

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017127.D
 Acq On : 12 Sep 2023 21:52
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 00:53:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	268237	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	1159704	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	748510	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1674702	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1530791	20.000	ng/u1	0.00
88) Perylene-d12	24.004	264	1502769	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	48890	7.659	ng/uL	0.00
4) Pyridine-d5	3.752	84	339061	18.569	ng/u1	0.00
7) Phenol-d5	7.104	99	395626	18.139	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	250310	18.361	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	330035	18.968	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	328090	18.150	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	156865	19.317	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	168973	19.491	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	322535	19.237	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	466329	18.453	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	1007536	18.915	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	1139404	18.852	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	176982	17.192	ng/u1	0.00
60) Fluorene-d10	15.610	176	858536	18.641	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	161387	17.249	ng/u1	0.00
73) Anthracene-d10	17.486	188	1348832	18.956	ng/u1	0.00
81) Pyrene-d10	19.721	212	1585863	19.754	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	1347066	18.992	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	51846	7.554	ng/uL	95
5) Pyridine	3.769	79	353014	18.664	ng/u1	98
6) Benzaldehyde	7.116	77	257475	21.203	ng/u1	99
8) Phenol	7.134	94	415262	18.052	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.393	93	340987	18.585	ng/u1	99
12) 2-Chlorophenol	7.510	128	335141	18.976	ng/u1	98
13) 2-Methylphenol	8.399	108	309459	18.045	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	289338	11.636	ng/u1	99
16) Acetophenone	8.804	105	520876	18.410	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.775	70	267150	18.374	ng/u1	98
18) 4-Methylphenol	8.734	108	343025	18.079	ng/u1	97
19) Hexachloroethane	9.022	117	136873	18.844	ng/u1	94
22) Nitrobenzene	9.199	77	395802	18.716	ng/u1	99
23) Isophorone	9.710	82	746964	18.849	ng/u1	99
25) 2-Nitrophenol	9.898	139	189175	19.633	ng/u1	97
26) 2,4-Dimethylphenol	9.940	107	369193	18.801	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.198	93	468155	18.848	ng/u1	100
29) 2,4-Dichlorophenol	10.422	162	327496	19.297	ng/u1	96
30) Naphthalene	10.834	128	1096761	18.689	ng/u1	100
32) 4-Chloroaniline	10.969	127	460422	18.671	ng/u1	98
33) Hexachlorobutadiene	11.063	225	219948	19.086	ng/u1	98
34) Caprolactam	11.787	113	100356	18.812	ng/u1	99
35) 4-Chloro-3-methylphenol	12.069	107	346244	18.856	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	749674	18.932	ng/u1	99

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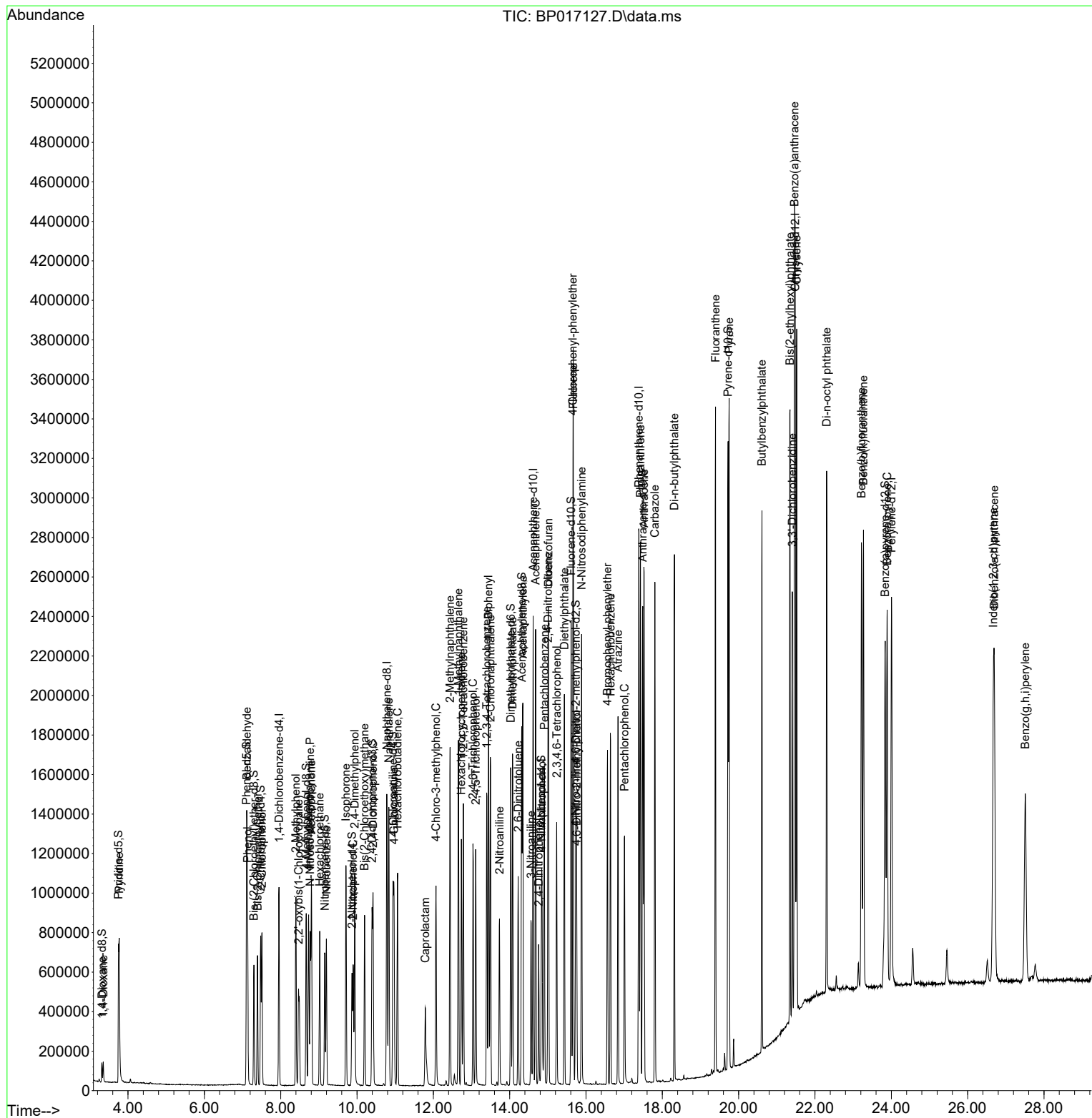
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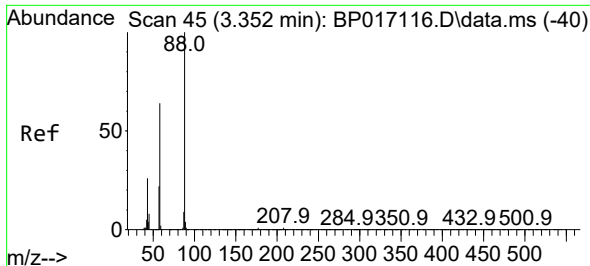
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	760579	18.975	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.787	216	422024	18.930	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	317870	22.885	ng/ul	98
41) 2,4,6-Trichlorophenol	13.039	196	267665	18.900	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	286604	19.035	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	999863	18.629	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	803530	18.852	ng/ul	98
45) 2-Nitroaniline	13.734	65	214132	18.547	ng/ul	95
47) Dimethylphthalate	14.075	163	1013824	18.749	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	190287	19.249	ng/ul	99
50) Acenaphthylene	14.345	152	1309352	18.753	ng/ul	100
51) 3-Nitroaniline	14.563	138	192948	18.245	ng/ul	95
52) Acenaphthene	14.681	153	853266	18.467	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	137084	19.798	ng/ul	95
55) 4-Nitrophenol	14.845	109	139538	16.935	ng/ul	97
56) Dibenzofuran	15.016	168	1186197	18.578	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	288035	19.568	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.233	232	248346	18.802	ng/ul	95
59) Diethylphthalate	15.433	149	1018554	19.079	ng/ul	99
61) Fluorene	15.669	166	977282	18.513	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	510598	19.024	ng/ul	98
63) 4-Nitroaniline	15.728	138	189544	19.279	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	182194	18.144	ng/ul	94
67) N-Nitrosodiphenylamine	15.886	169	819842	18.827	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	303979	19.042	ng/ul	96
69) Hexachlorobenzene	16.645	284	355021	18.789	ng/ul	98
70) Atrazine	16.839	200	317018	20.112	ng/ul	99
71) Pentachlorophenol	17.010	266	213289	17.369	ng/ul	98
72) Phenanthrene	17.427	178	1565203	18.598	ng/ul	100
74) Anthracene	17.522	178	1579287	18.528	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	443803	19.167	ng/ul	99
76) Pentachlorobenzene	14.910	250	401394	19.104	ng/ul	99
77) Carbazole	17.804	167	1417722	18.942	ng/ul	100
78) Di-n-butylphthalate	18.316	149	1707087	20.015	ng/ul	100
80) Fluoranthene	19.392	202	1852168	19.738	ng/ul	98
82) Pyrene	19.751	202	1934985	19.516	ng/ul	100
83) Butylbenzylphthalate	20.610	149	735311	20.794	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	578457	18.432	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1888666	18.843	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1050701	21.166	ng/ul	98
87) Chrysene	21.521	228	1742262	18.687	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1717760	20.615	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1675521	18.915	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1674062	19.011	ng/ul	100
93) Benzo(a)pyrene	23.892	252	1535102	18.680	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	1674987	18.406	ng/ul	99
95) Dibenzo(a,h)anthracene	26.698	278	1410005	18.445	ng/ul	100
96) Benzo(g,h,i)perylene	27.509	276	1287463	18.296	ng/ul	98

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

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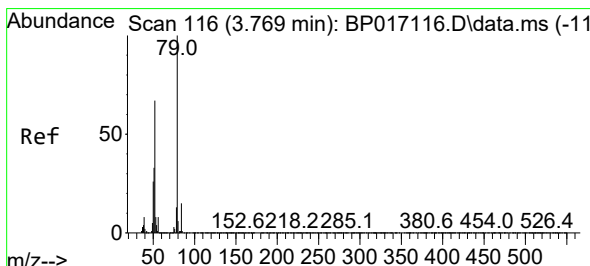
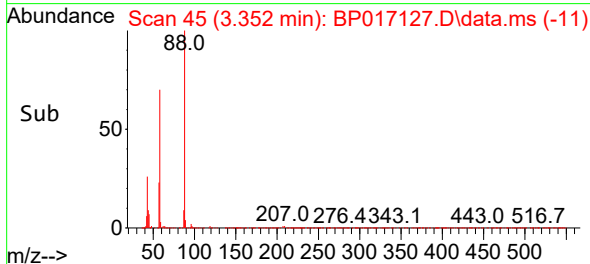
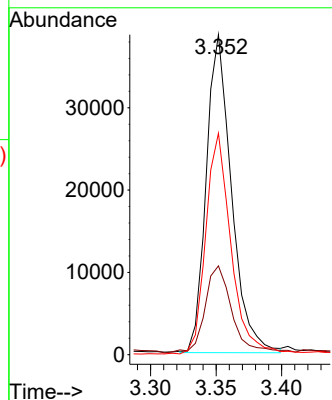
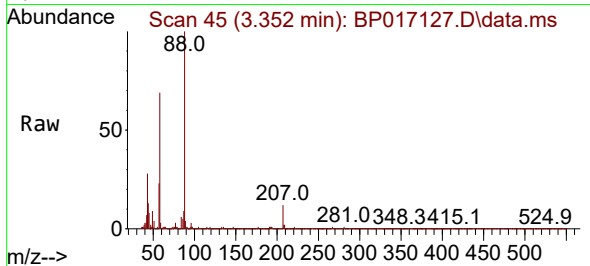




#2
1,4-Dioxane
Concen: 7.554 ng/uL
RT: 3.352 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP017127.D
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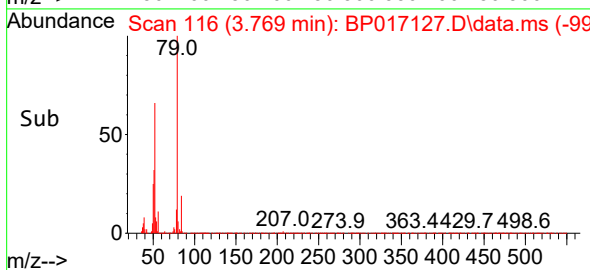
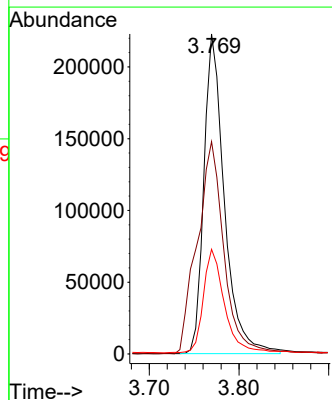
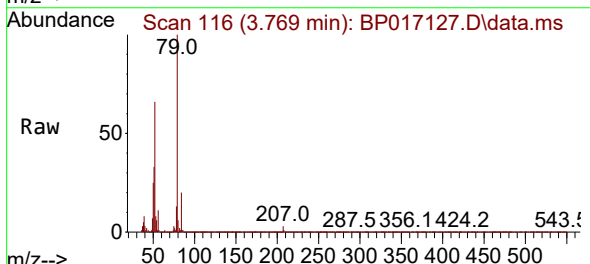
Instrument :
BNA_P
ClientSampleId :

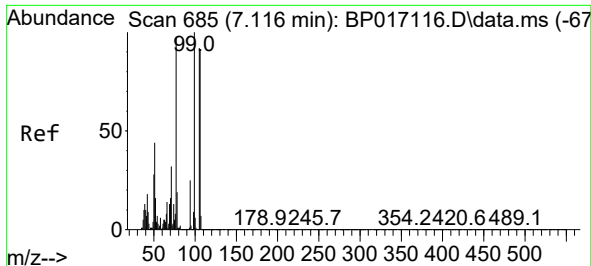
Tgt Ion: 88 Resp: 51846
Ion Ratio Lower Upper
88 100
43 27.7 21.9 32.9
58 69.2 50.8 76.2



#5
Pyridine
Concen: 18.664 ng/uL
RT: 3.769 min Scan# 116
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion: 79 Resp: 353014
Ion Ratio Lower Upper
79 100
52 66.4 54.5 81.7
51 32.7 27.0 40.6

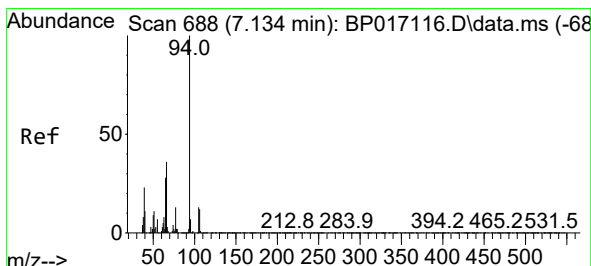
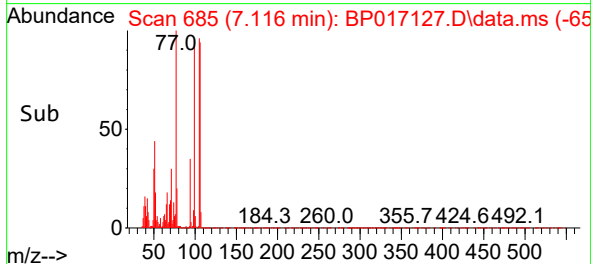
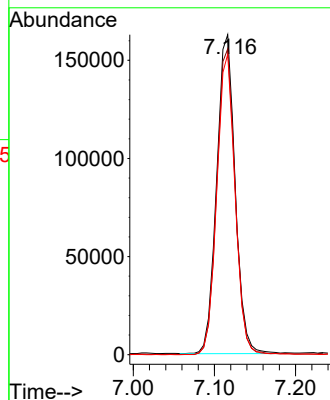
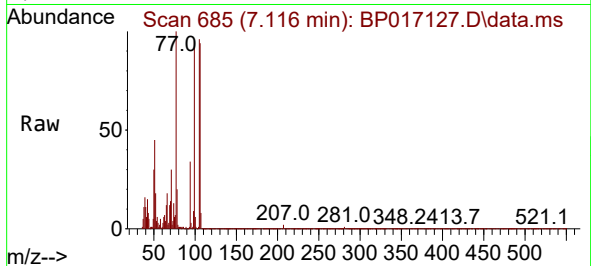




#6
Benzaldehyde
Concen: 21.203 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

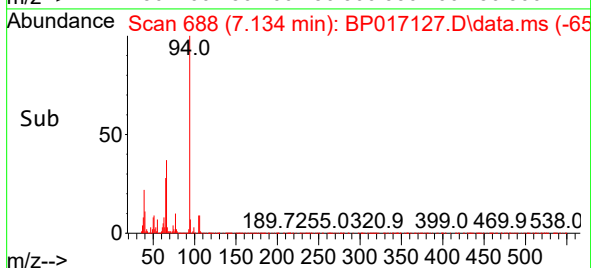
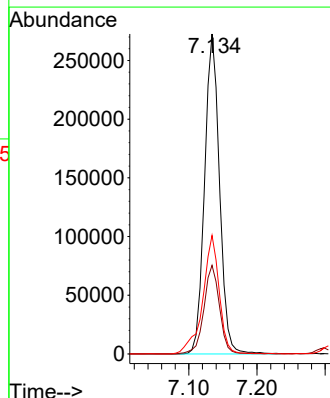
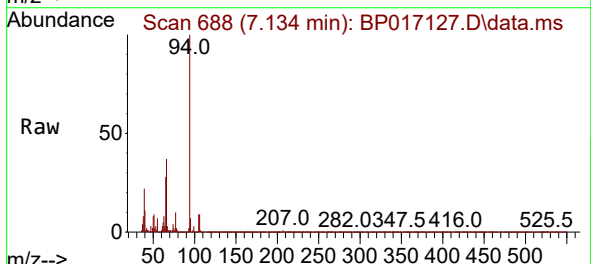
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ClientSampleId :

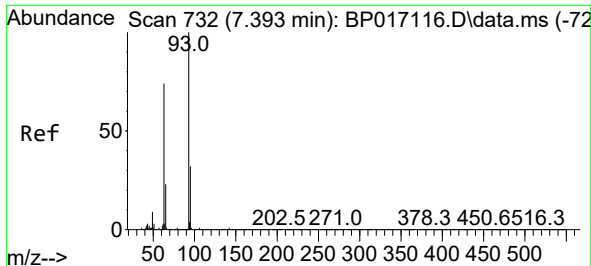
Tgt Ion: 77 Resp: 257475
Ion Ratio Lower Upper
77 100
105 95.6 75.3 112.9
106 93.9 74.6 111.8



