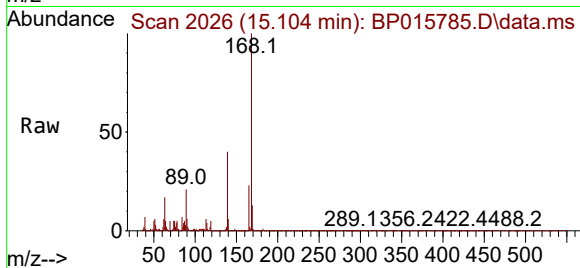
Tgt Ion:165 Resp: 266706

Ion Ratio Lower Upper

165 100

63 75.6 56.8 85.2

182 2.8 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.854 ng/ul

RT: 15.345 min Scan# 2067

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Tgt Ion:232 Resp: 228435

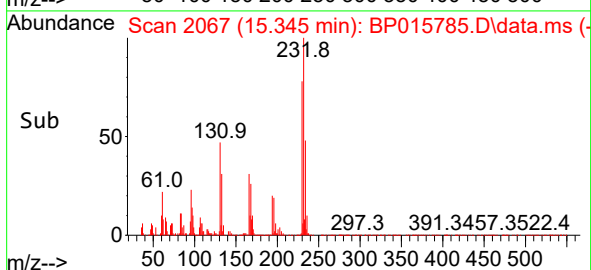
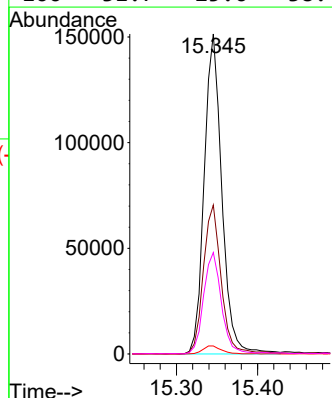
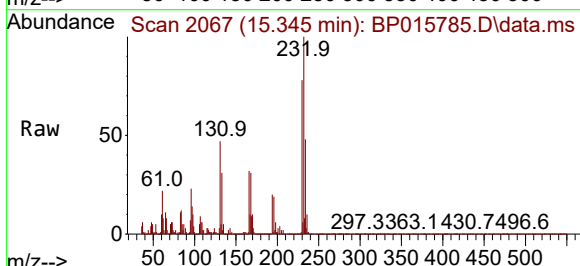
Ion Ratio Lower Upper

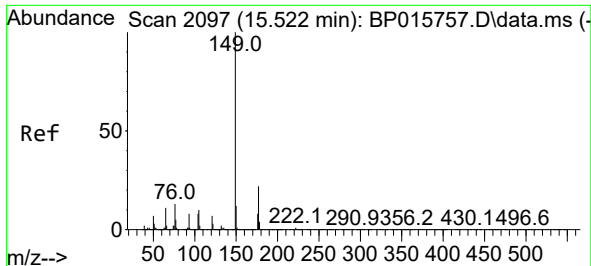
232 100

131 46.6 38.2 57.2

130 2.5 2.2 3.2

166 31.7 25.6 38.4

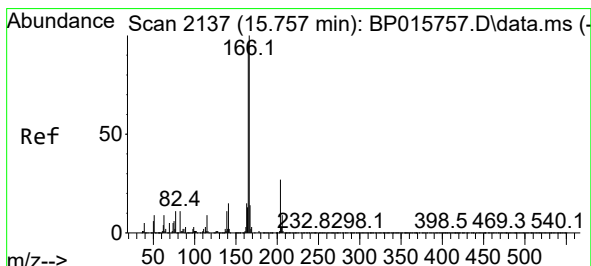
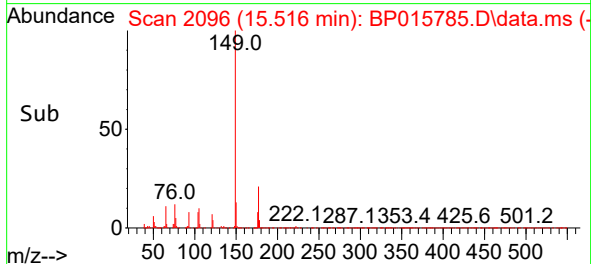
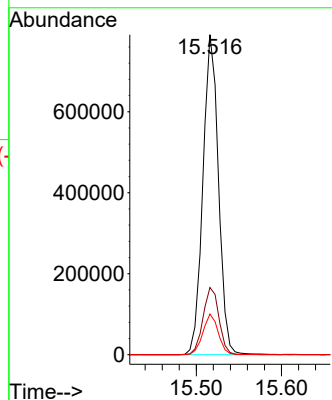
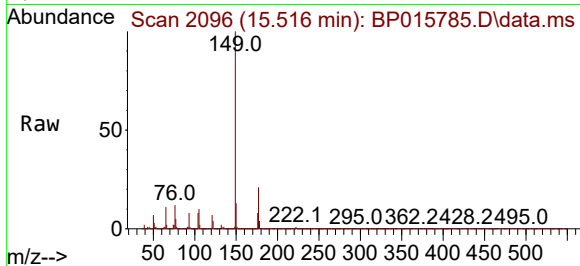




#59
Diethylphthalate
Concen: 20.398 ng/ul
RT: 15.516 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

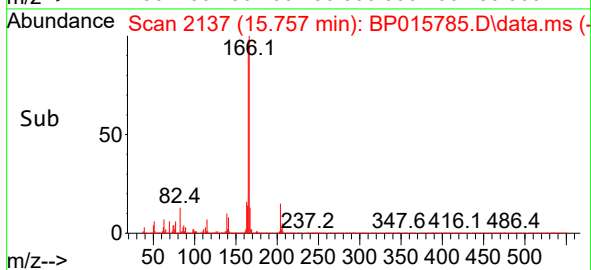
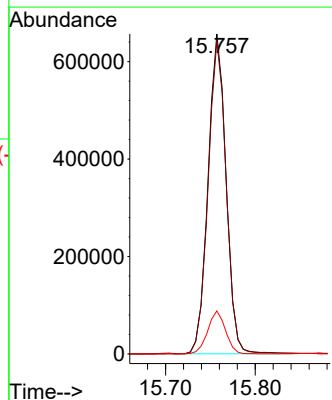
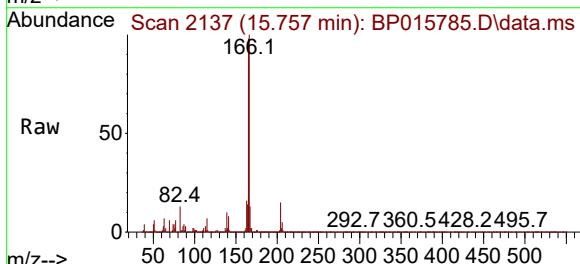
Instrument :
BNA_P
ClientSampleId :

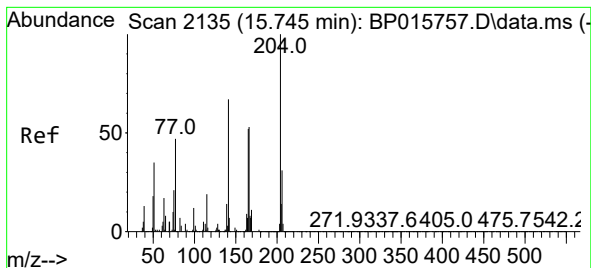
Tgt Ion:149 Resp: 1001282
Ion Ratio Lower Upper
149 100
177 21.0 16.8 25.2
150 12.7 10.3 15.5



#61
Fluorene
Concen: 20.180 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:166 Resp: 914779
Ion Ratio Lower Upper
166 100
165 97.7 78.7 118.1
167 13.4 10.5 15.7