#8
Phenol
Concen: 18.052 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion: 94 Resp: 415262
Ion Ratio Lower Upper
94 100
65 27.7 22.7 34.1
66 37.0 29.6 44.4

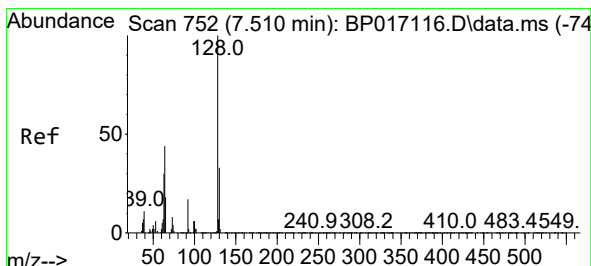
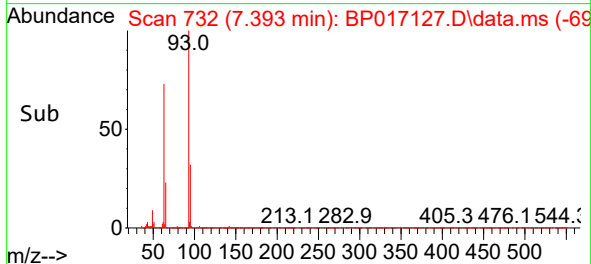
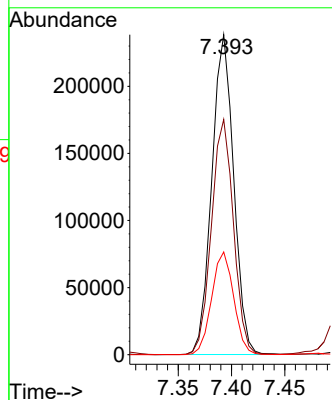
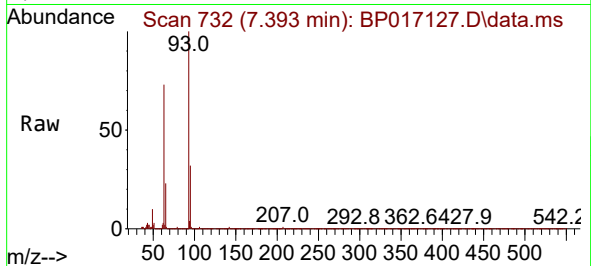




#10
Bis(2-Chloroethyl)ether
Concen: 18.585 ng/ul
RT: 7.393 min Scan# 732
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

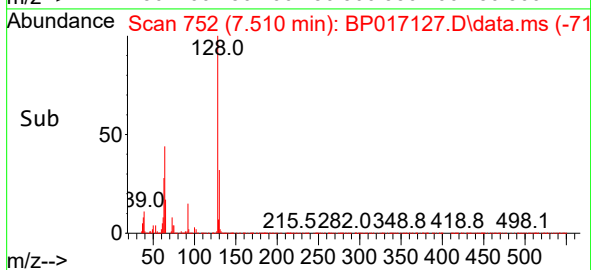
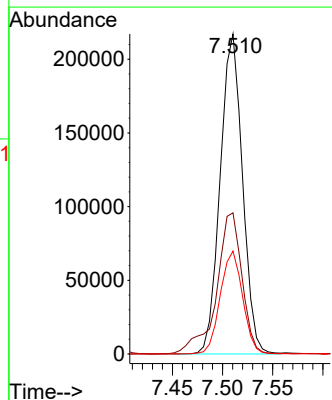
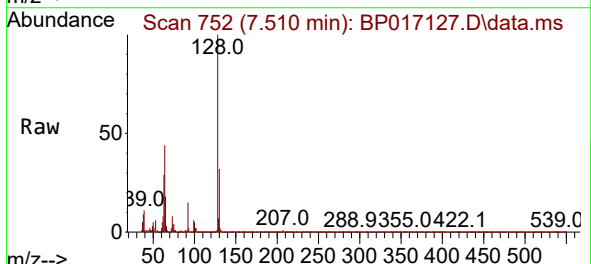
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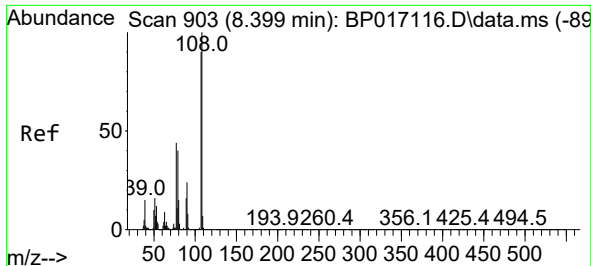
Tgt Ion: 93 Resp: 340987
Ion Ratio Lower Upper
93 100
63 73.5 59.5 89.3
95 32.1 25.8 38.6



#12
2-Chlorophenol
Concen: 18.976 ng/ul
RT: 7.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:128 Resp: 335141
Ion Ratio Lower Upper
128 100
64 44.1 36.8 55.2
130 32.2 26.3 39.5





#13

2-Methylphenol

Concen: 18.045 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. -0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

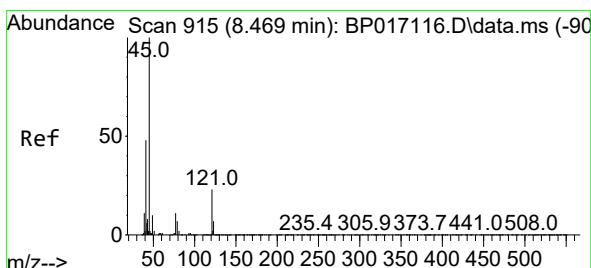
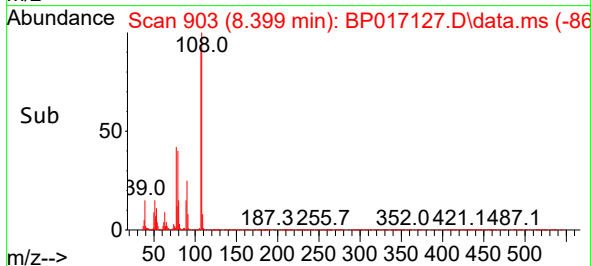
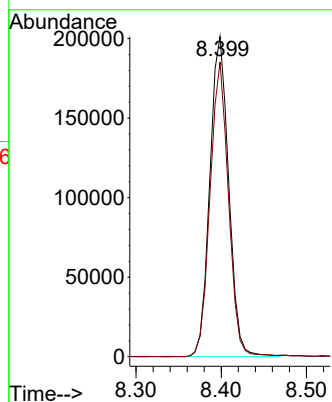
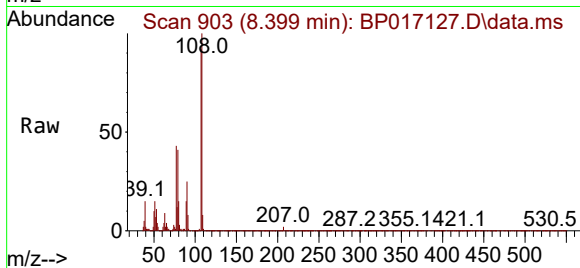
ClientSampleId :

Tgt Ion:108 Resp: 309459

Ion Ratio Lower Upper

108 100

107 92.1 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 11.636 ng/ul

RT: 8.469 min Scan# 915

Delta R.T. -0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

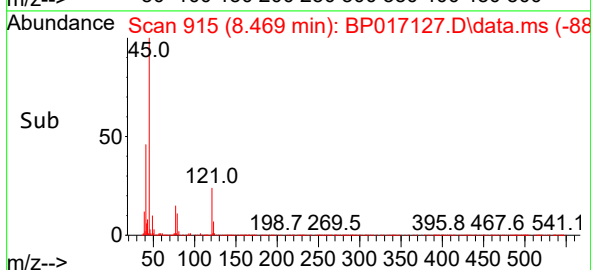
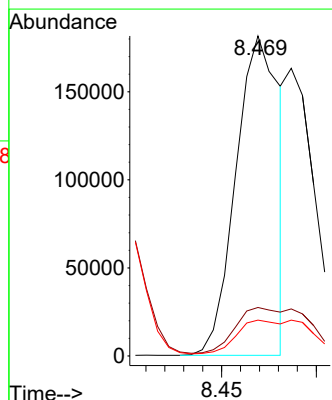
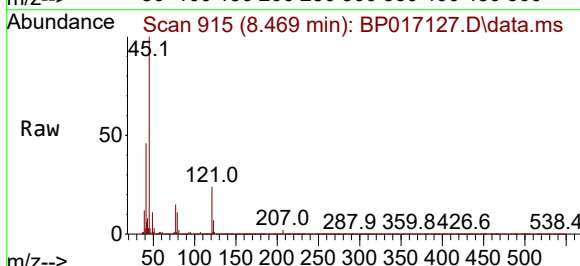
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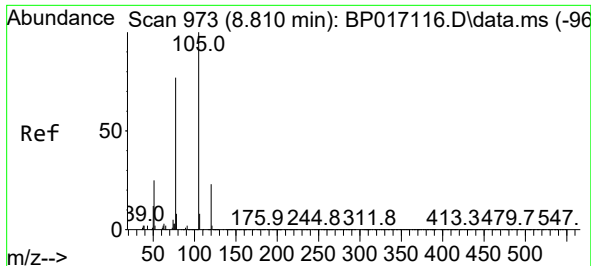
Ion Ratio Lower Upper

45 100

77 15.1 12.5 18.7

79 11.2 8.8 13.2

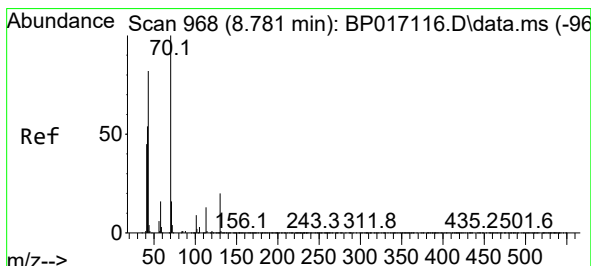
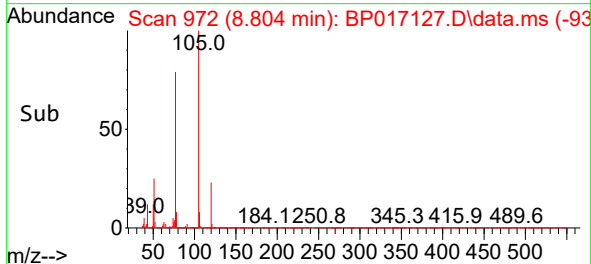
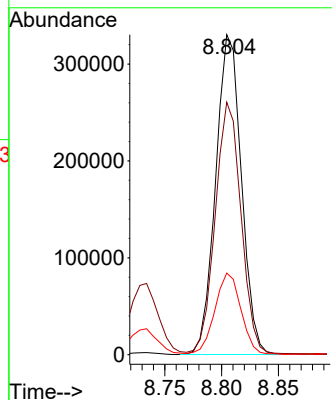
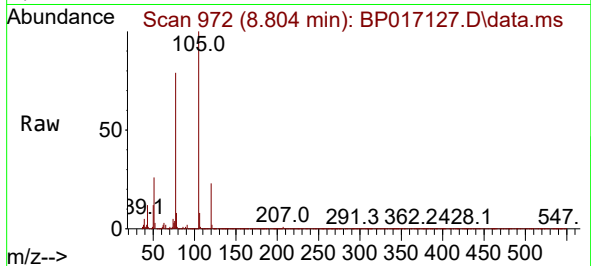




#16
Acetophenone
Concen: 18.410 ng/ul
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

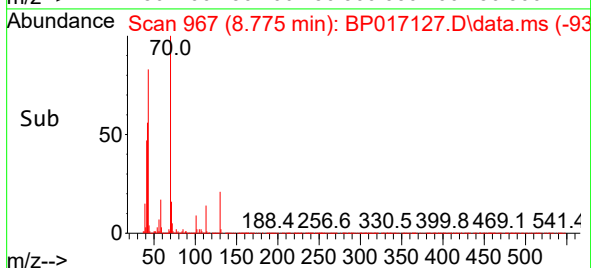
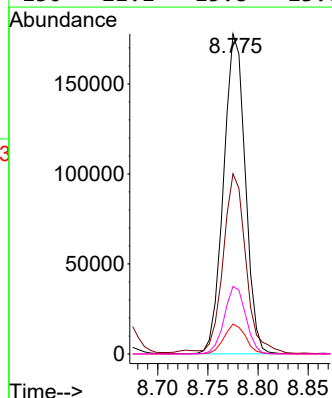
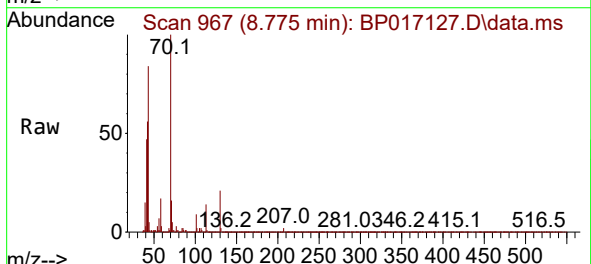
Instrument :
BNA_P
ClientSampleId :

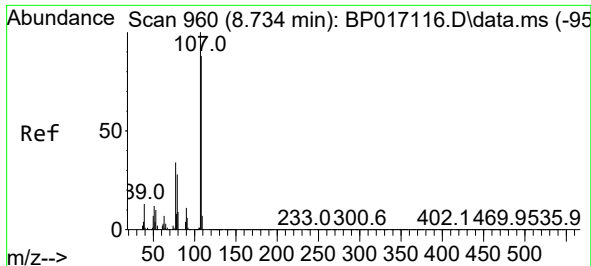
Tgt Ion:105 Resp: 520876
Ion Ratio Lower Upper
105 100
77 78.9 63.0 94.4
51 25.5 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 18.374 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion: 70 Resp: 267150
Ion Ratio Lower Upper
70 100
42 56.3 43.9 65.9
101 9.4 7.0 10.4
130 21.1 15.8 23.6

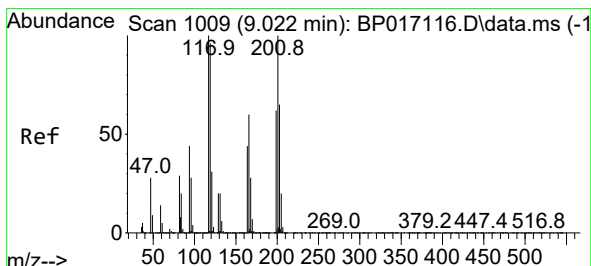
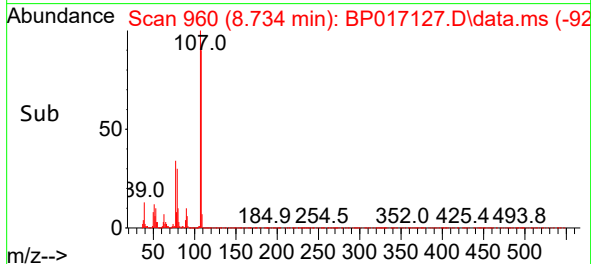
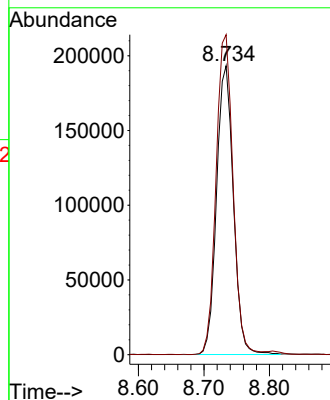
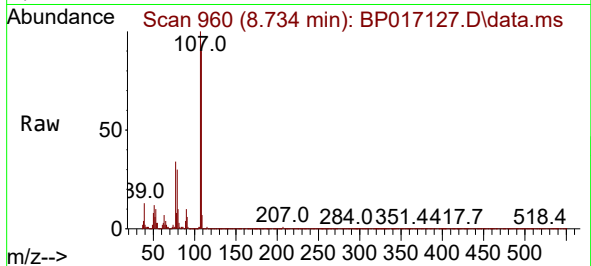




#18
4-Methylphenol
Concen: 18.079 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

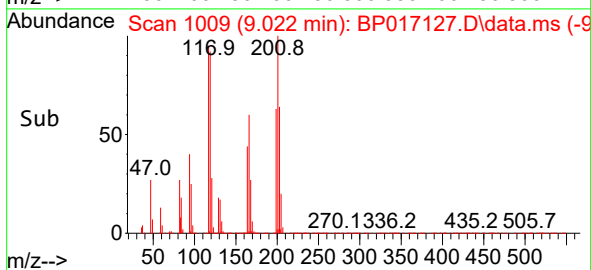
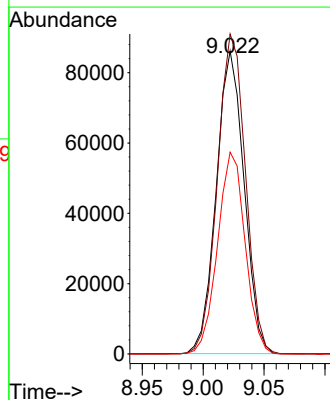
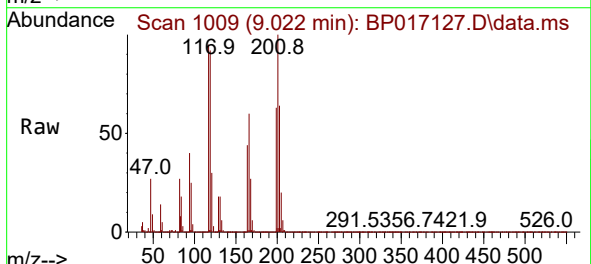
Instrument :
BNA_P
ClientSampleId :

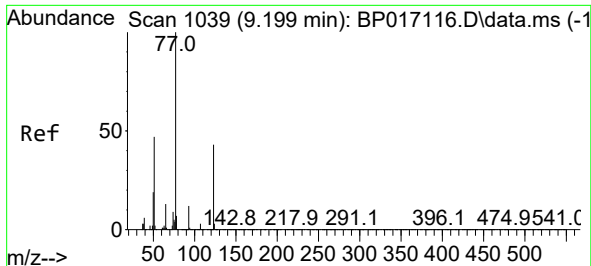
Tgt Ion:108 Resp: 343025
Ion Ratio Lower Upper
108 100
107 110.8 91.4 137.0



#19
Hexachloroethane
Concen: 18.844 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:117 Resp: 136873
Ion Ratio Lower Upper
117 100
201 105.6 79.9 119.9
199 66.6 49.4 74.2

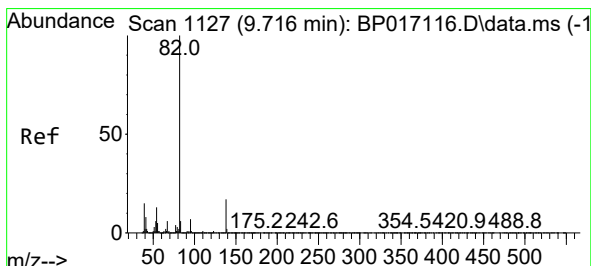
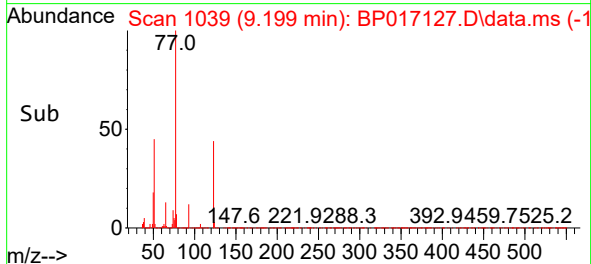
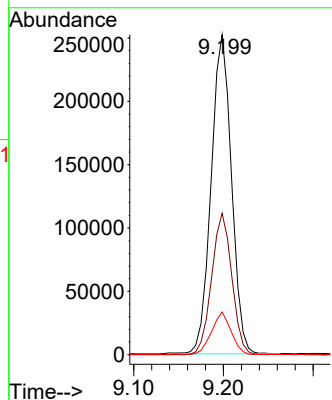
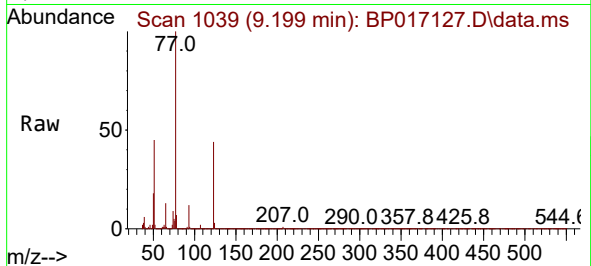




#22
Nitrobenzene
Concen: 18.716 ng/ul
RT: 9.199 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

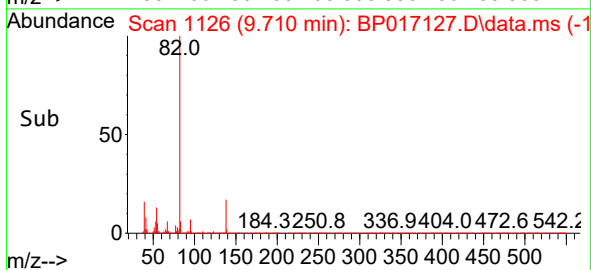
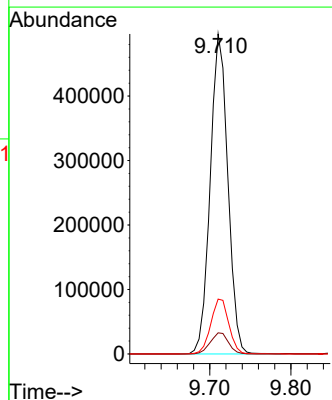
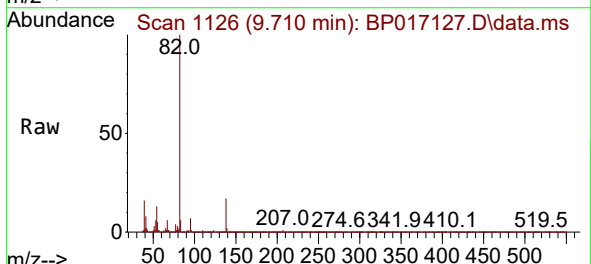
Instrument :
BNA_P
ClientSampleId :

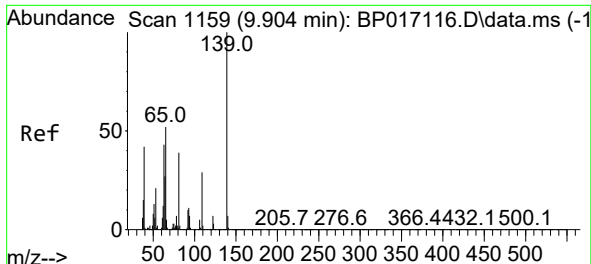
Tgt Ion: 77 Resp: 395802
Ion Ratio Lower Upper
77 100
123 44.2 34.6 51.8
65 13.4 10.6 16.0



#23
Isophorone
Concen: 18.849 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion: 82 Resp: 746964
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 17.2 14.0 21.0

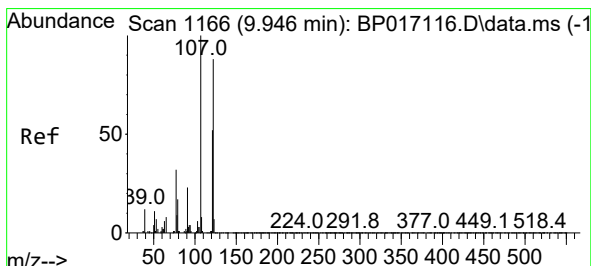
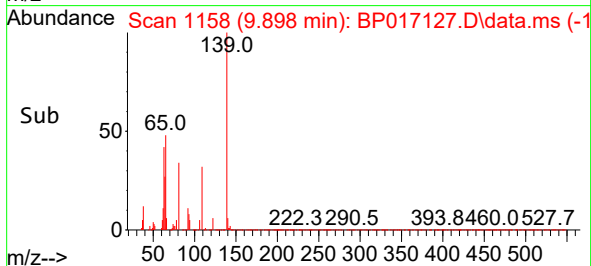
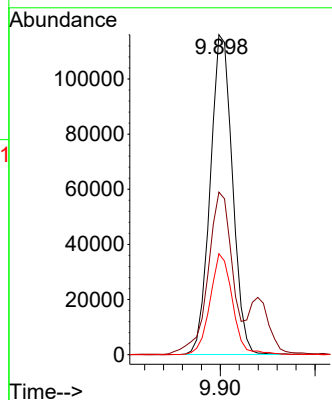
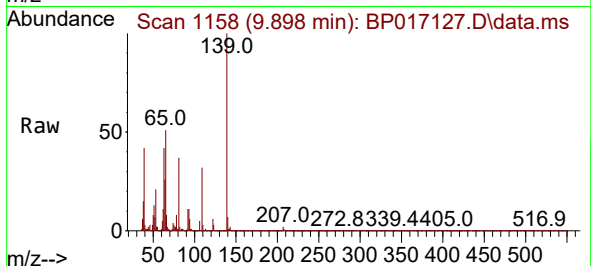




#25
2-Nitrophenol
Concen: 19.633 ng/ul
RT: 9.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

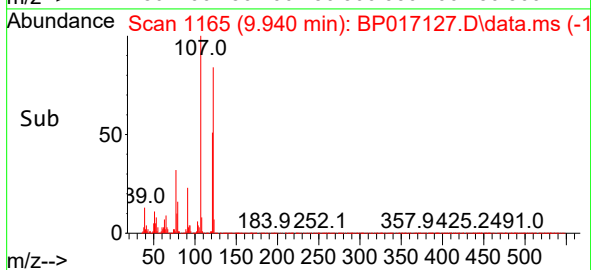
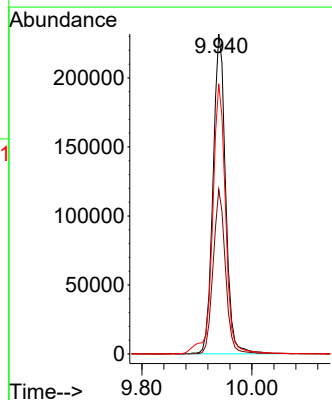
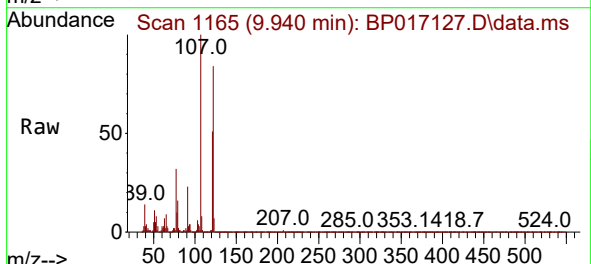
Instrument :
BNA_P
ClientSampleId :

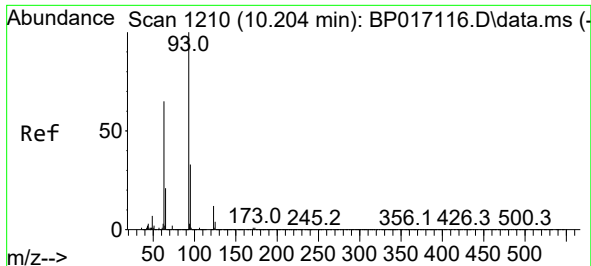
Tgt Ion:139 Resp: 189175
Ion Ratio Lower Upper
139 100
65 50.8 41.9 62.9
109 31.6 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 18.801 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:107 Resp: 369193
Ion Ratio Lower Upper
107 100
121 51.4 41.7 62.5
122 84.4 70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 18.848 ng/ul

RT: 10.198 min Scan# 1209

Delta R.T. -0.006 min

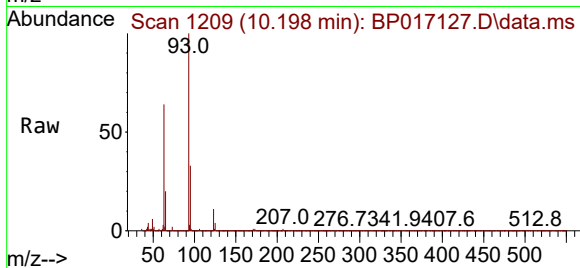
Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :



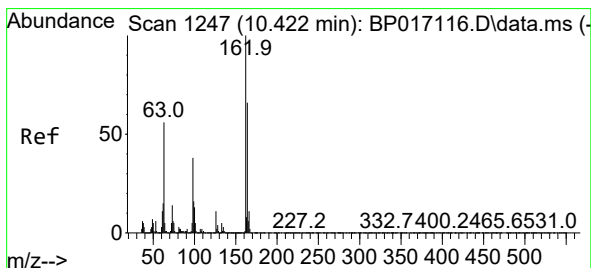
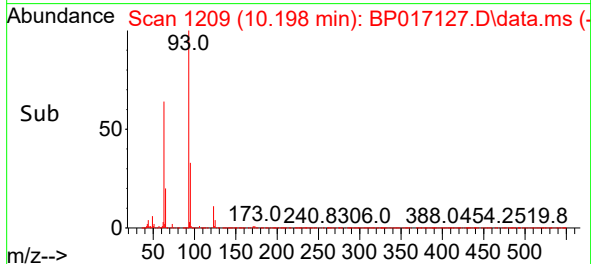
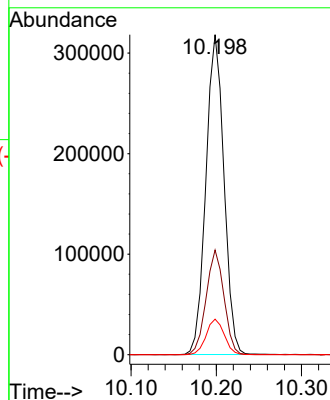
Tgt Ion: 93 Resp: 468155

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.1 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 19.297 ng/ul

RT: 10.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

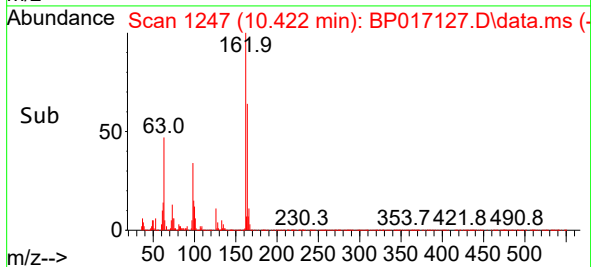
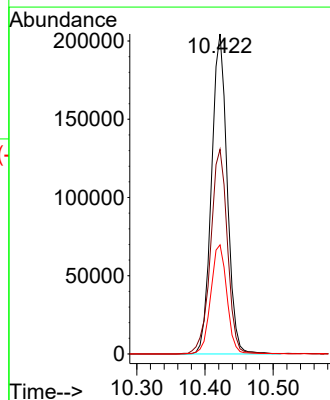
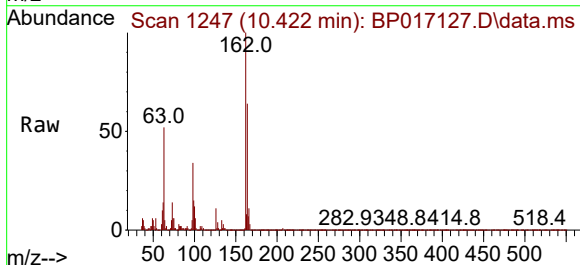
Tgt Ion: 162 Resp: 327496

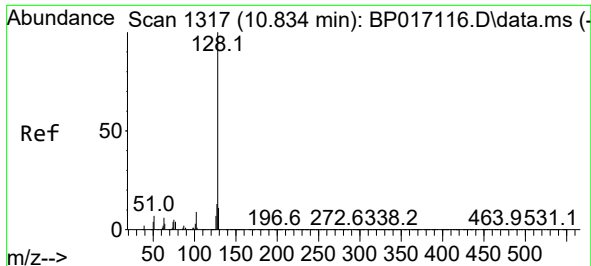
Ion Ratio Lower Upper

162 100

164 63.9 53.2 79.8

98 34.1 30.0 45.0

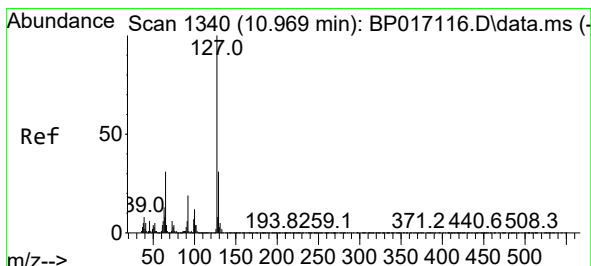
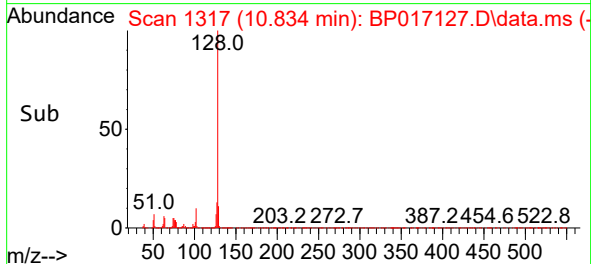
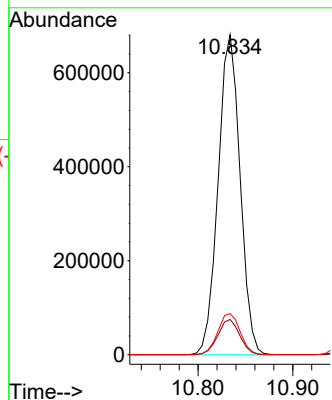
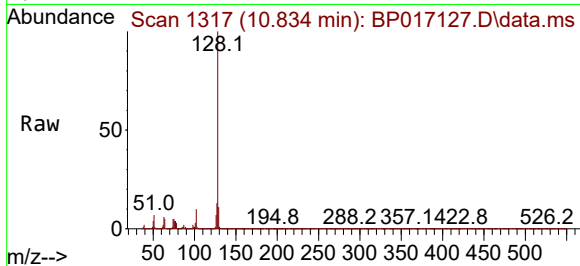




#30
Naphthalene
Concen: 18.689 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

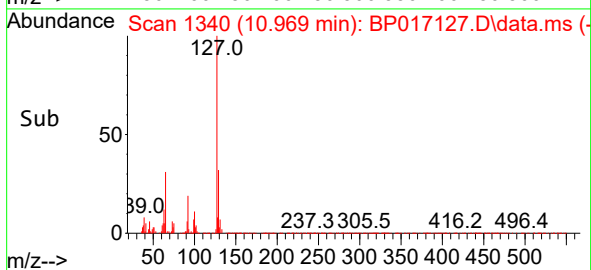
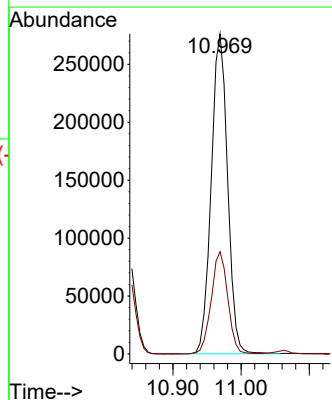
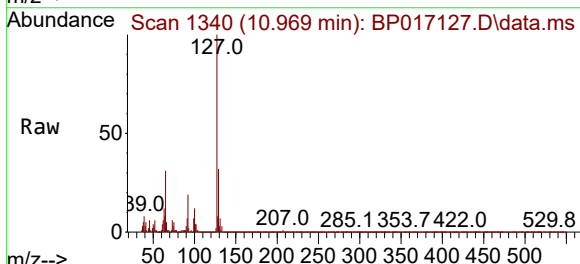
Instrument :
BNA_P
ClientSampleId :

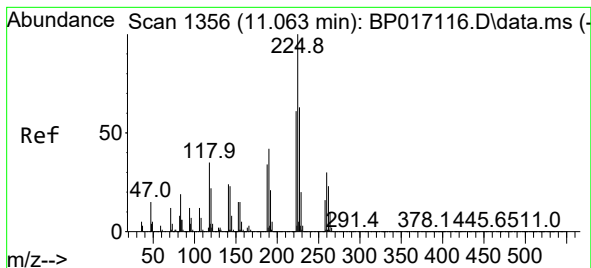
Tgt Ion:128 Resp: 1096761
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 18.671 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:127 Resp: 460422
Ion Ratio Lower Upper
127 100
129 32.0 24.8 37.2