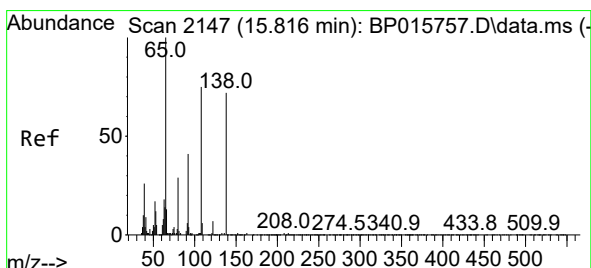
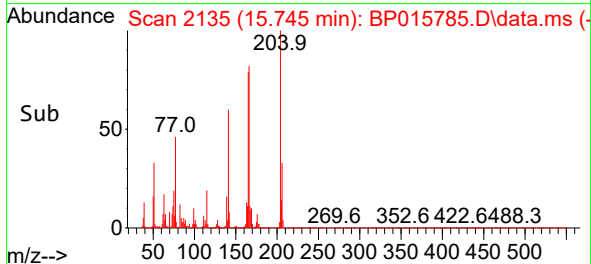
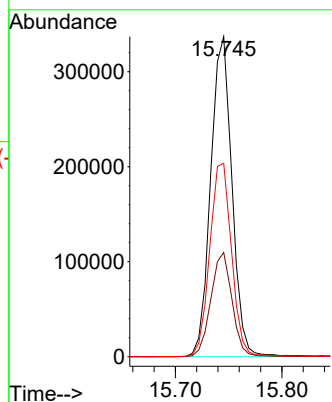
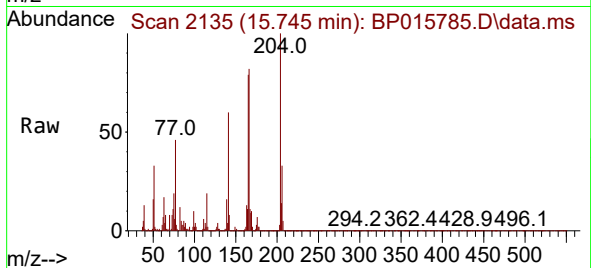




#62
4-Chlorophenyl-phenylether
Concen: 20.068 ng/ul
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

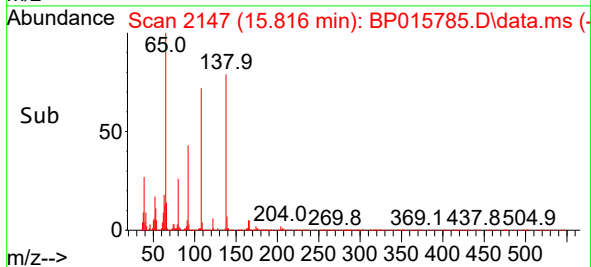
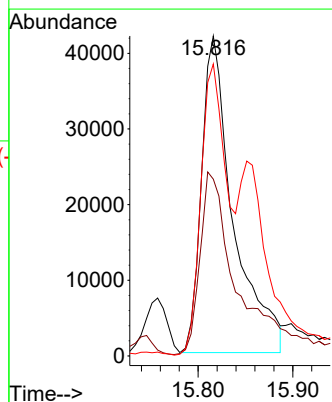
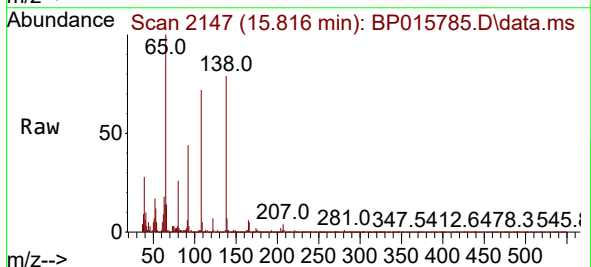
Instrument :
BNA_P
ClientSampleId :

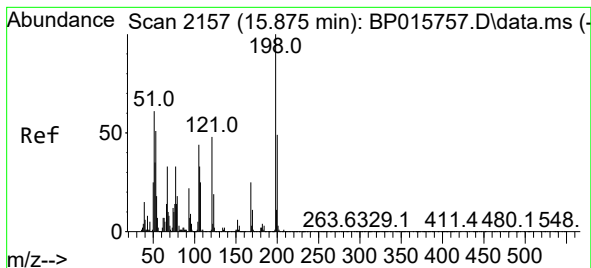
Tgt Ion:204 Resp: 465490
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 60.4 51.8 77.8



#63
4-Nitroaniline
Concen: 18.467 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:138 Resp: 97525
Ion Ratio Lower Upper
138 100
92 55.2 50.1 75.1
108 91.2 85.5 128.3

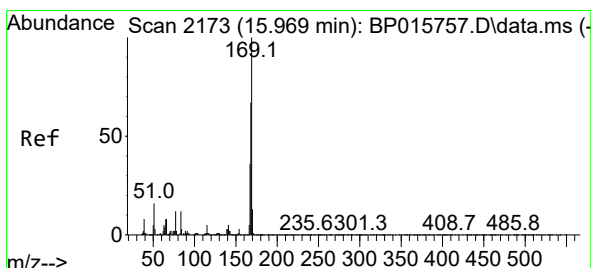
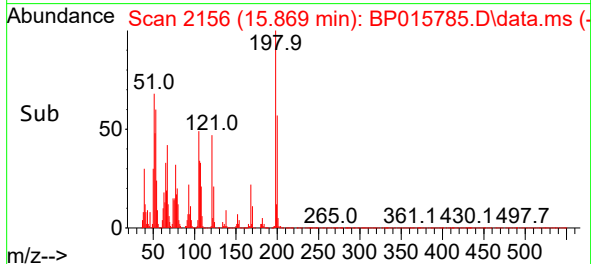
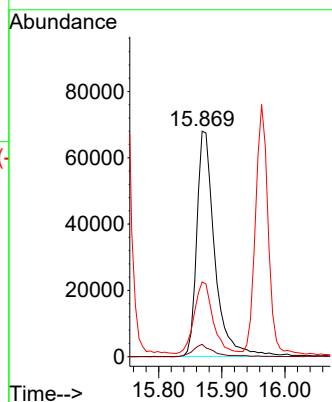
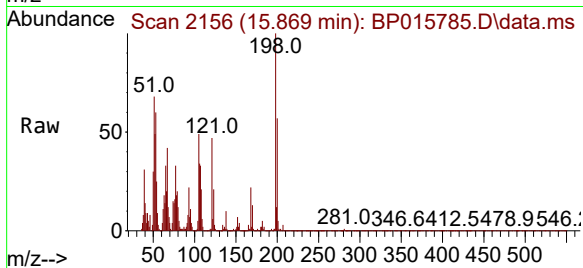




#66
4,6-Dinitro-2-methylphenol
Concen: 19.099 ng/ul
RT: 15.869 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

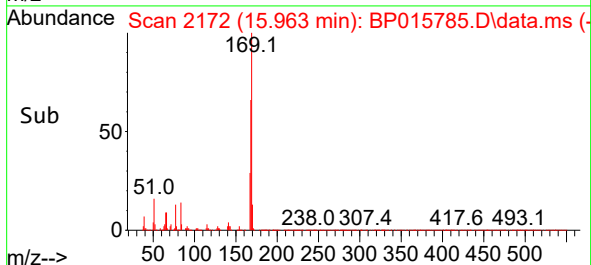
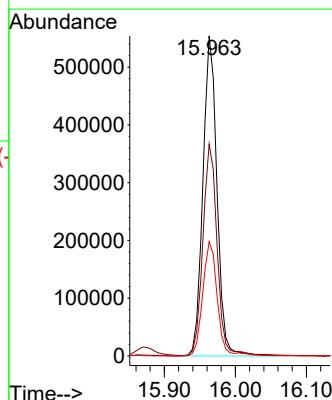
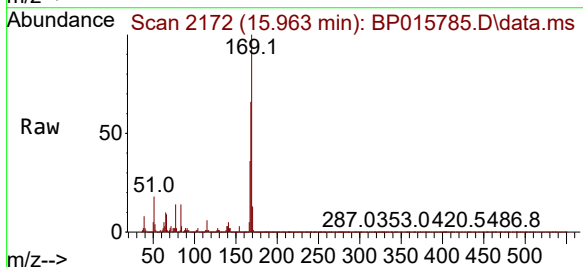
Instrument :
BNA_P
ClientSampleId :

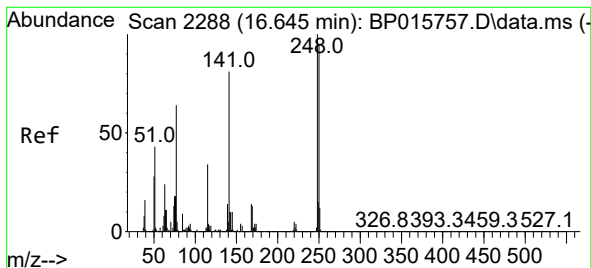
Tgt Ion:198 Resp: 133813
Ion Ratio Lower Upper
198 100
182 5.5 3.4 5.2#
77 33.1 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 22.724 ng/ul
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:169 Resp: 766001
Ion Ratio Lower Upper
169 100
168 66.3 54.2 81.4
167 35.8 29.7 44.5