#33

Hexachlorobutadiene

Concen: 19.086 ng/ul

RT: 11.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

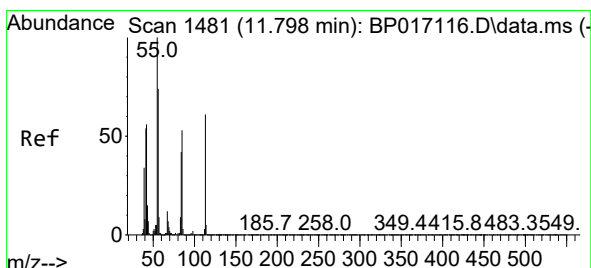
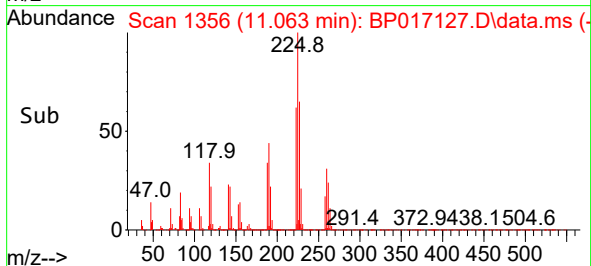
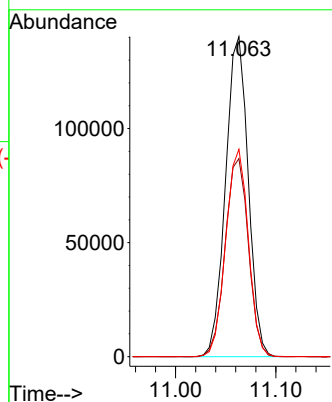
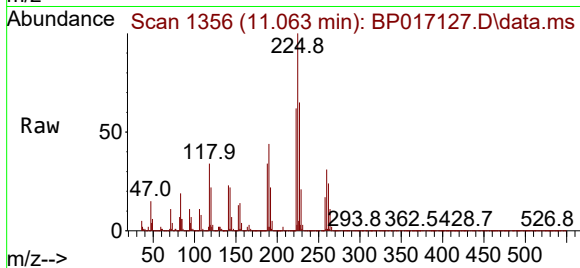
Tgt Ion:225 Resp: 219948

Ion Ratio Lower Upper

225 100

223 61.9 49.0 73.4

227 64.8 50.2 75.4



#34

Caprolactam

Concen: 18.812 ng/ul

RT: 11.787 min Scan# 1479

Delta R.T. -0.012 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

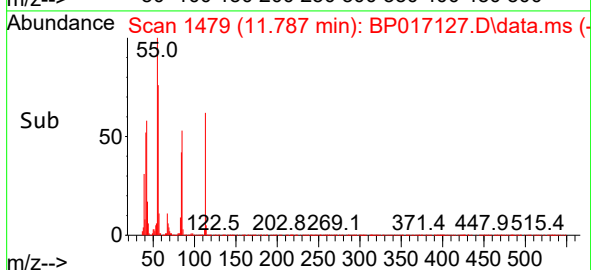
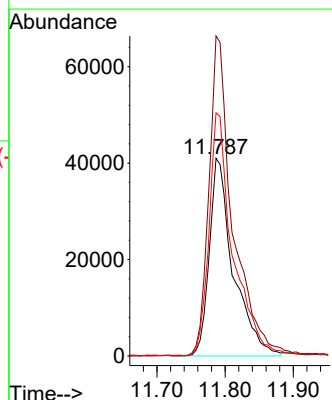
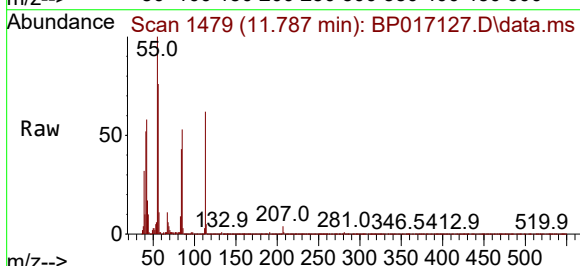
Tgt Ion:113 Resp: 100356

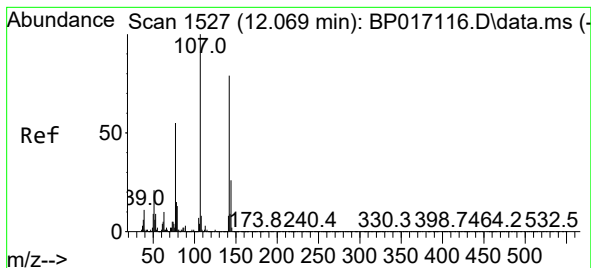
Ion Ratio Lower Upper

113 100

55 162.0 130.7 196.1

56 123.1 96.8 145.2

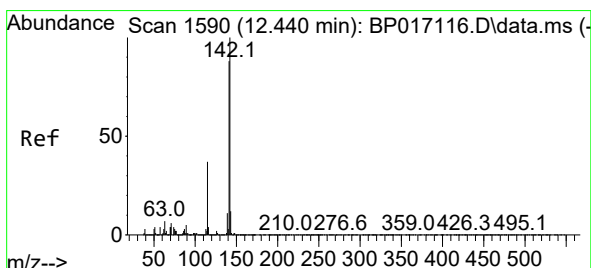
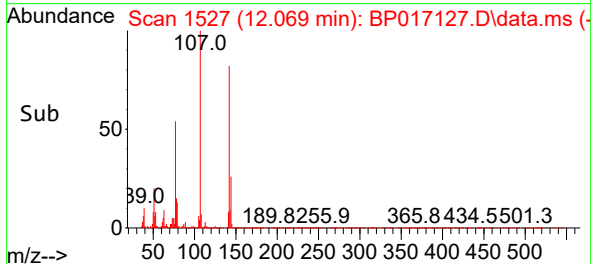
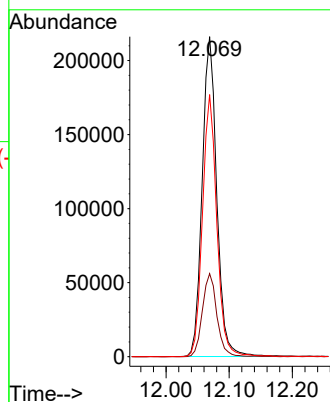
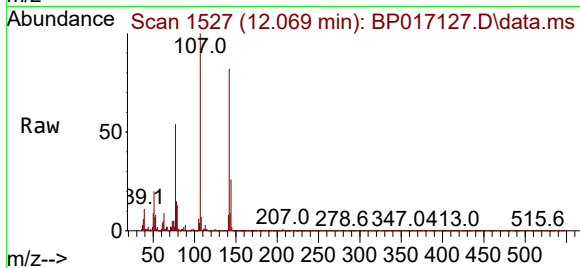




#35
4-Chloro-3-methylphenol
Concen: 18.856 ng/ul
RT: 12.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

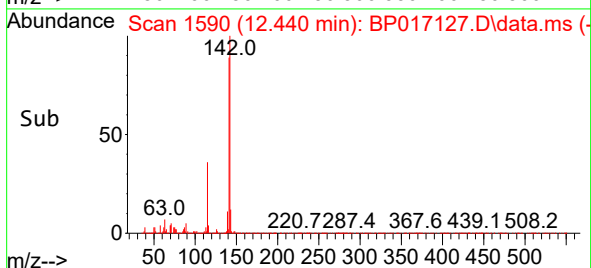
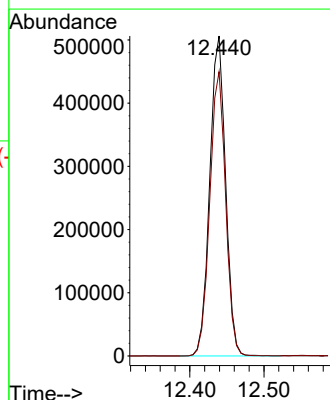
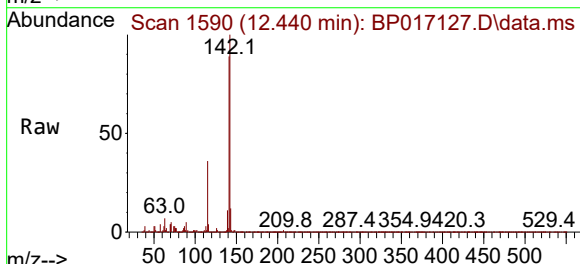
Instrument :
BNA_P
ClientSampleId :

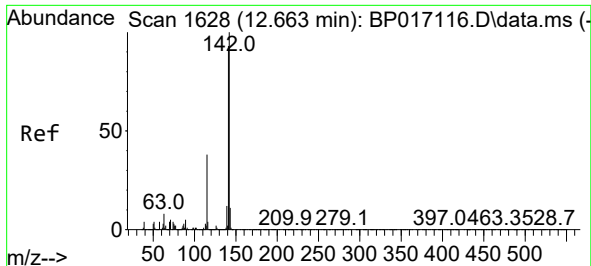
Tgt Ion:107 Resp: 346244
Ion Ratio Lower Upper
107 100
144 25.9 20.6 31.0
142 81.9 63.4 95.0



#36
2-Methylnaphthalene
Concen: 18.932 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:142 Resp: 749674
Ion Ratio Lower Upper
142 100
141 88.9 70.1 105.1





#37

1-Methylnaphthalene

Concen: 18.975 ng/ul

RT: 12.657 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

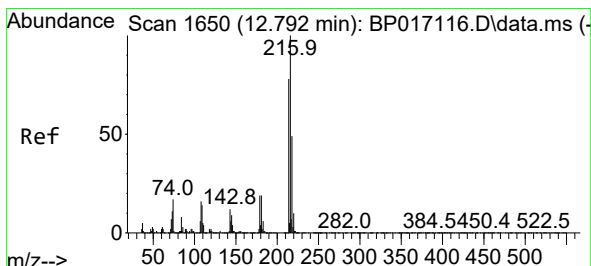
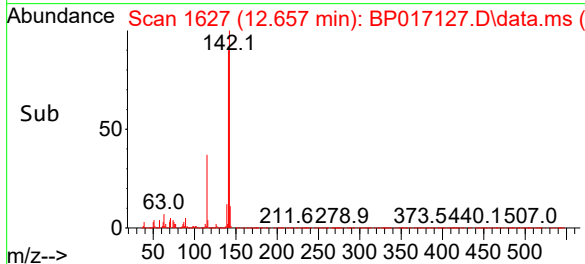
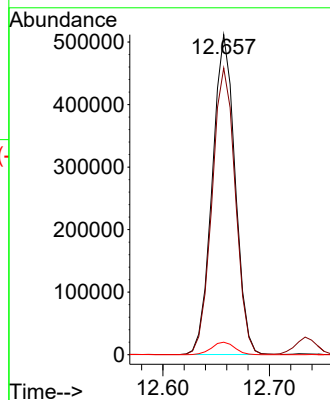
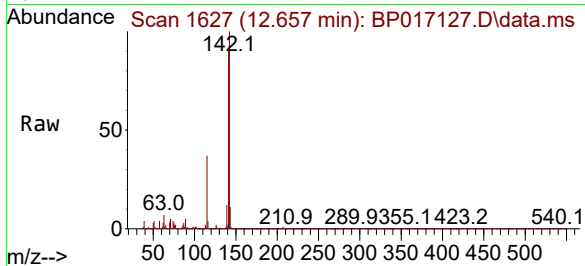
Tgt Ion:142 Resp: 760579

Ion Ratio Lower Upper

142 100

141 89.6 74.1 111.1

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.930 ng/ul

RT: 12.787 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Tgt Ion:216 Resp: 422024

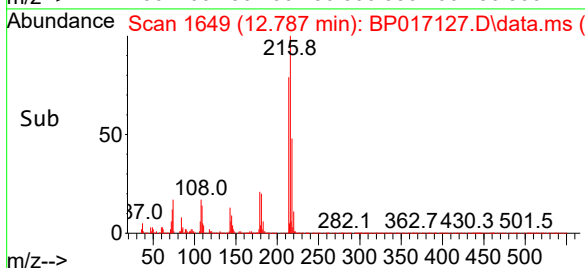
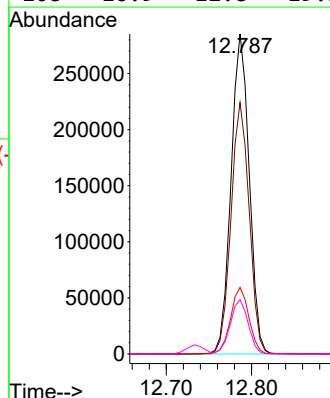
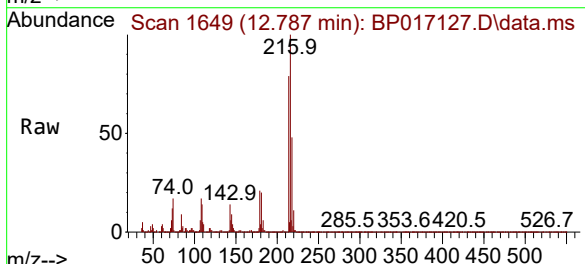
Ion Ratio Lower Upper

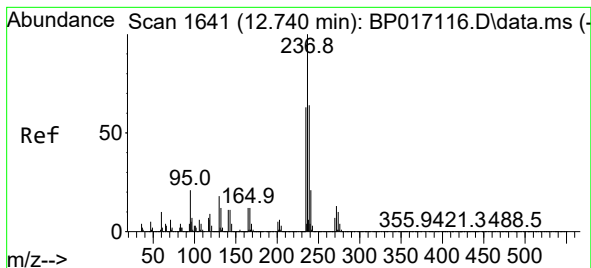
216 100

214 78.6 62.1 93.1

179 20.8 15.6 23.4

108 16.9 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 22.885 ng/ul

RT: 12.734 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

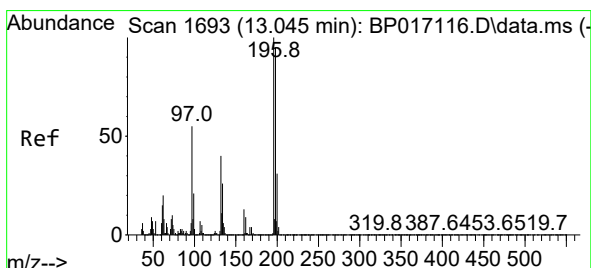
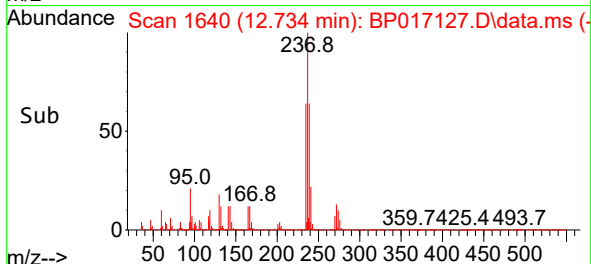
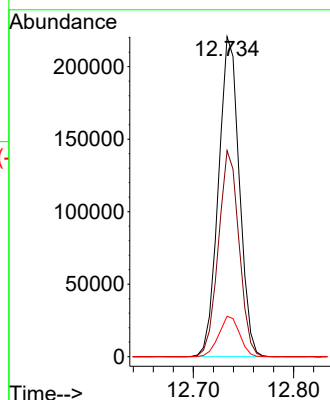
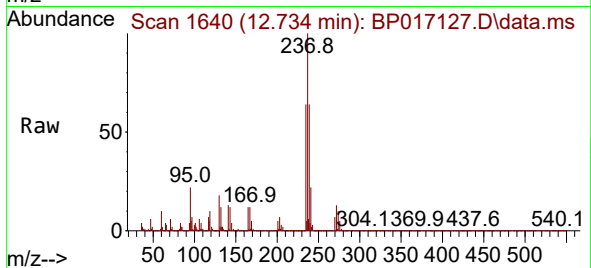
Tgt Ion:237 Resp: 317870

Ion Ratio Lower Upper

237 100

235 64.4 50.4 75.6

272 12.7 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 18.900 ng/ul

RT: 13.039 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

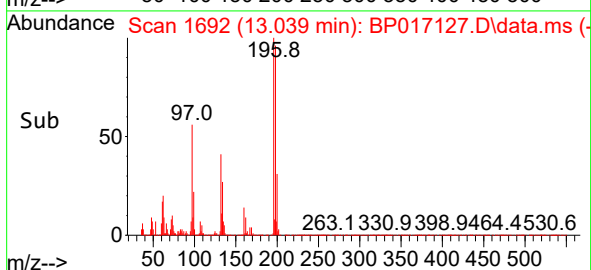
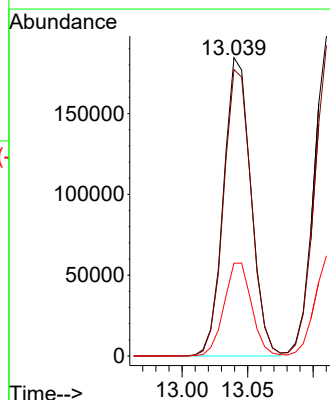
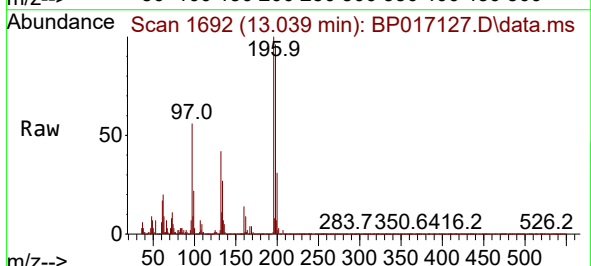
Tgt Ion:196 Resp: 267665

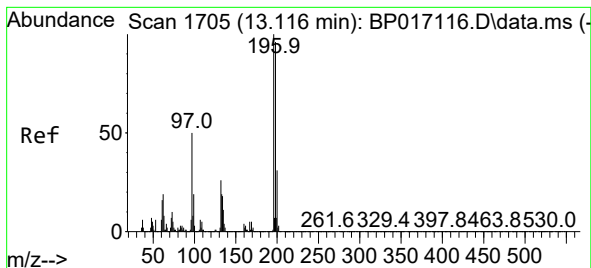
Ion Ratio Lower Upper

196 100

198 96.1 76.0 114.0

200 31.1 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 19.035 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

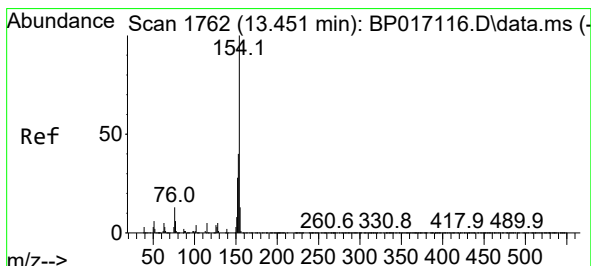
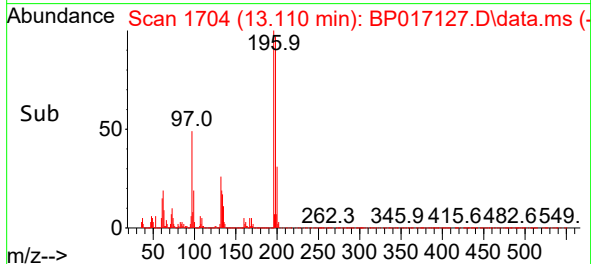
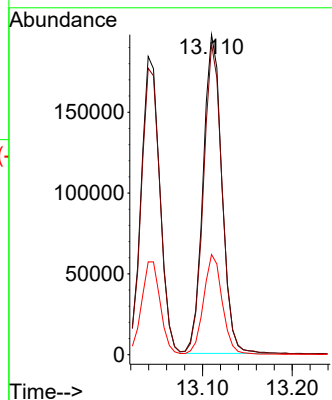
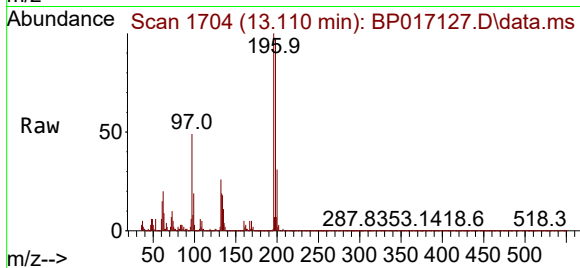
Tgt Ion:196 Resp: 286604

Ion Ratio Lower Upper

196 100

198 97.1 76.9 115.3

200 31.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 18.629 ng/ul

RT: 13.445 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

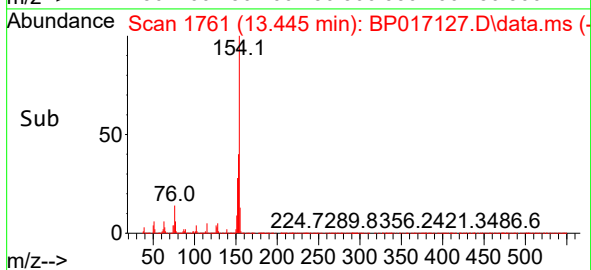
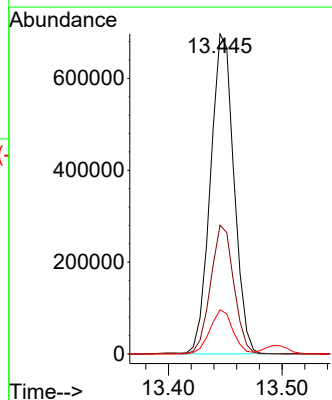
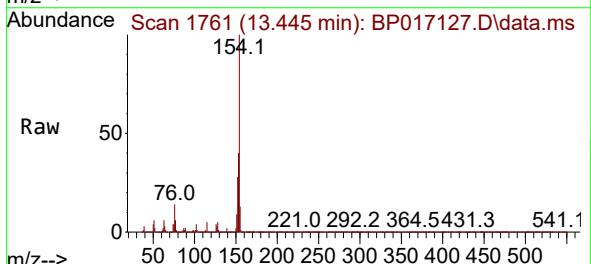
Tgt Ion:154 Resp: 999863

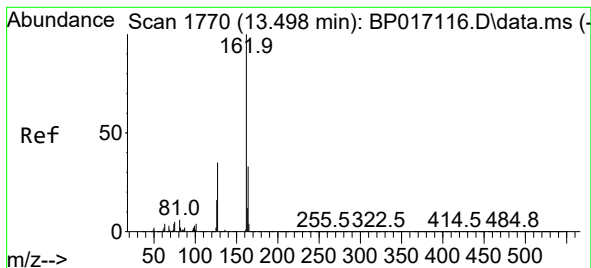
Ion Ratio Lower Upper

154 100

153 40.3 31.8 47.8

76 13.8 10.8 16.2





#44

2-Chloronaphthalene

Concen: 18.852 ng/ul

RT: 13.498 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

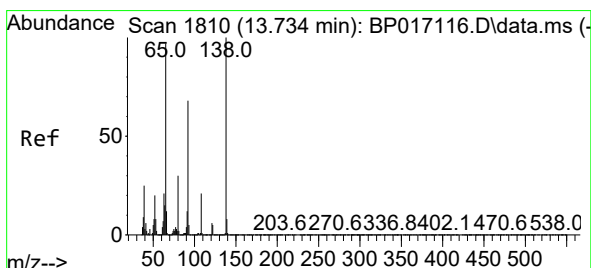
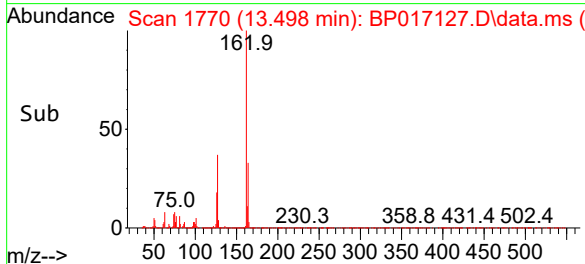
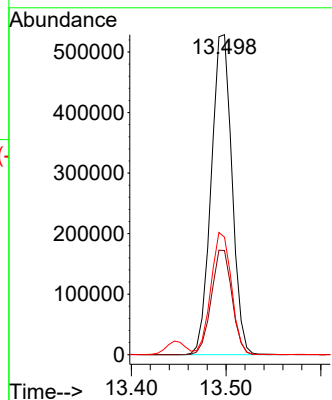
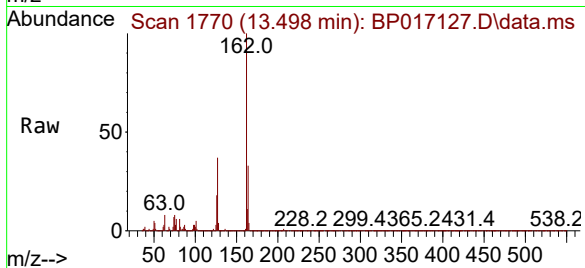
Tgt Ion:162 Resp: 803530

Ion Ratio Lower Upper

162 100

164 32.6 26.6 39.8

127 36.7 31.0 46.4



#45

2-Nitroaniline

Concen: 18.547 ng/ul

RT: 13.734 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

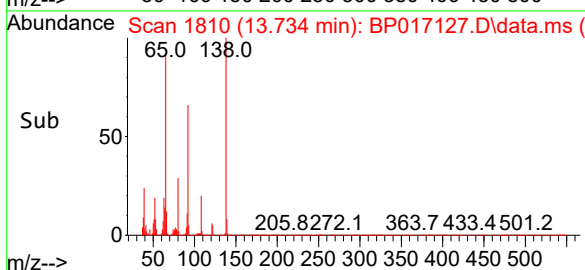
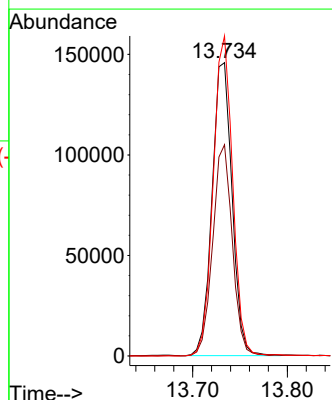
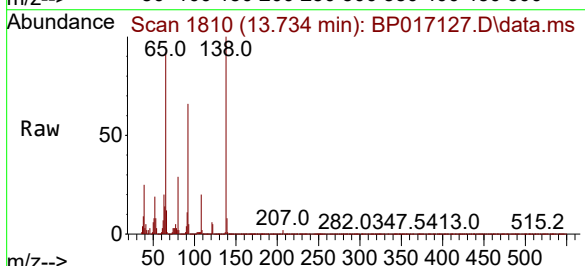
Tgt Ion: 65 Resp: 214132

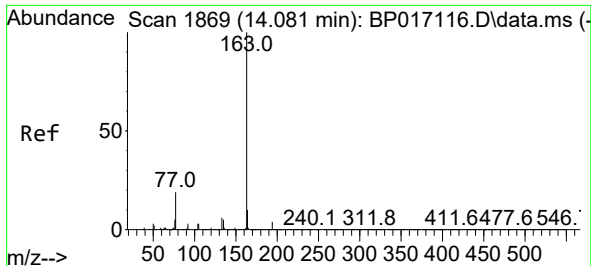
Ion Ratio Lower Upper

65 100

92 72.0 55.6 83.4

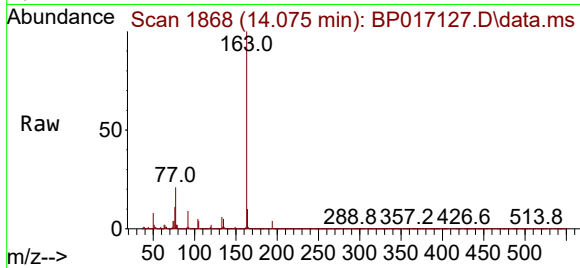
138 109.1 82.2 123.2



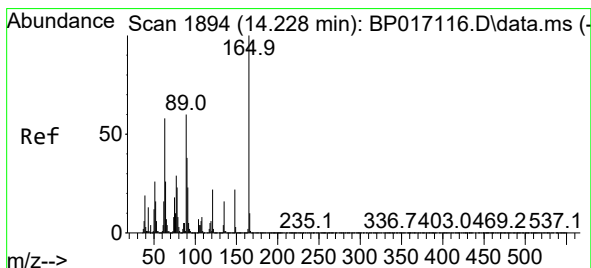
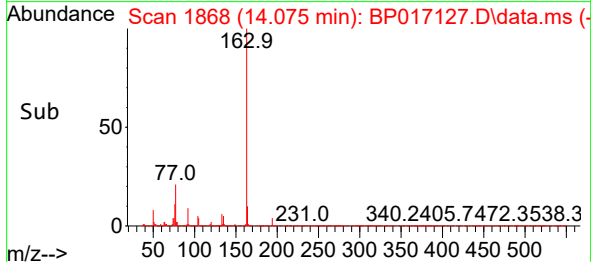
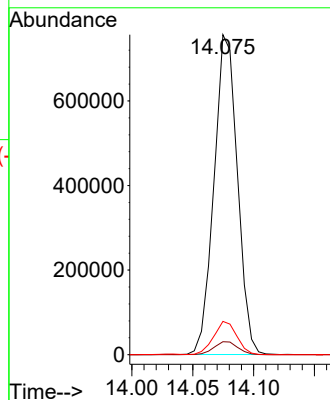


#47
Dimethylphthalate
Concen: 18.749 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Instrument :
BNA_P
ClientSampleId :

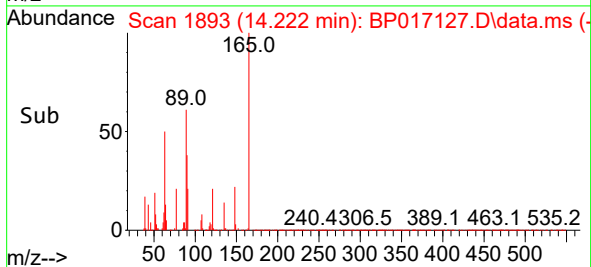
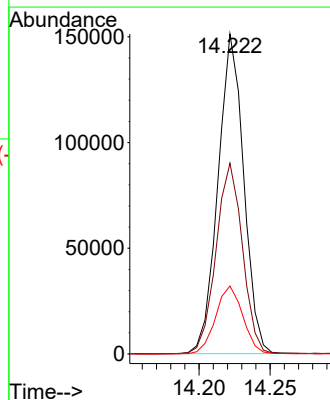
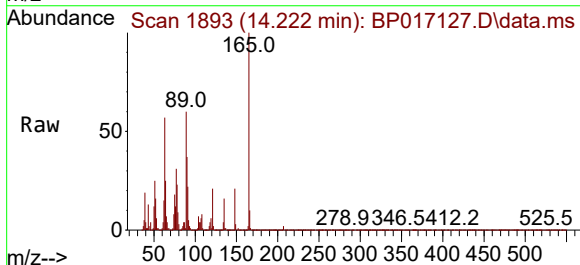


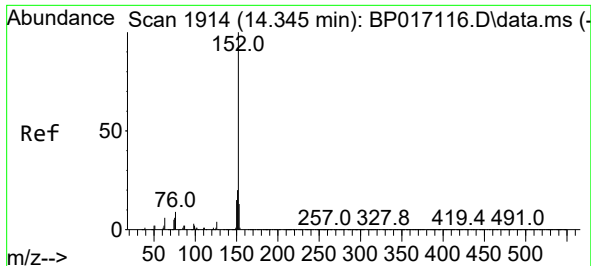
Tgt Ion:163 Resp: 1013824
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 19.249 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

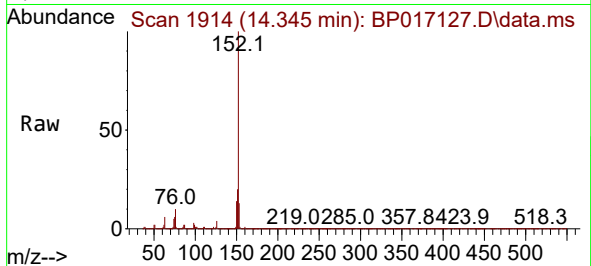
Tgt Ion:165 Resp: 190287
Ion Ratio Lower Upper
165 100
89 59.6 47.8 71.8
121 21.3 17.4 26.2



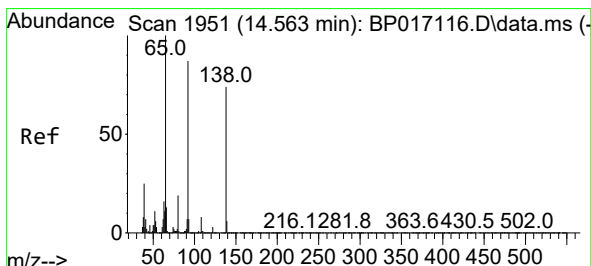
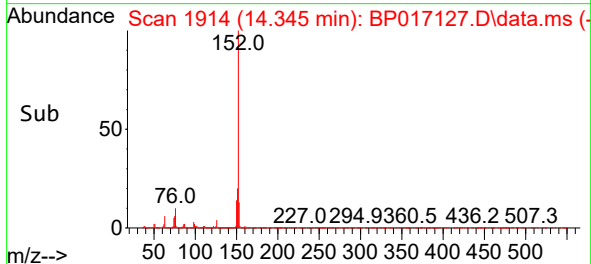
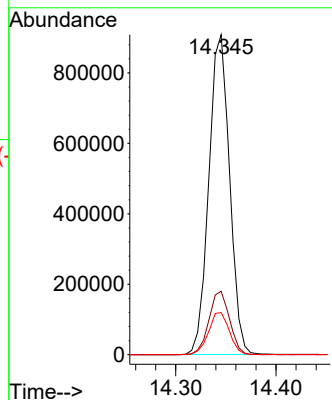


#50
Acenaphthylene
Concen: 18.753 ng/ul
RT: 14.345 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Instrument :
BNA_P
ClientSampleId :

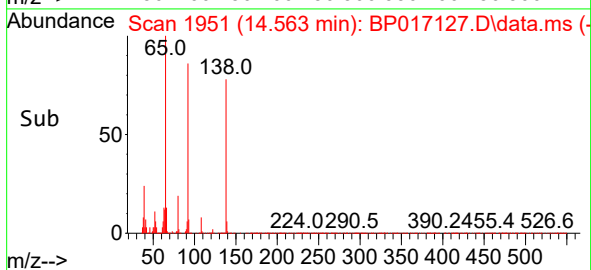
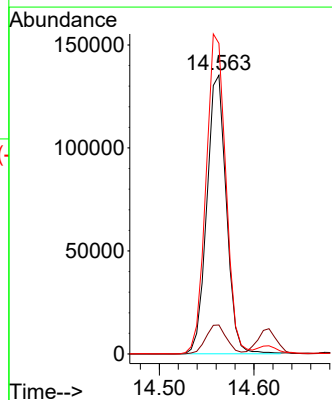
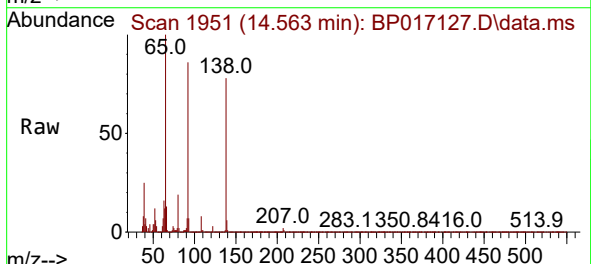


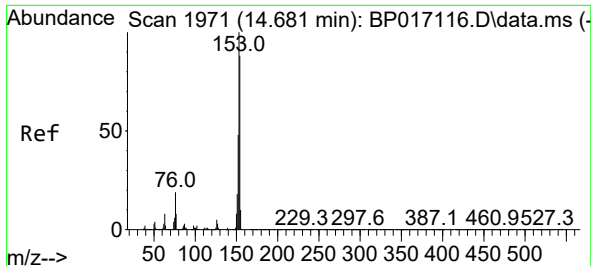
Tgt Ion:152 Resp: 1309352
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 18.245 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:138 Resp: 192948
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 111.4 94.2 141.4

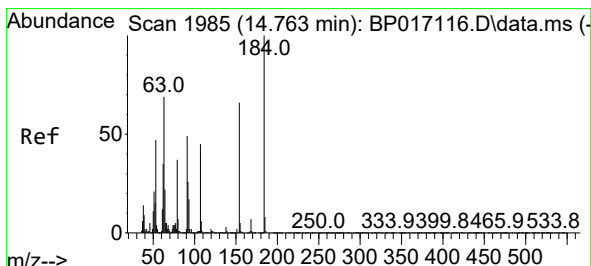
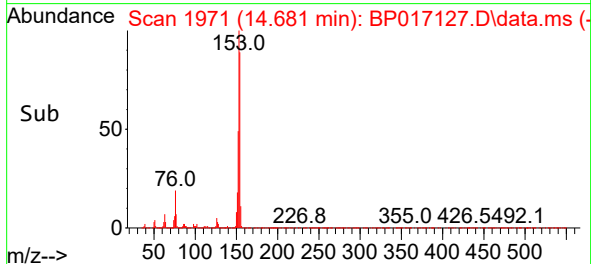
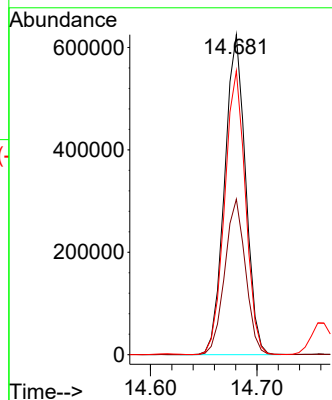
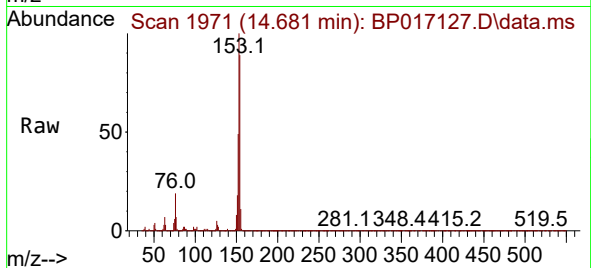