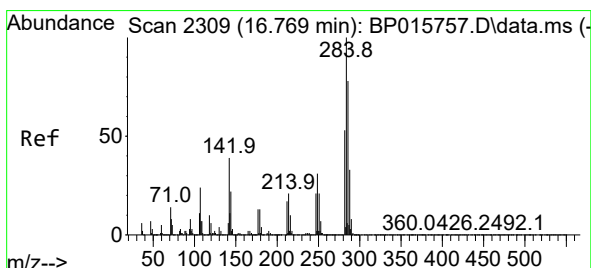
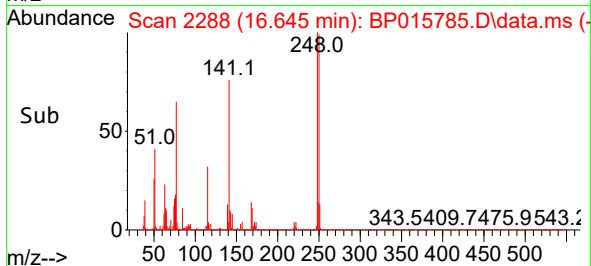
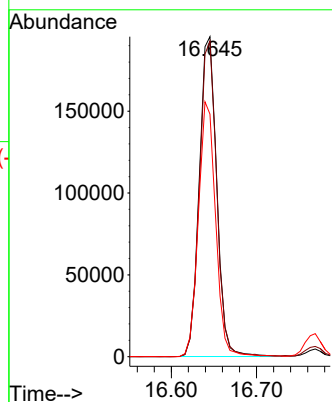
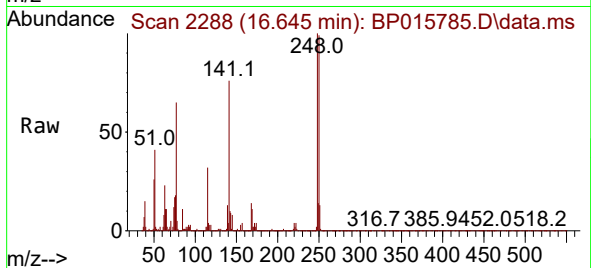




#68
4-Bromophenyl-phenylether
Concen: 21.639 ng/ul
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

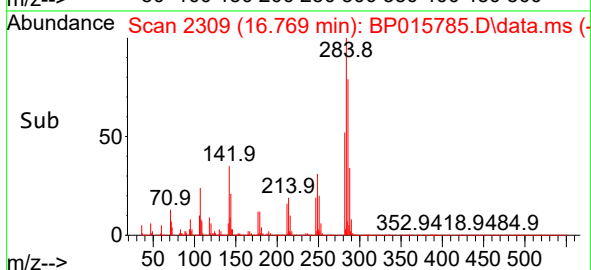
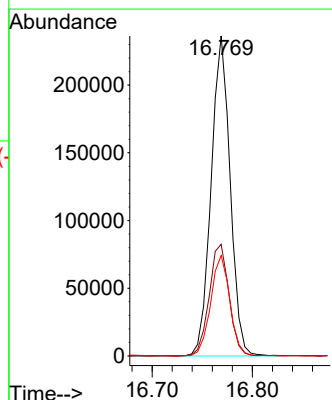
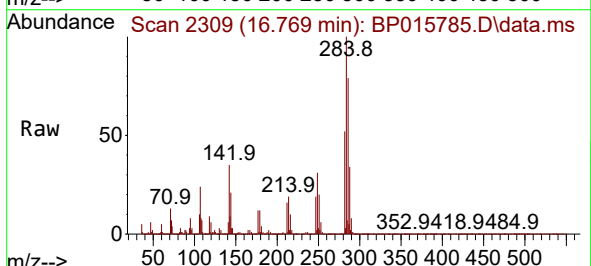
Instrument :
BNA_P
ClientSampleId :

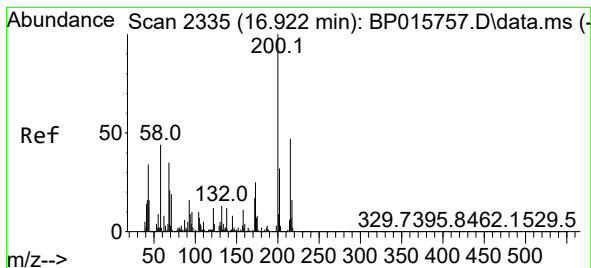
Tgt Ion:248 Resp: 278233
Ion Ratio Lower Upper
248 100
250 98.6 84.6 126.8
141 75.8 67.8 101.6



#69
Hexachlorobenzene
Concen: 20.512 ng/ul
RT: 16.769 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BP015785.D
Acq: 28 Jun 2023 18:56

Tgt Ion:284 Resp: 311197
Ion Ratio Lower Upper
284 100
142 34.9 27.8 41.8
249 31.4 26.1 39.1





#70

Atrazine

Concen: 20.987 ng/ul

RT: 16.922 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

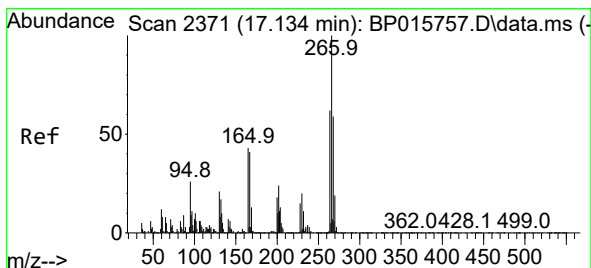
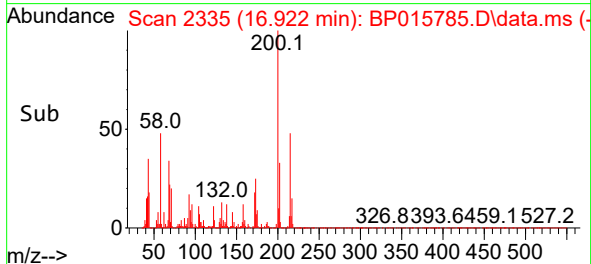
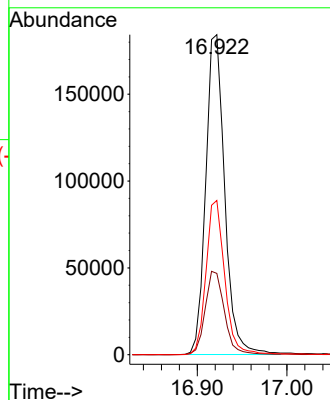
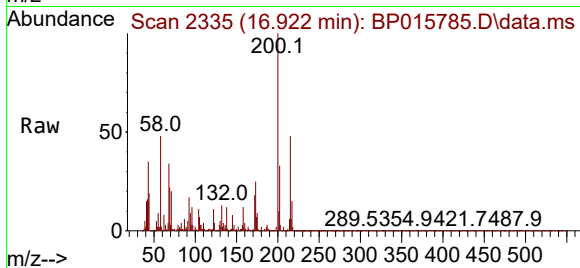
Tgt Ion:200 Resp: 270799

Ion Ratio Lower Upper

200 100

173 25.4 19.8 29.8

215 48.2 36.8 55.2



#71

Pentachlorophenol

Concen: 19.624 ng/ul

RT: 17.128 min Scan# 2370

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

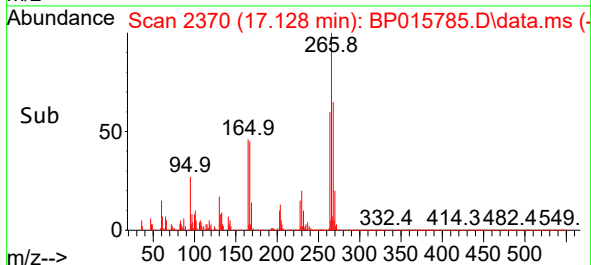
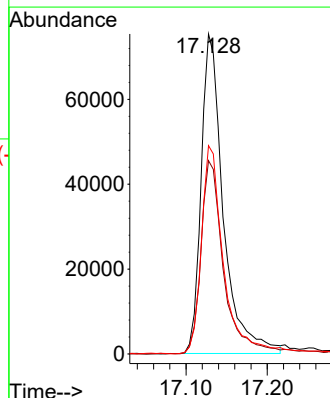
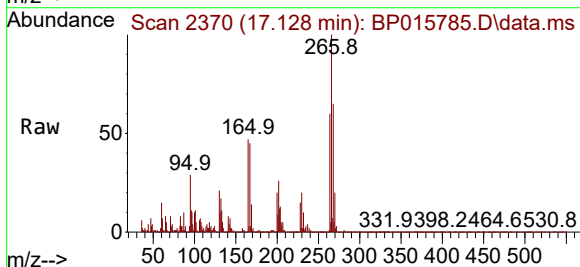
Tgt Ion:266 Resp: 142894