#52
Acenaphthene
Concen: 18.467 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

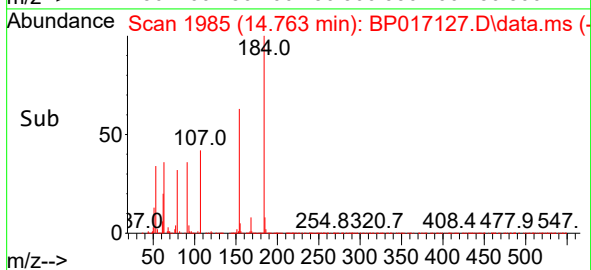
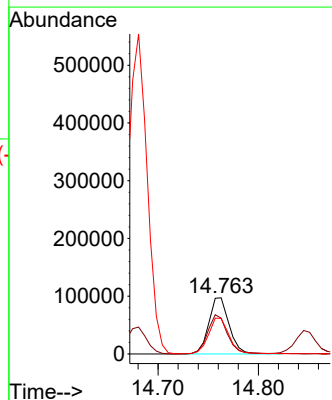
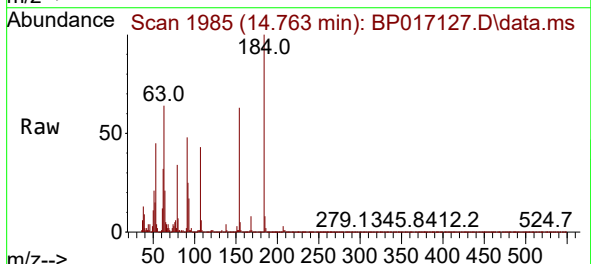
Instrument :
BNA_P
ClientSampleId :

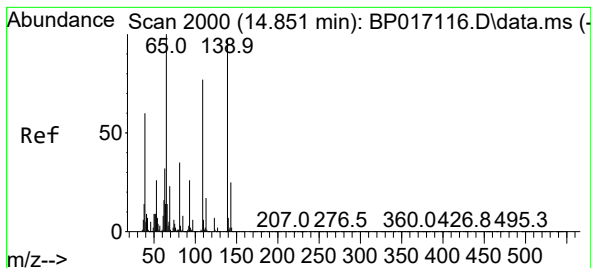
Tgt Ion:153 Resp: 853266
Ion Ratio Lower Upper
153 100
152 48.6 38.6 57.8
154 88.7 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 19.798 ng/ul
RT: 14.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:184 Resp: 137084
Ion Ratio Lower Upper
184 100
63 64.0 55.2 82.8
154 63.3 53.0 79.4

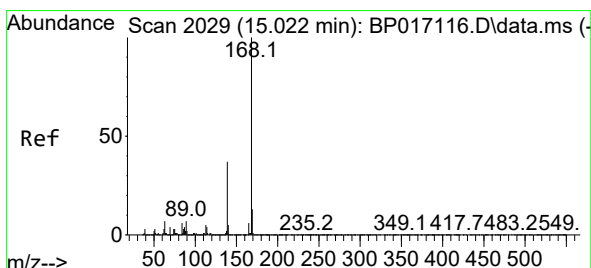
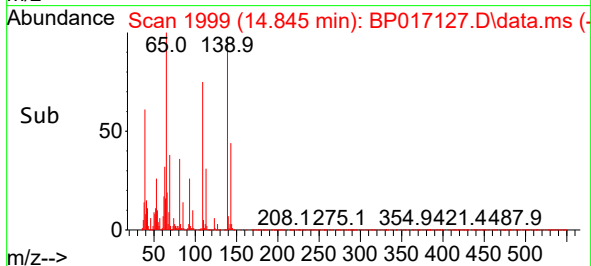
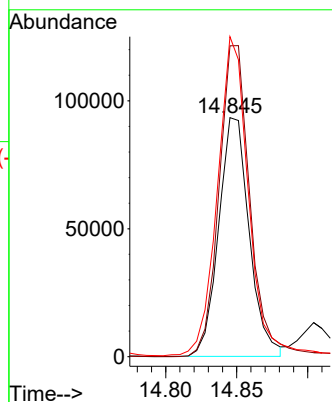
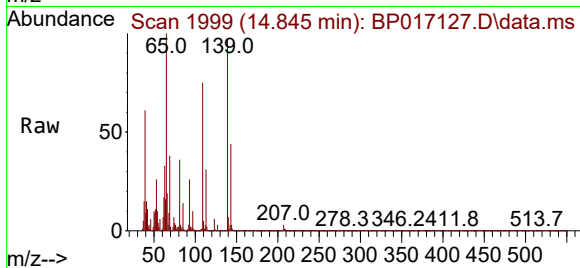




#55
4-Nitrophenol
Concen: 16.935 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

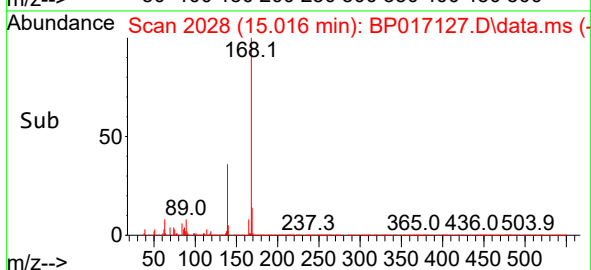
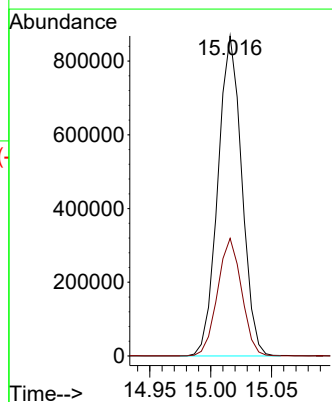
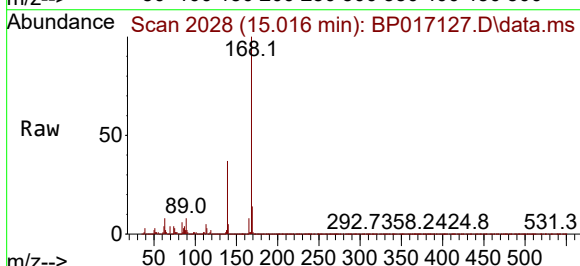
Instrument :
BNA_P
ClientSampleId :

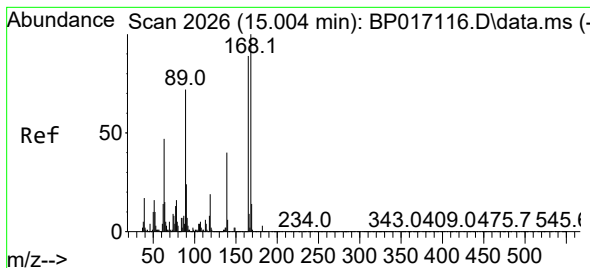
Tgt Ion:109 Resp: 139538
Ion Ratio Lower Upper
109 100
139 130.1 101.1 151.7
65 133.9 105.0 157.4



#56
Dibenzofuran
Concen: 18.578 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:168 Resp: 1186197
Ion Ratio Lower Upper
168 100
139 36.7 29.9 44.9

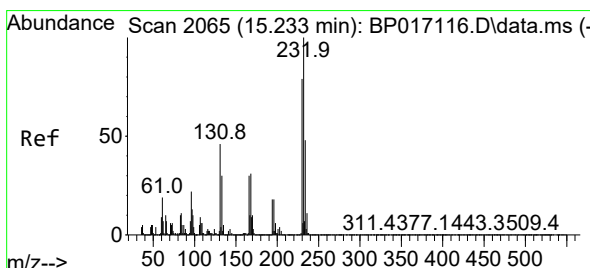
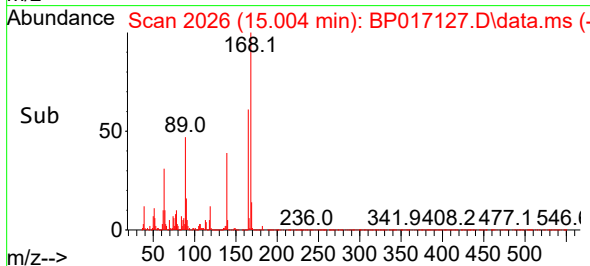
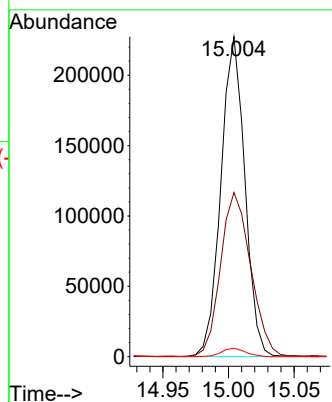
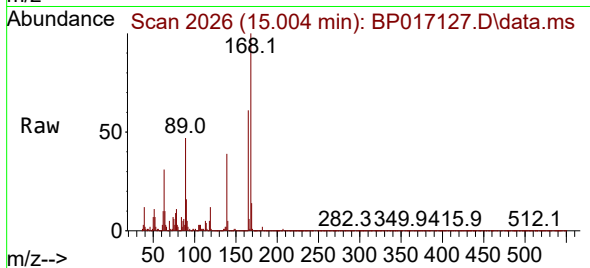




#57
2,4-Dinitrotoluene
Concen: 19.568 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

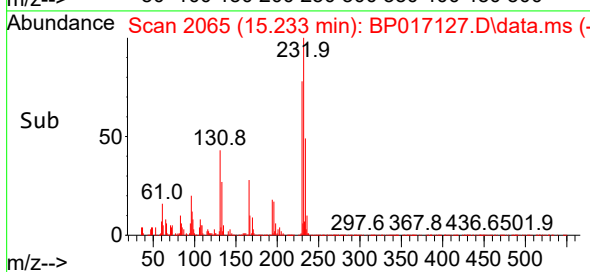
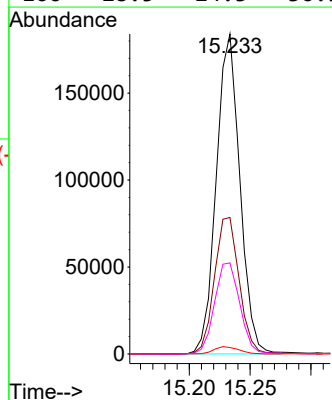
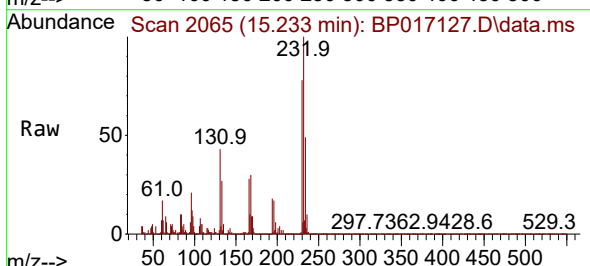
Instrument :
BNA_P
ClientSampleId :

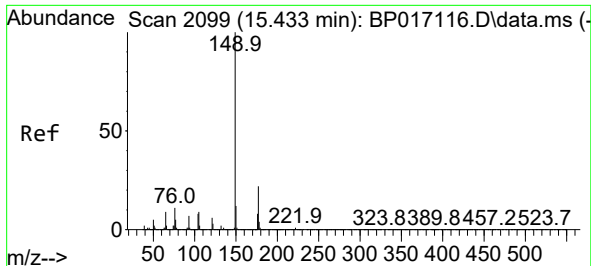
Tgt Ion:165 Resp: 288035
Ion Ratio Lower Upper
165 100
63 51.3 42.3 63.5
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.802 ng/ul
RT: 15.233 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

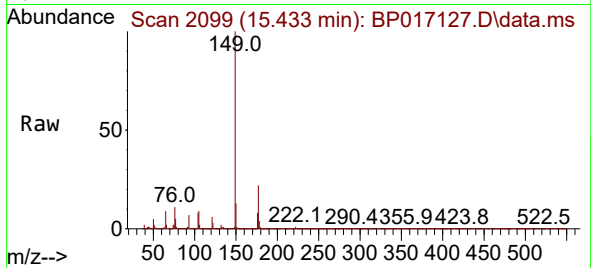
Tgt Ion:232 Resp: 248346
Ion Ratio Lower Upper
232 100
131 42.6 37.0 55.6
130 2.0 1.8 2.8
166 28.5 24.3 36.5



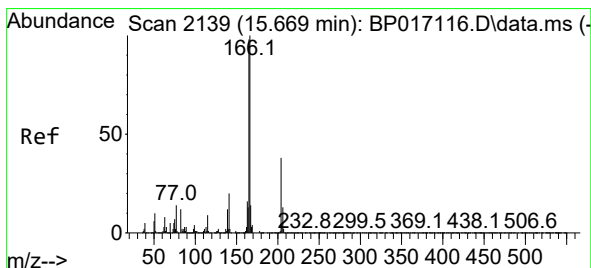
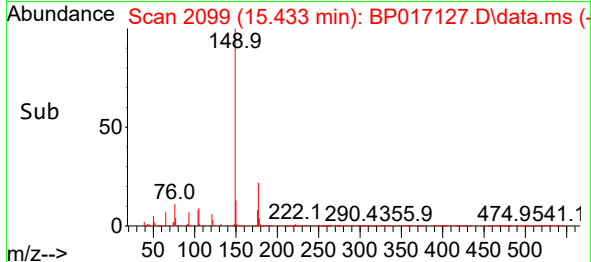
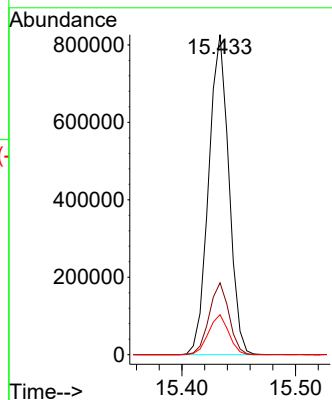


#59
Diethylphthalate
Concen: 19.079 ng/ul
RT: 15.433 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Instrument :
BNA_P
ClientSampleId :

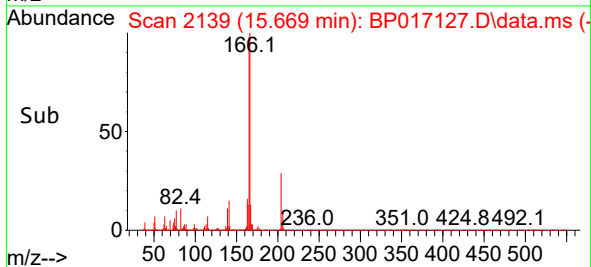
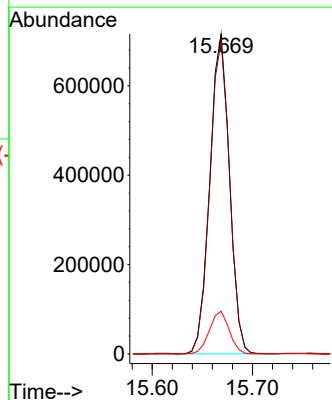
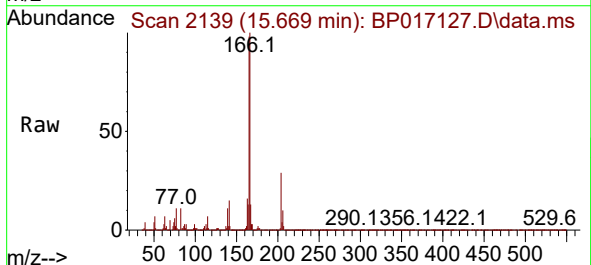


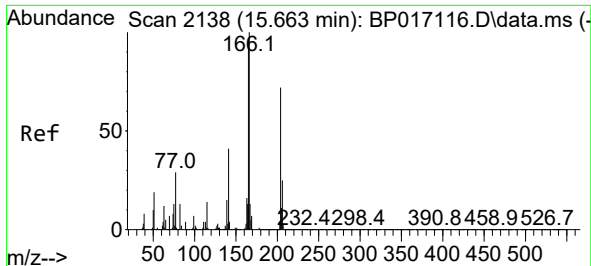
Tgt Ion:149 Resp: 1018554
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.5 10.0 15.0



#61
Fluorene
Concen: 18.513 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:166 Resp: 977282
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.3 11.0 16.4

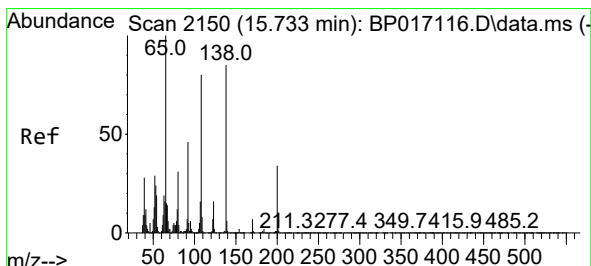
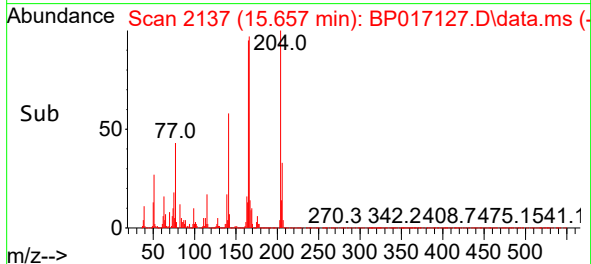
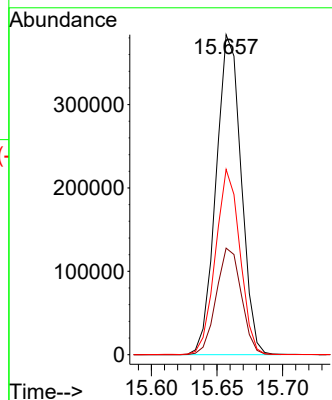
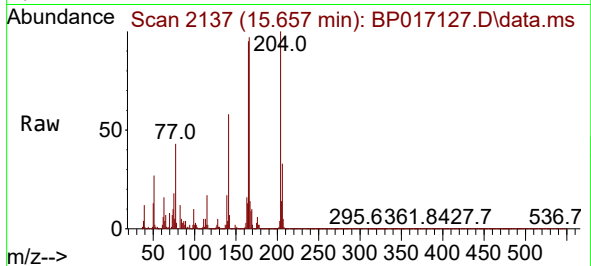