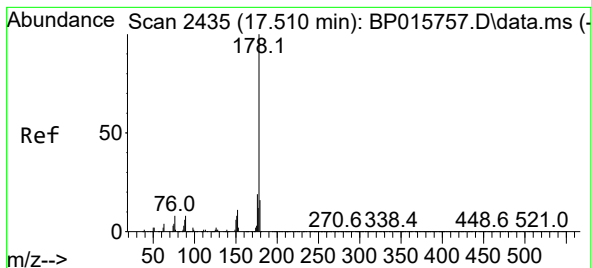
Ion Ratio Lower Upper

266 100

264 60.4 53.4 80.2

268 65.1 51.4 77.2





#72

Phenanthrene

Concen: 20.838 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

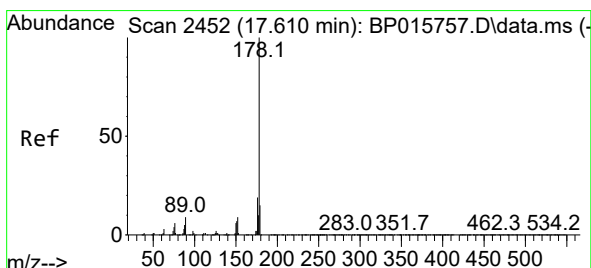
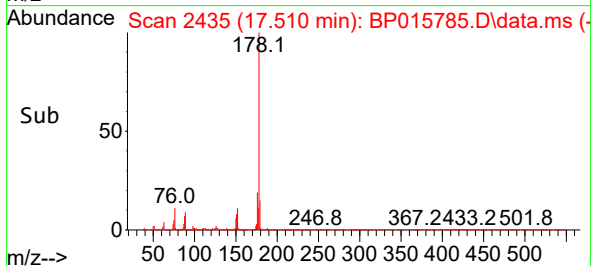
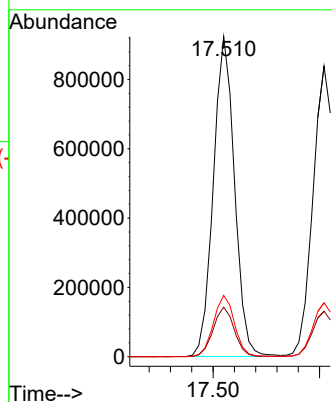
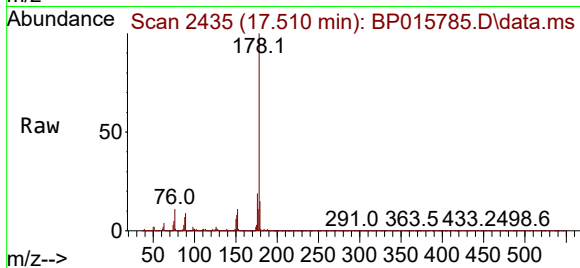
Tgt Ion:178 Resp: 1274639

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.2 15.6 23.4



#74

Anthracene

Concen: 20.857 ng/ul

RT: 17.604 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

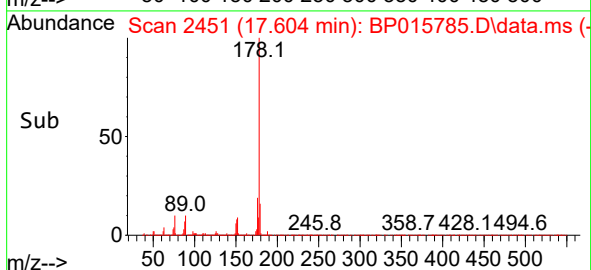
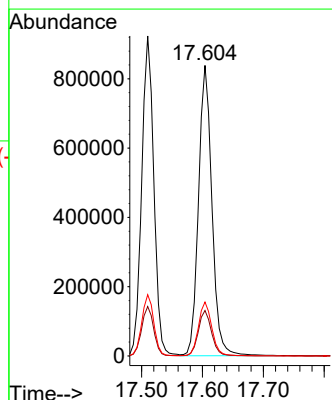
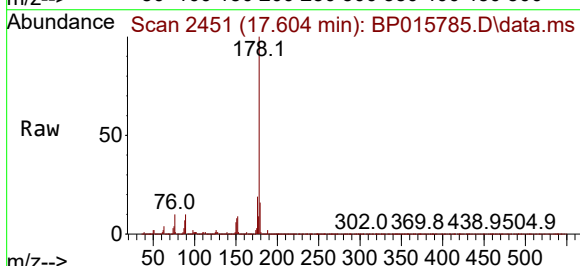
Tgt Ion:178 Resp: 1281962

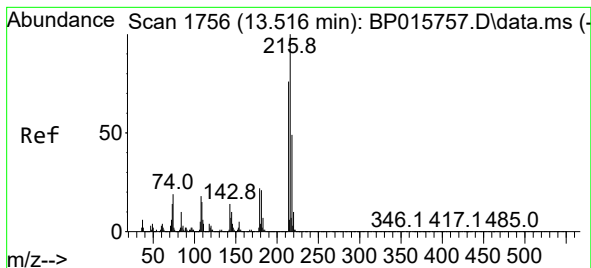
Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 18.6 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.677 ng/uL

RT: 13.510 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

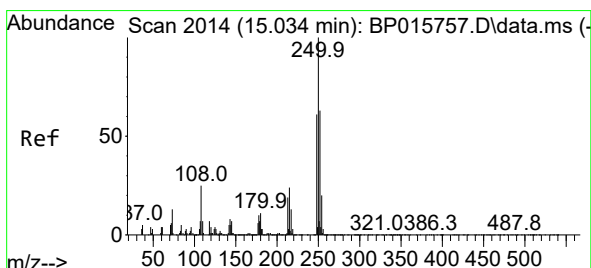
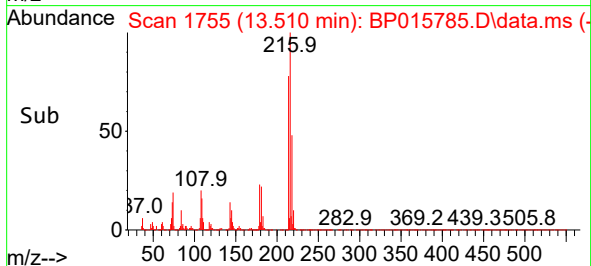
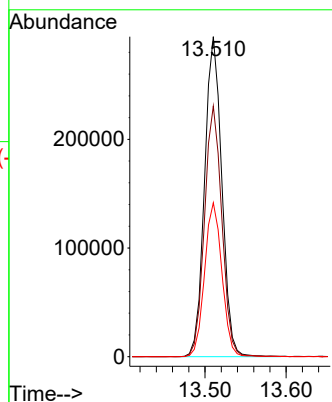
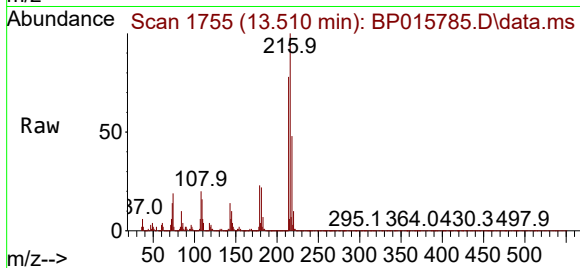
Tgt Ion:216 Resp: 433812

Ion Ratio Lower Upper

216 100

214 78.3 62.0 93.0

218 48.1 38.4 57.6



#76

Pentachlorobenzene

Concen: 22.017 ng/uL

RT: 15.028 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

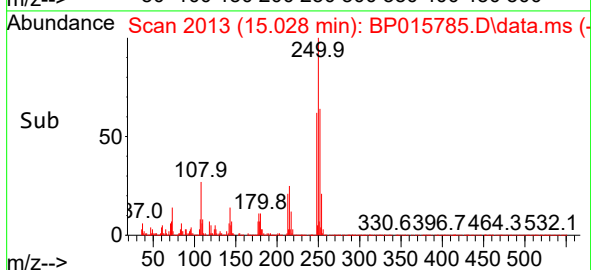
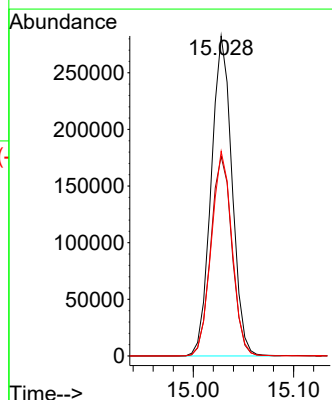
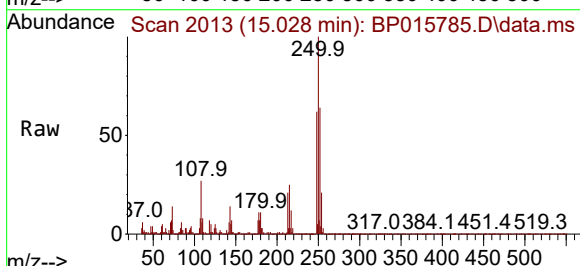
Tgt Ion:250 Resp: 407132

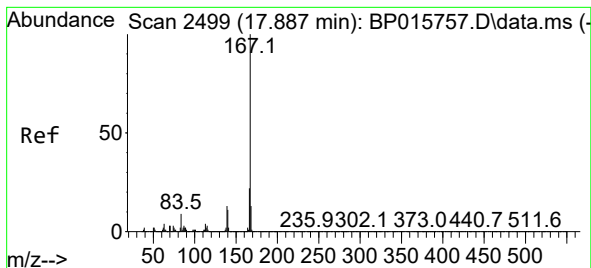
Ion Ratio Lower Upper

250 100

248 62.4 50.7 76.1

252 63.9 51.2 76.8





#77

Carbazole

Concen: 20.613 ng/ul

RT: 17.881 min Scan# 2499

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

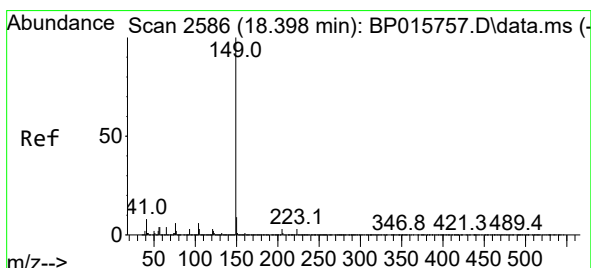
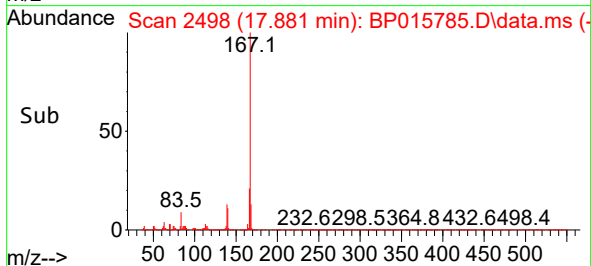
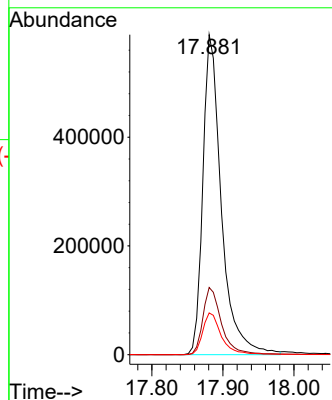
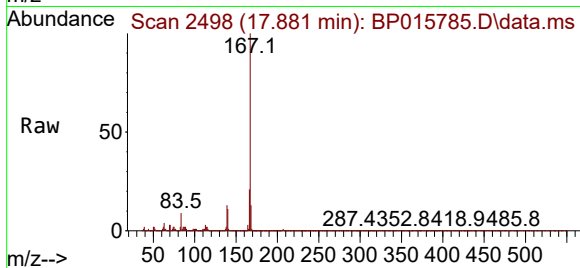
Tgt Ion:167 Resp: 1067859

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

139 13.0 11.0 16.4



#78

Di-n-butylphthalate

Concen: 21.775 ng/ul

RT: 18.398 min Scan# 2586

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

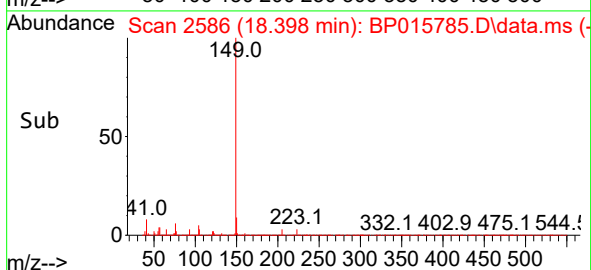
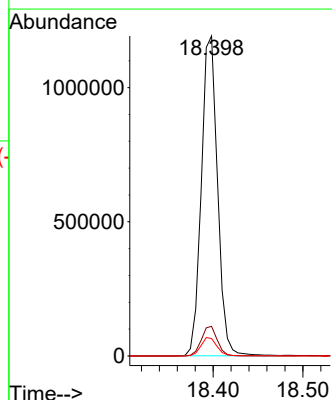
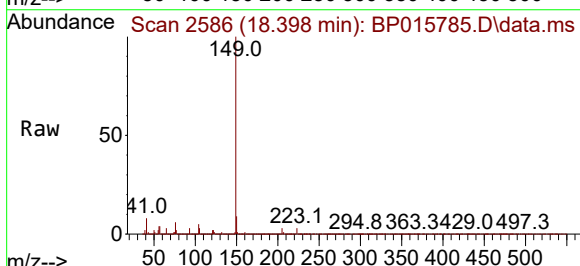
Tgt Ion:149 Resp: 1495520

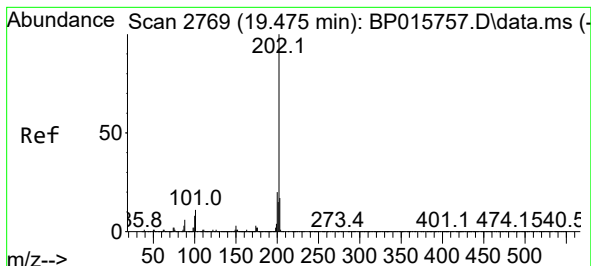
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.5 4.6 7.0





#80

Fluoranthene

Concen: 19.458 ng/ul

RT: 19.475 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

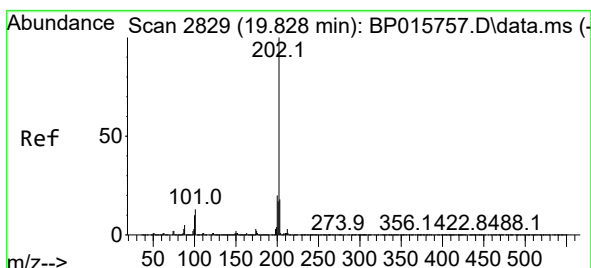
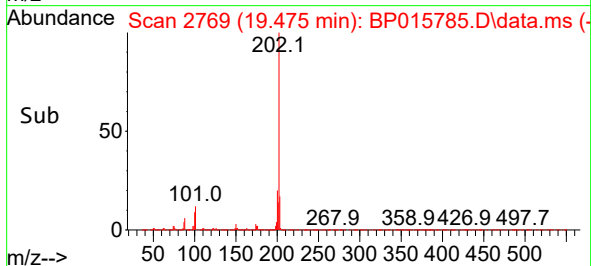
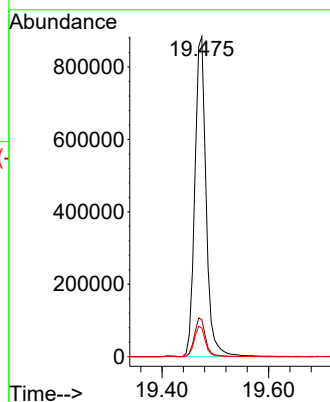
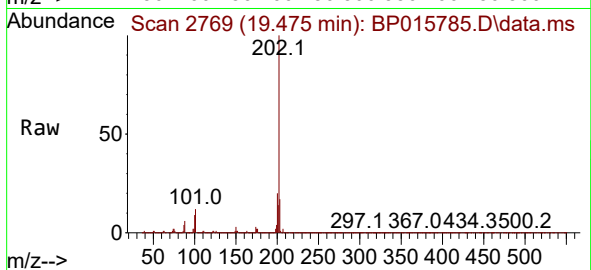
Tgt Ion:202 Resp: 1299265

Ion Ratio Lower Upper

202 100

101 11.6 8.3 12.5

100 9.0 6.6 9.8



#82

Pyrene

Concen: 19.281 ng/ul

RT: 19.828 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

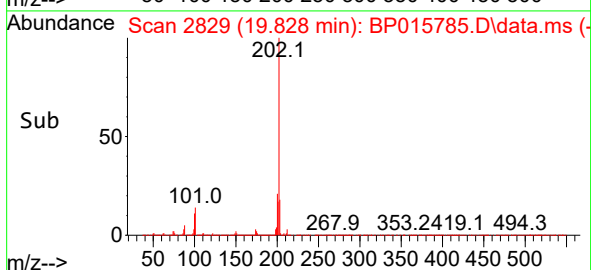
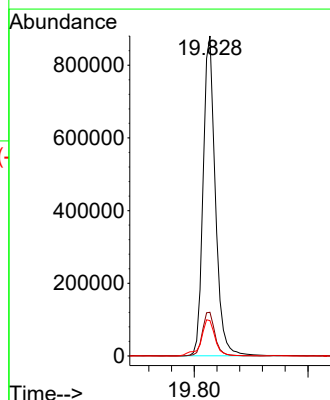
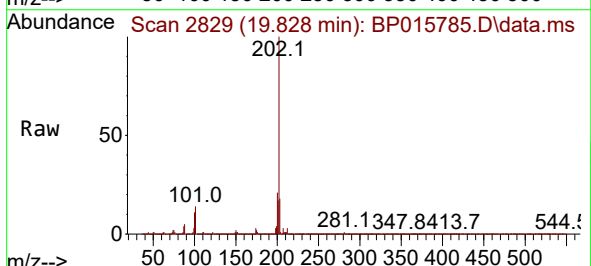
Tgt Ion:202 Resp: 1313245