#62
4-Chlorophenyl-phenylether
Concen: 19.024 ng/ul
RT: 15.657 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

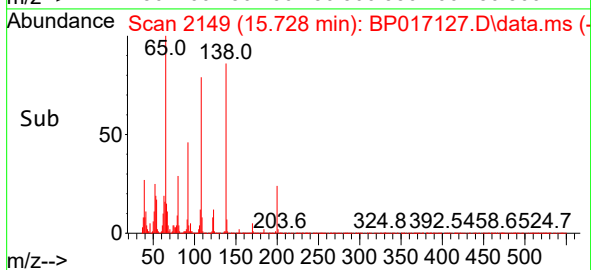
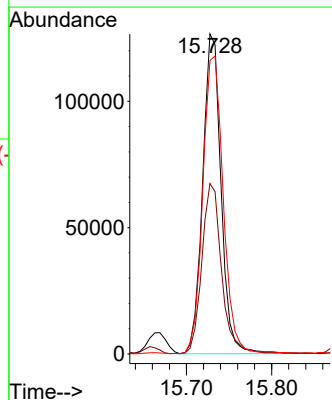
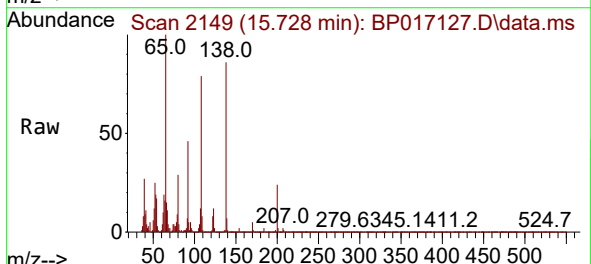
Instrument :
BNA_P
ClientSampleId :

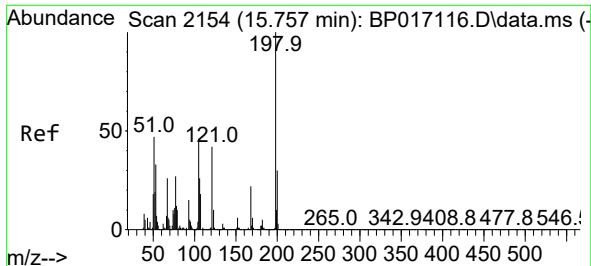
Tgt Ion:204 Resp: 510598
Ion Ratio Lower Upper
204 100
206 33.3 27.3 40.9
141 57.9 45.0 67.6



#63
4-Nitroaniline
Concen: 19.279 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:138 Resp: 189544
Ion Ratio Lower Upper
138 100
92 53.2 43.3 64.9
108 91.7 75.3 112.9

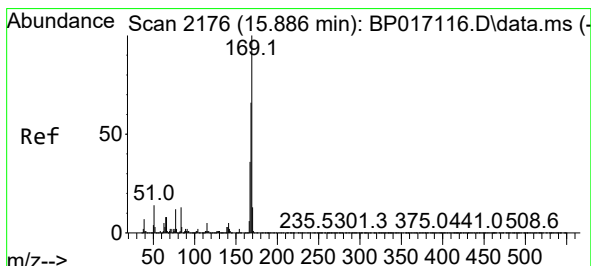
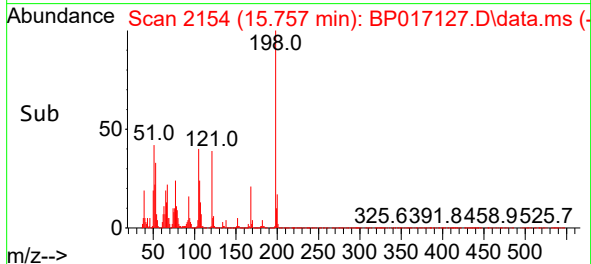
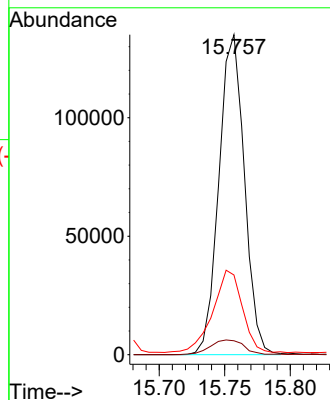
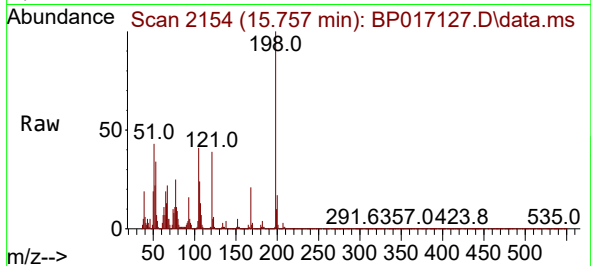




#66
4,6-Dinitro-2-methylphenol
Concen: 18.144 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

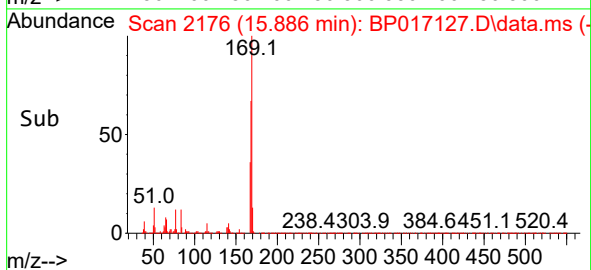
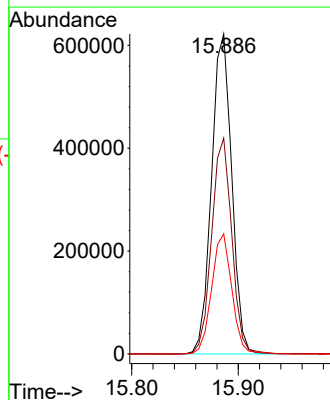
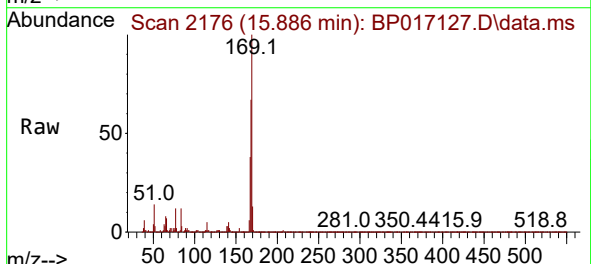
Instrument :
BNA_P
ClientSampleId :

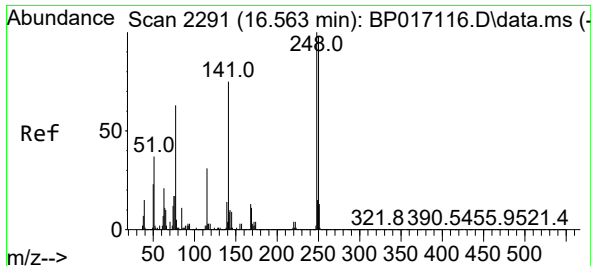
Tgt Ion:198 Resp: 182194
Ion Ratio Lower Upper
198 100
182 4.3 4.2 6.2
77 24.9 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 18.827 ng/ul
RT: 15.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:169 Resp: 819842
Ion Ratio Lower Upper
169 100
168 67.4 52.7 79.1
167 37.6 29.0 43.4

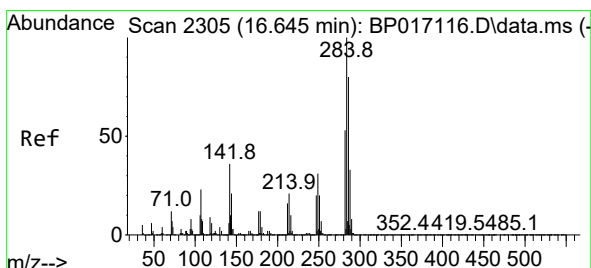
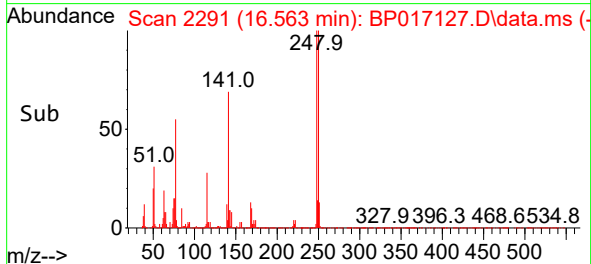
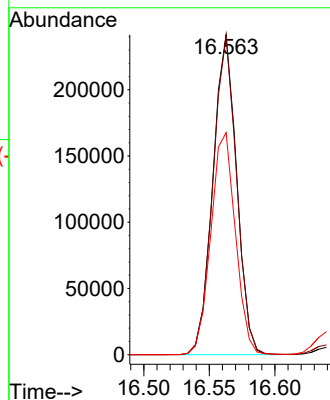
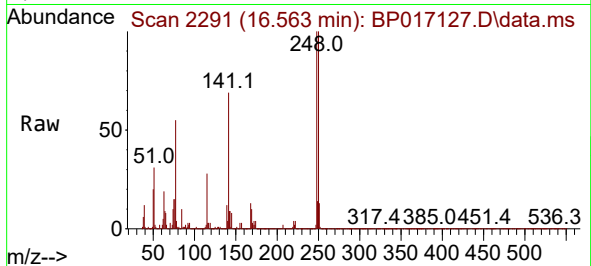




#68
4-Bromophenyl-phenylether
Concen: 19.042 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

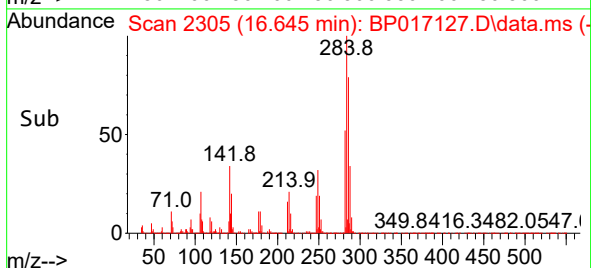
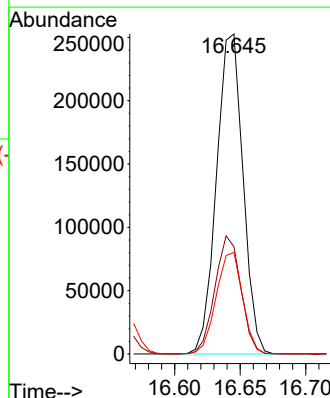
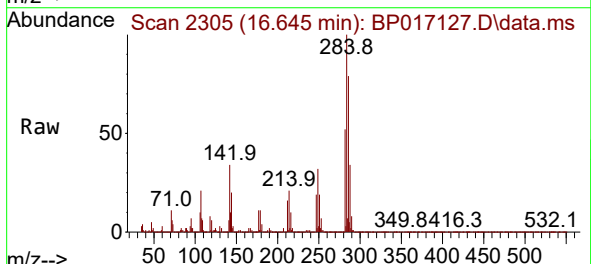
Instrument :
BNA_P
ClientSampleId :

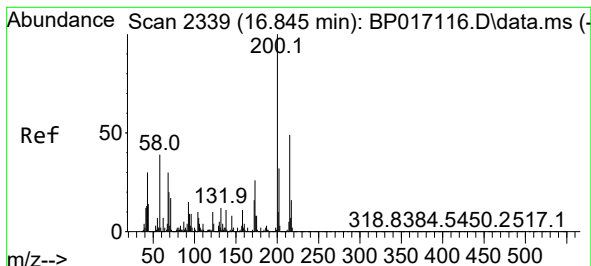
Tgt Ion:248 Resp: 303979
Ion Ratio Lower Upper
248 100
250 99.6 78.6 118.0
141 69.4 60.4 90.6



#69
Hexachlorobenzene
Concen: 18.789 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:284 Resp: 355021
Ion Ratio Lower Upper
284 100
142 33.6 28.6 42.8
249 31.7 25.0 37.6





#70

Atrazine

Concen: 20.112 ng/ul

RT: 16.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

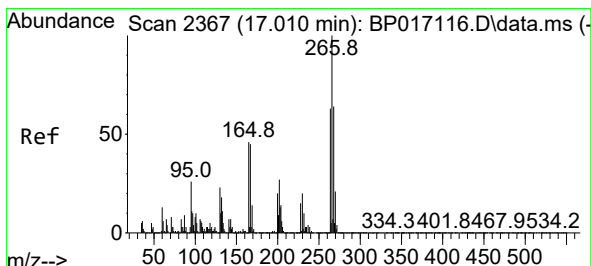
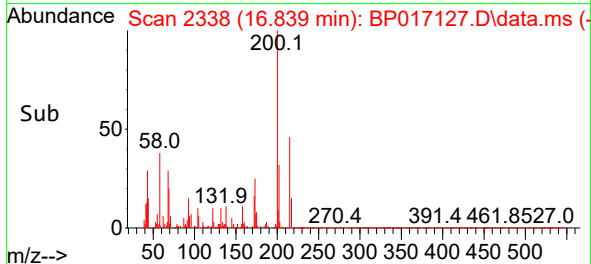
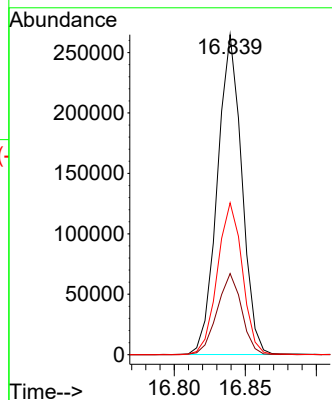
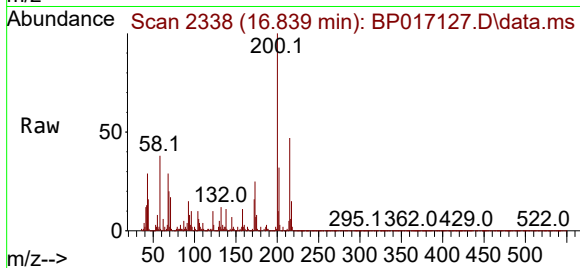
Tgt Ion:200 Resp: 317018

Ion Ratio Lower Upper

200 100

173 25.4 20.7 31.1

215 47.5 38.8 58.2



#71

Pentachlorophenol

Concen: 17.369 ng/ul

RT: 17.010 min Scan# 2367

Delta R.T. 0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

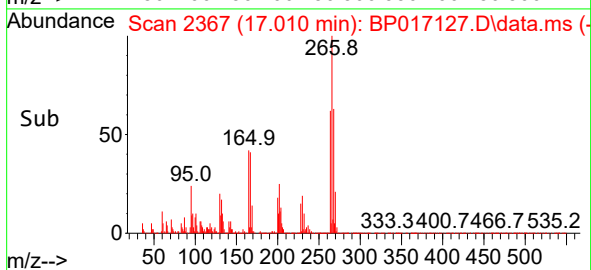
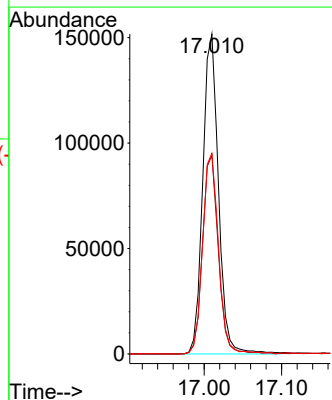
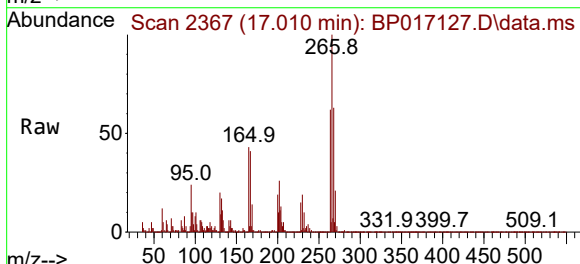
Tgt Ion:266 Resp: 213289

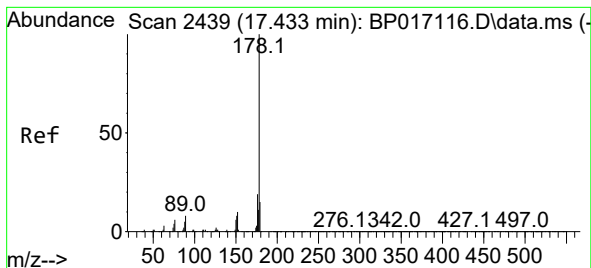
Ion Ratio Lower Upper

266 100

264 62.1 50.7 76.1

268 62.7 51.1 76.7





#72

Phenanthrene

Concen: 18.598 ng/ul

RT: 17.427 min Scan# 2438

Delta R.T. -0.006 min

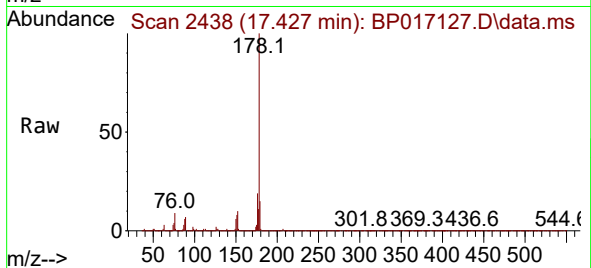
Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :



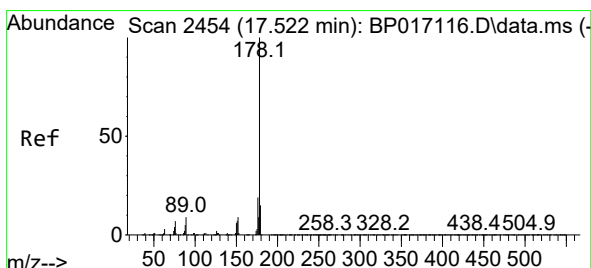
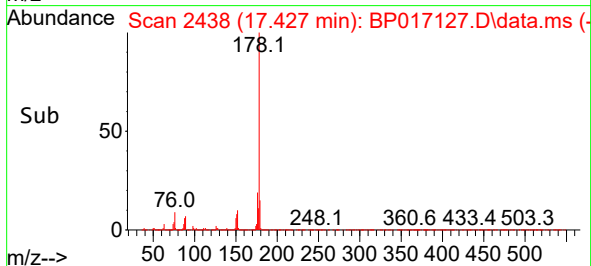
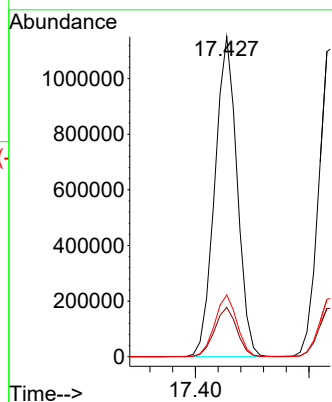
Tgt Ion:178 Resp: 1565203