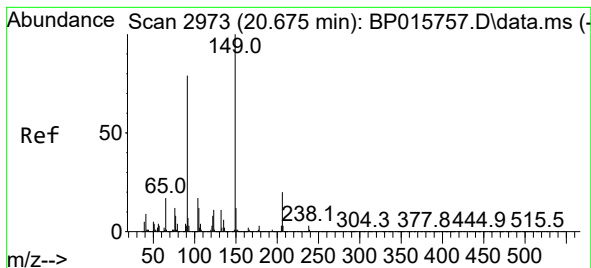
Ion Ratio Lower Upper

202 100

101 13.6 9.3 13.9

100 11.1 7.6 11.4





#83

Butylbenzylphthalate

Concen: 20.936 ng/ul

RT: 20.675 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

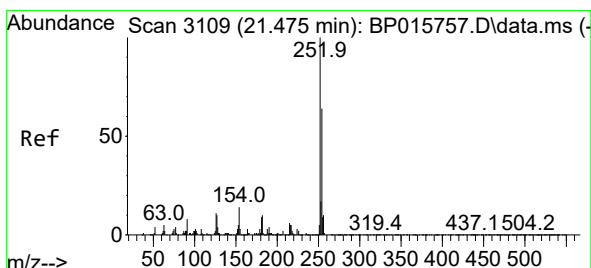
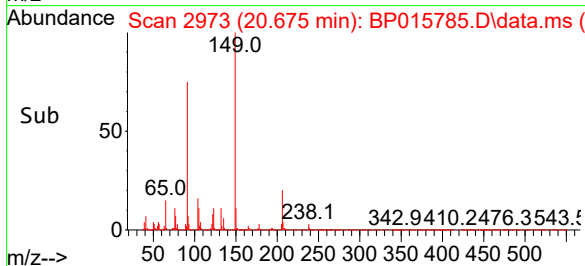
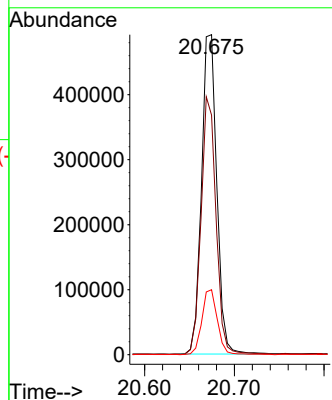
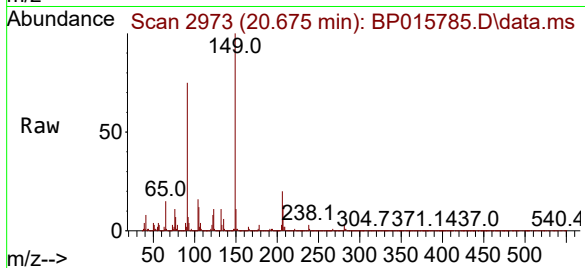
Tgt Ion:149 Resp: 581771

Ion Ratio Lower Upper

149 100

91 74.9 59.8 89.6

206 20.3 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 21.449 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

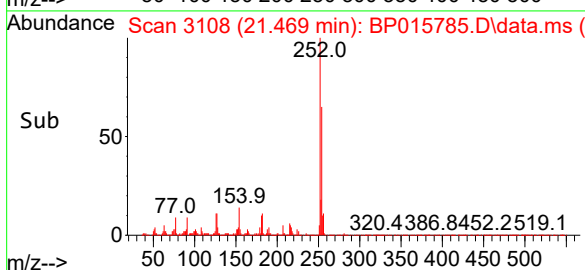
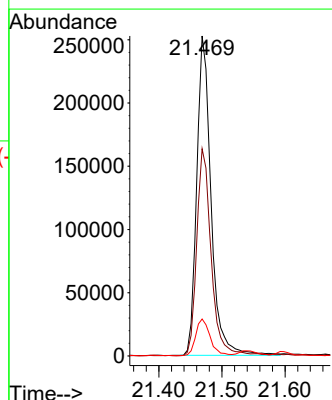
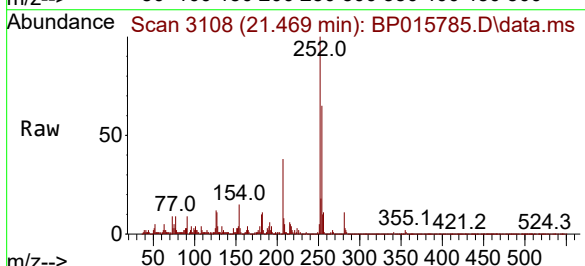
Tgt Ion:252 Resp: 398938

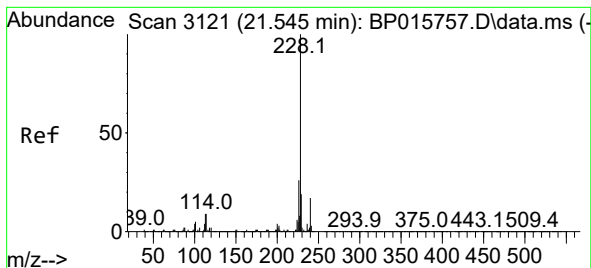
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.6

126 11.6 8.6 13.0





#85

Benzo(a)anthracene

Concen: 20.978 ng/ul

RT: 21.539 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

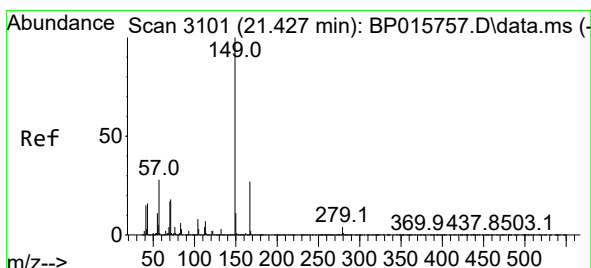
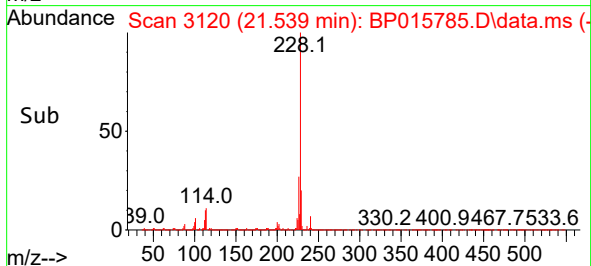
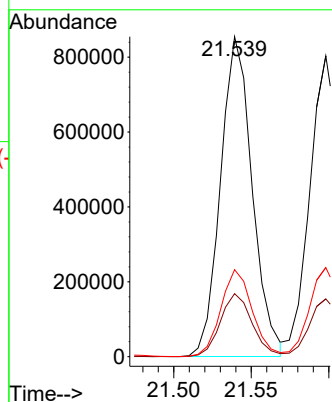
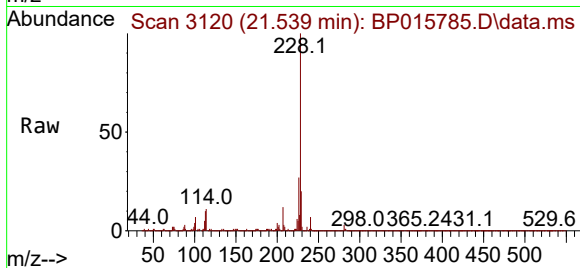
Tgt Ion:228 Resp: 1214167

Ion Ratio Lower Upper

228 100

229 19.7 15.3 22.9

226 27.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.878 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. -0.012 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

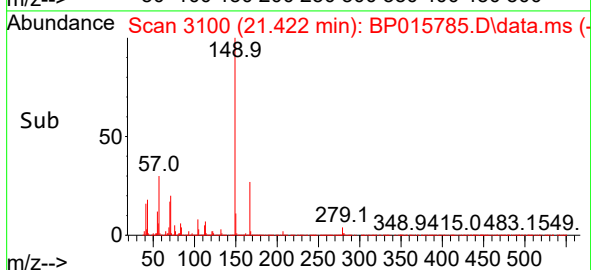
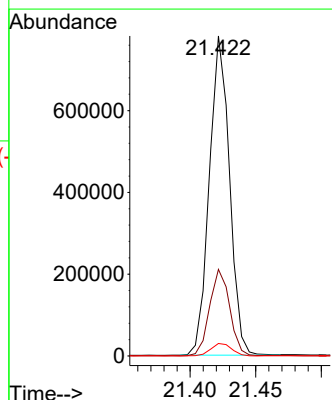
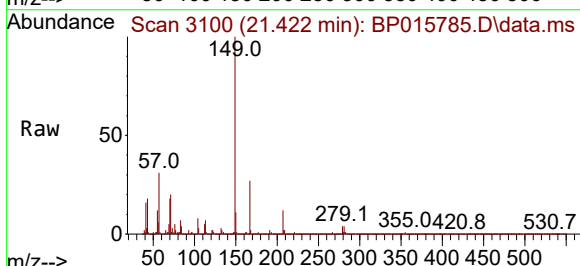
Tgt Ion:149 Resp: 835489

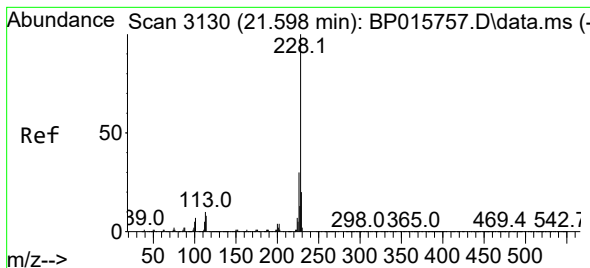
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.6

279 3.9 3.8 5.6





#87

Chrysene

Concen: 21.184 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

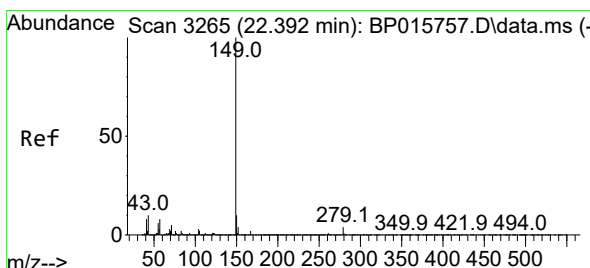
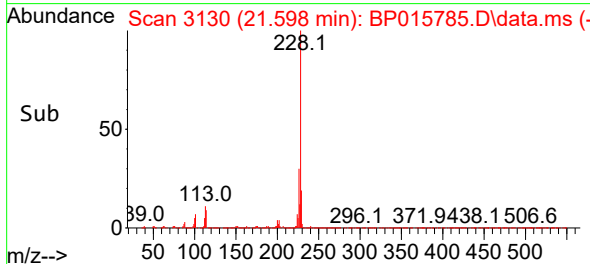
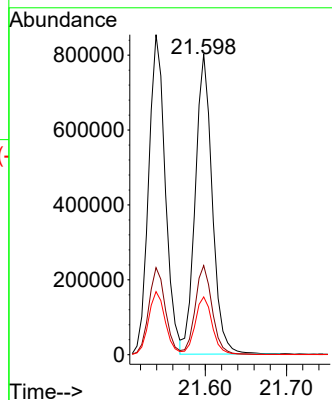
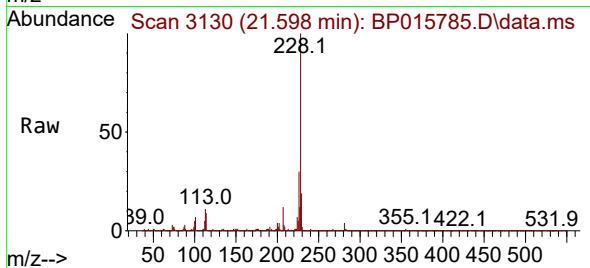
Tgt Ion:228 Resp: 1163292

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

229 19.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 18.985 ng/ul

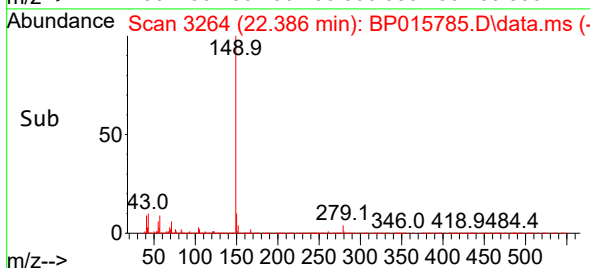
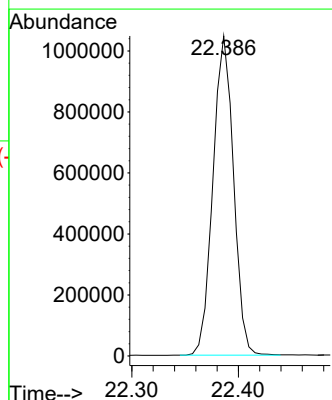
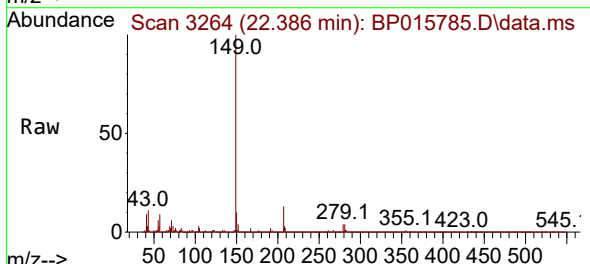
RT: 22.386 min Scan# 3264

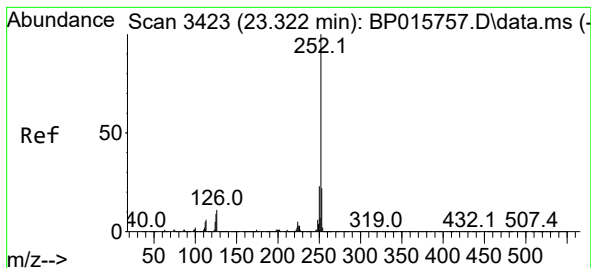
Delta R.T. -0.012 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Tgt Ion:149 Resp: 1400683





#90

Benzo(b)fluoranthene

Concen: 19.571 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.012 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

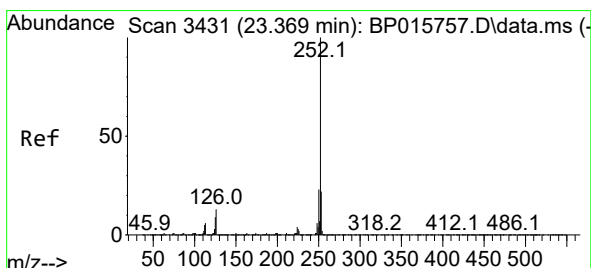
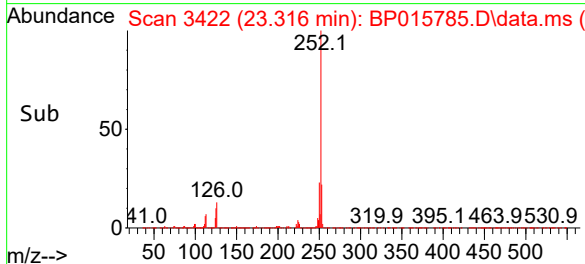
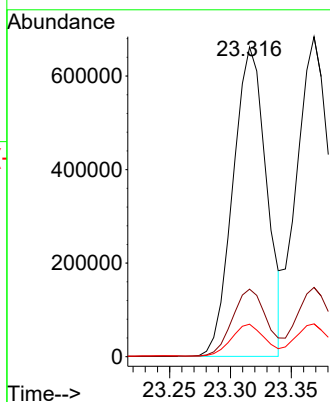
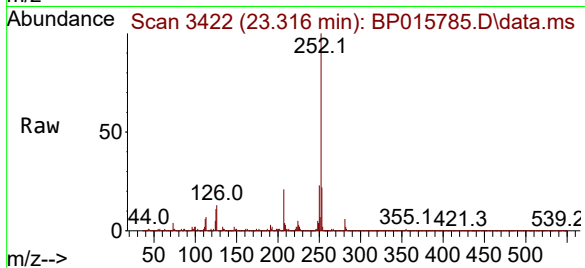
Tgt Ion:252 Resp: 1269573

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.5 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 20.110 ng/ul

RT: 23.369 min Scan# 3431

Delta R.T. -0.012 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

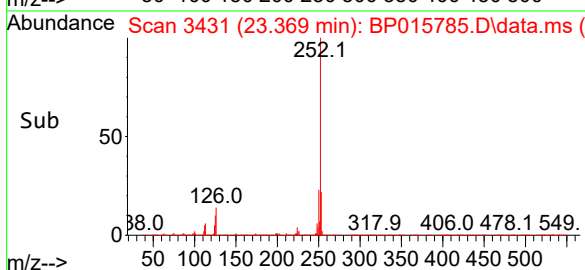
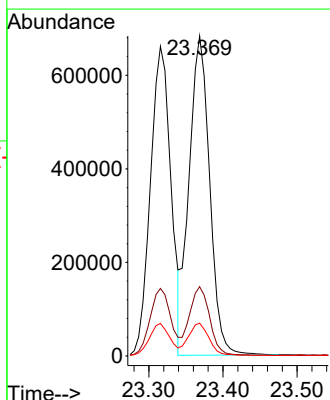
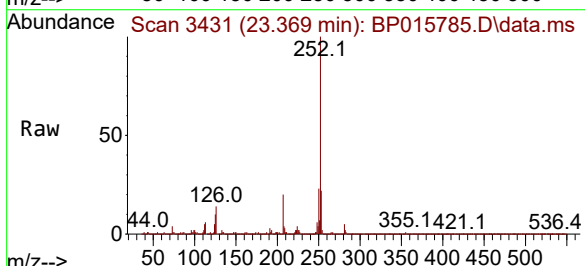
Tgt Ion:252 Resp: 1318054

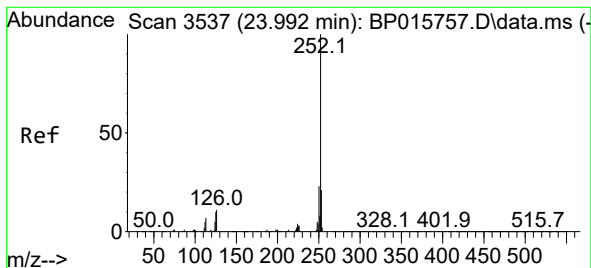
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 10.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 20.715 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.018 min

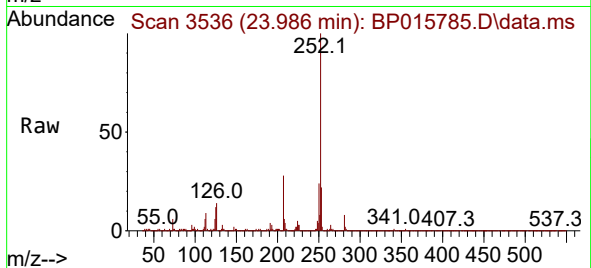
Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :



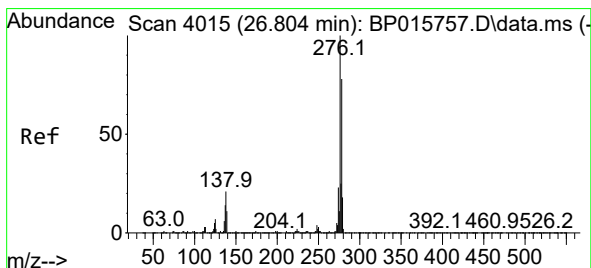
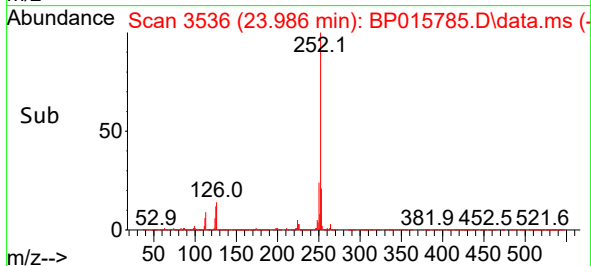
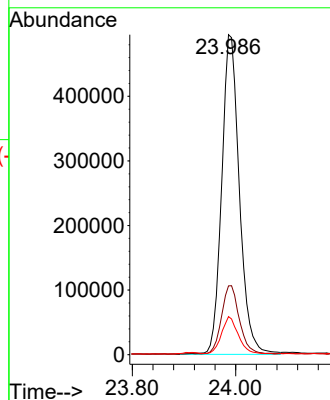
Tgt Ion:252 Resp: 1174133

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 11.9 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.113 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.018 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

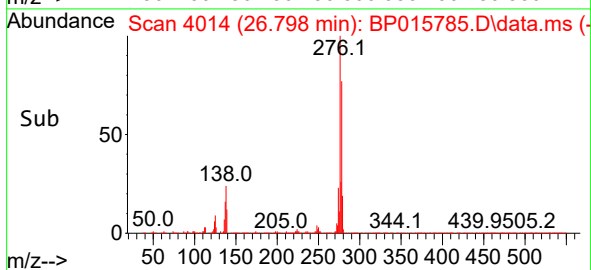
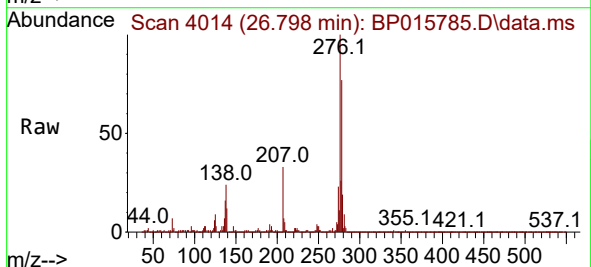
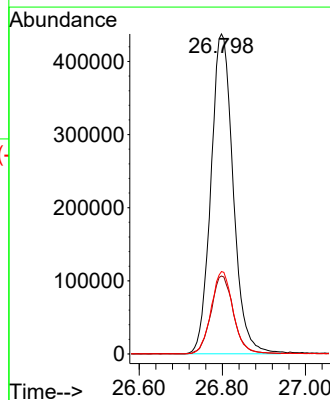
Tgt Ion:276 Resp: 1624572

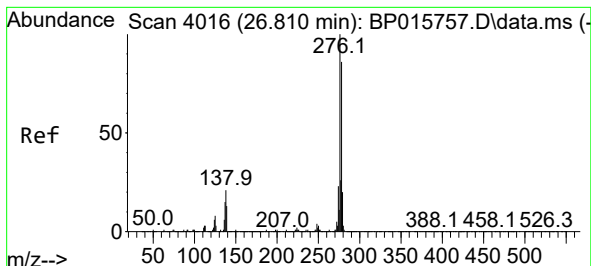
Ion Ratio Lower Upper

276 100

138 24.3 15.7 23.5#

277 25.7 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 21.130 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. -0.018 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Instrument :

BNA_P

ClientSampleId :

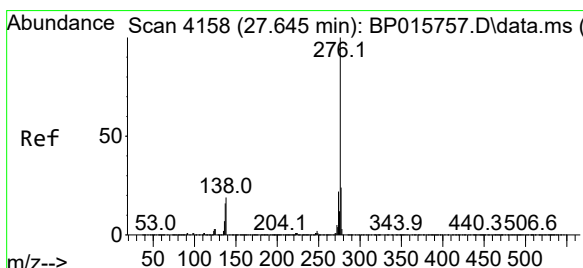
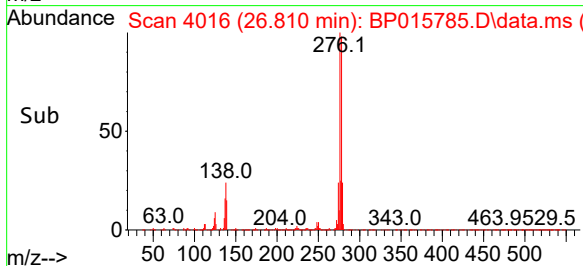
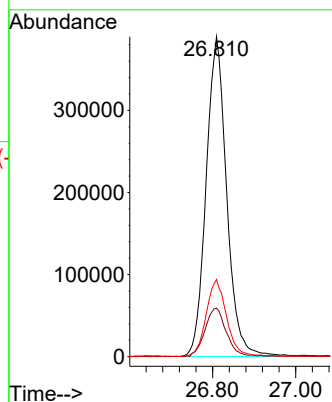
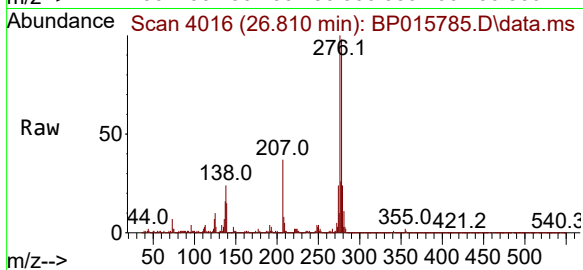
Tgt Ion:278 Resp: 1335461

Ion Ratio Lower Upper

278 100

139 15.2 10.5 15.7

279 24.2 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 21.229 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. -0.023 min

Lab File: BP015785.D

Acq: 28 Jun 2023 18:56

Tgt Ion:276 Resp: 1343826

Ion Ratio Lower Upper

276 100

138 21.0 15.1 22.7

277 23.4 18.8 28.2