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.3 15.6 23.4



#74

Anthracene

Concen: 18.528 ng/ul

RT: 17.522 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

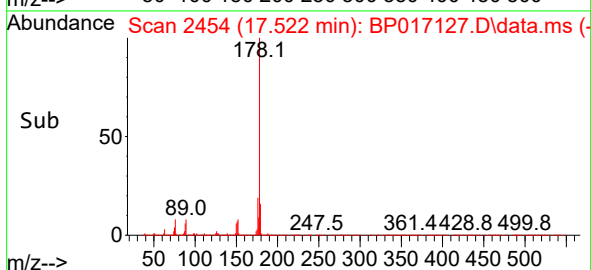
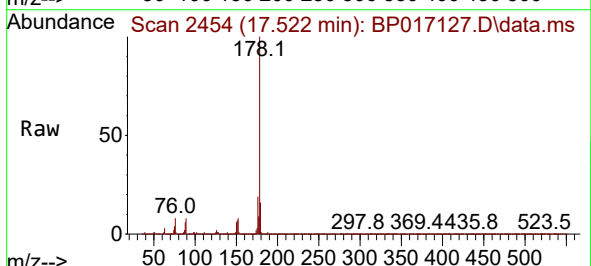
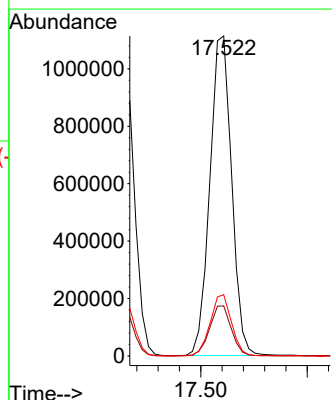
Tgt Ion:178 Resp: 1579287

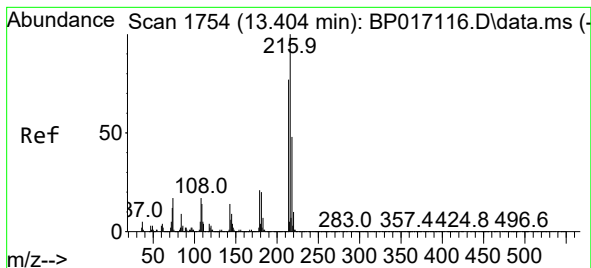
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.1 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.167 ng/uL

RT: 13.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

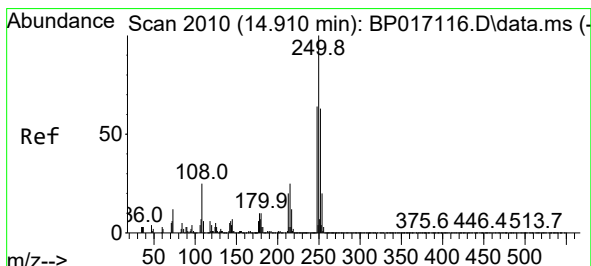
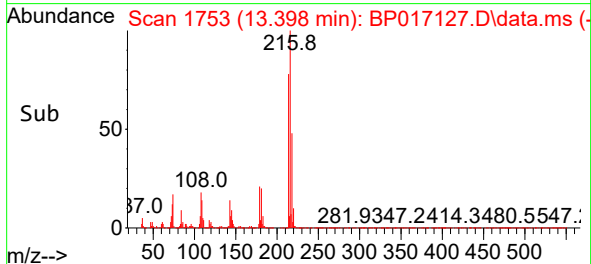
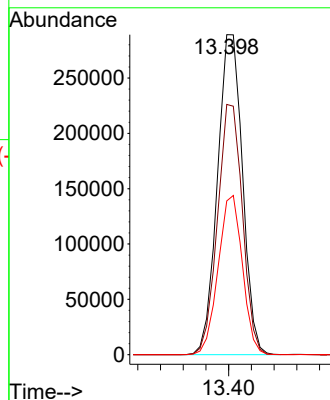
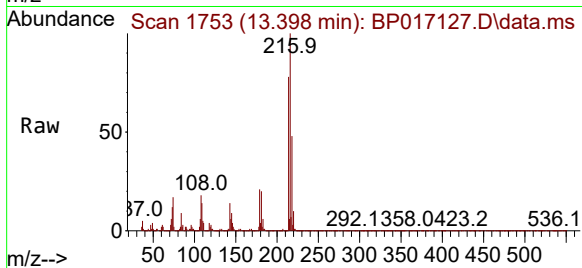
Tgt Ion:216 Resp: 443803

Ion Ratio Lower Upper

216 100

214 78.2 61.3 91.9

218 48.1 38.3 57.5



#76

Pentachlorobenzene

Concen: 19.104 ng/uL

RT: 14.910 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

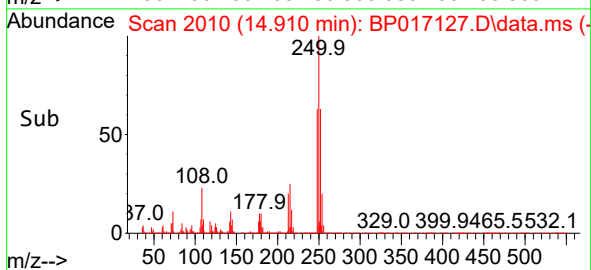
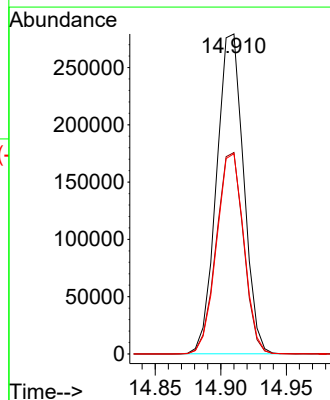
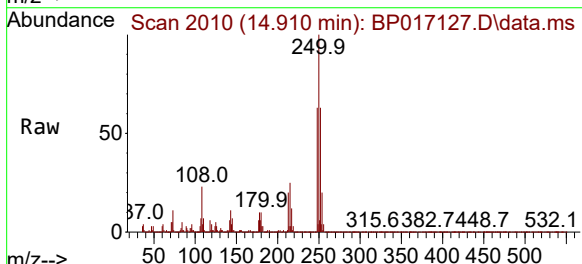
Tgt Ion:250 Resp: 401394

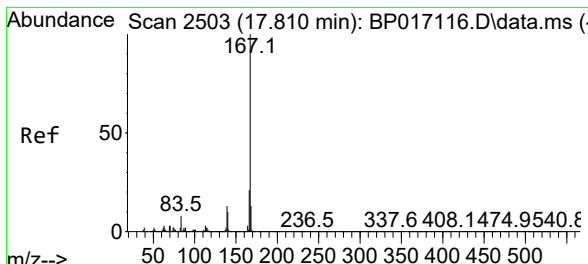
Ion Ratio Lower Upper

250 100

248 63.0 51.1 76.7

252 62.6 50.7 76.1



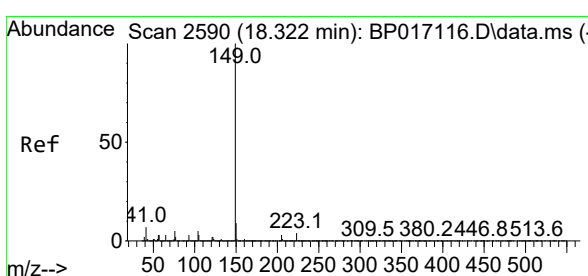
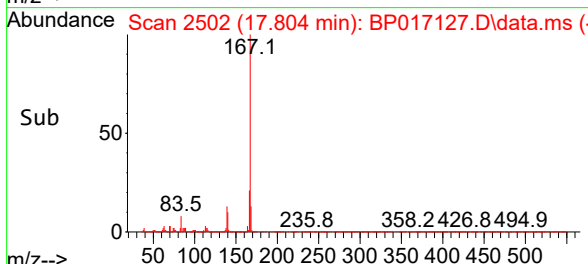
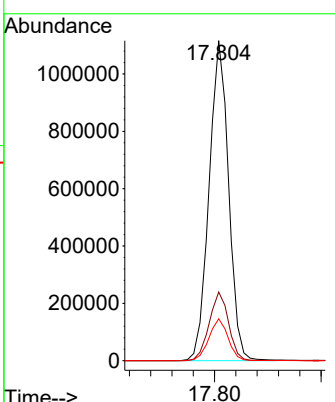
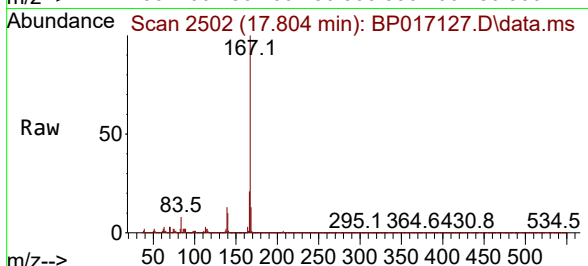


#77
 Carbazole
 Concen: 18.942 ng/ul
 RT: 17.804 min Scan# 2502
 Delta R.T. -0.006 min
 Lab File: BP017127.D
 Acq: 12 Sep 2023 21:52

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:167 Resp: 1417722

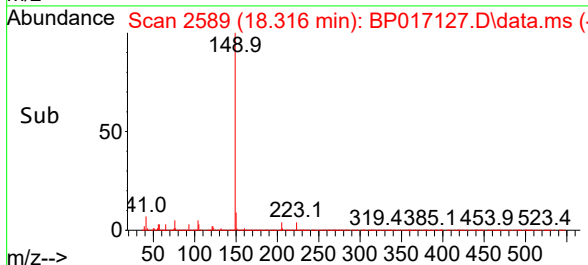
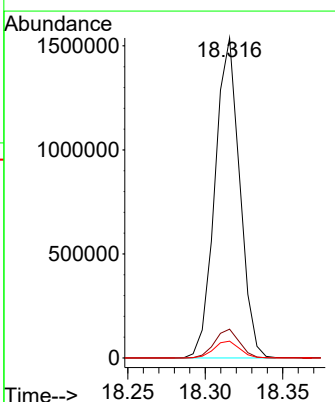
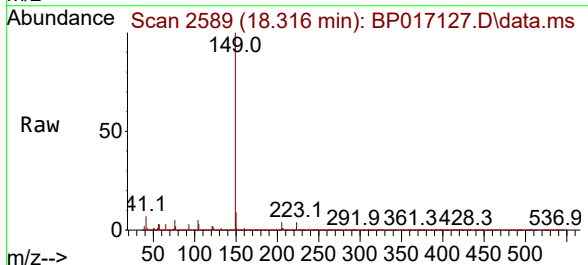
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.1	10.4	15.6

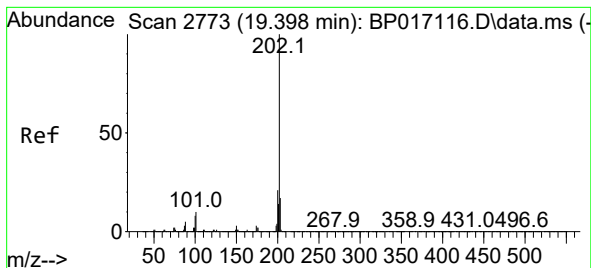


#78
 Di-n-butylphthalate
 Concen: 20.015 ng/ul
 RT: 18.316 min Scan# 2589
 Delta R.T. -0.006 min
 Lab File: BP017127.D
 Acq: 12 Sep 2023 21:52

Tgt Ion:149 Resp: 1707087

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.3	4.2	6.4





#80

Fluoranthene

Concen: 19.738 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

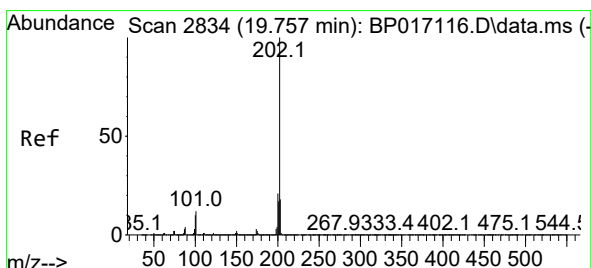
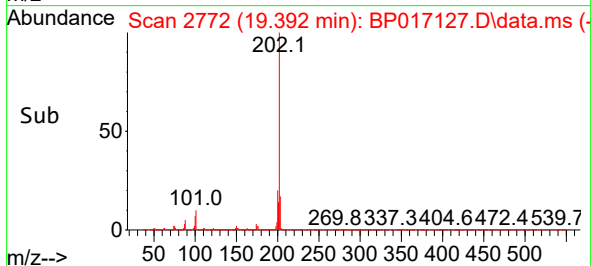
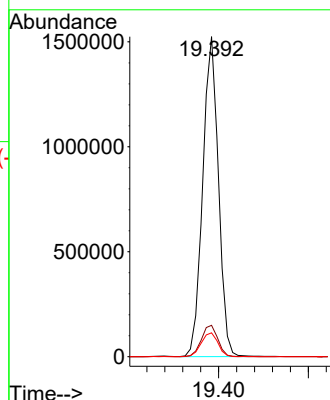
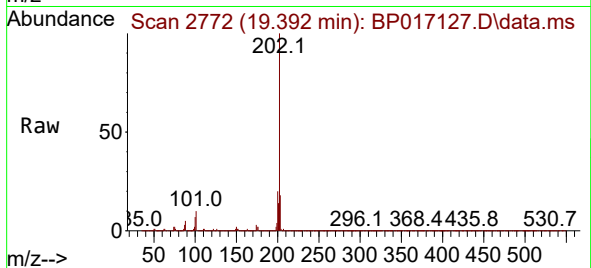
Tgt Ion:202 Resp: 1852168

Ion Ratio Lower Upper

202 100

101 9.8 8.3 12.5

100 7.4 6.4 9.6



#82

Pyrene

Concen: 19.516 ng/ul

RT: 19.751 min Scan# 2833

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

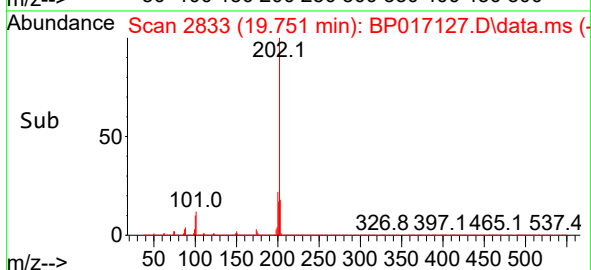
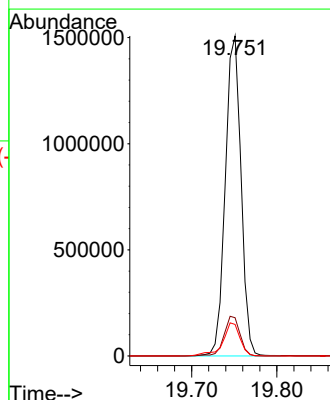
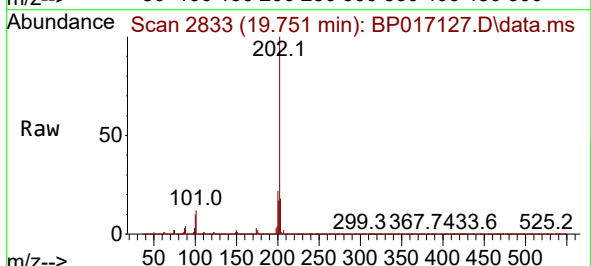
Tgt Ion:202 Resp: 1934985

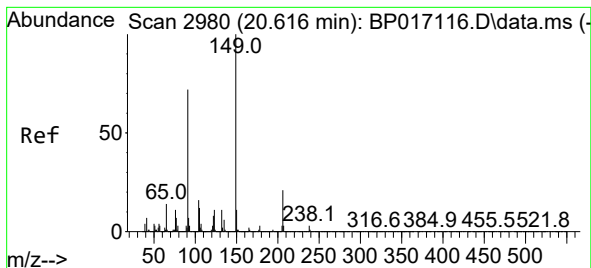
Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

100 9.9 7.8 11.8





#83

Butylbenzylphthalate

Concen: 20.794 ng/ul

RT: 20.610 min Scan# 2980

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

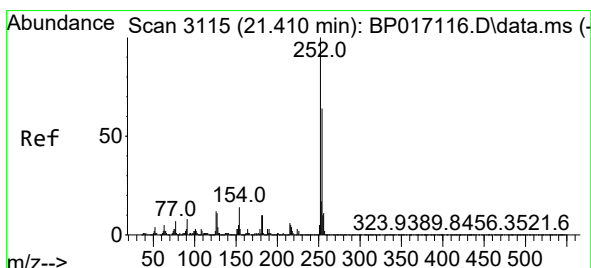
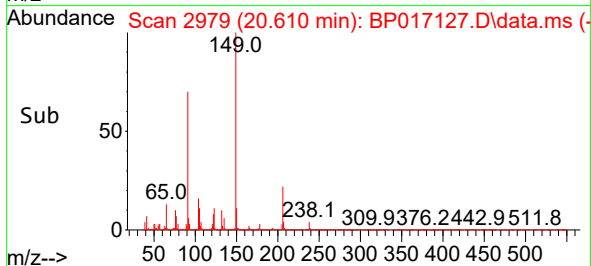
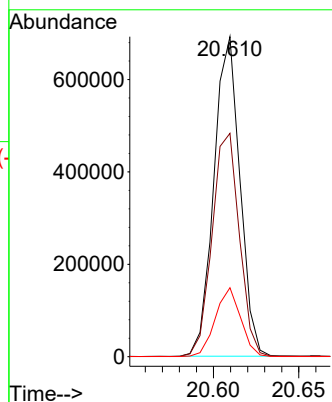
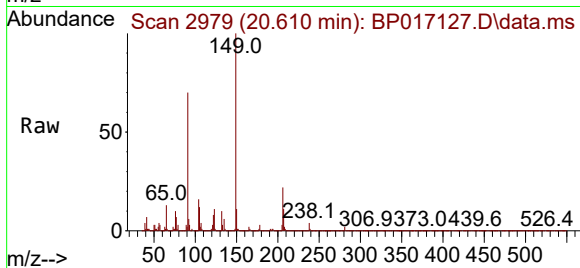
Tgt Ion:149 Resp: 735311

Ion Ratio Lower Upper

149 100

91 69.8 57.4 86.0

206 21.6 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 18.432 ng/ul

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

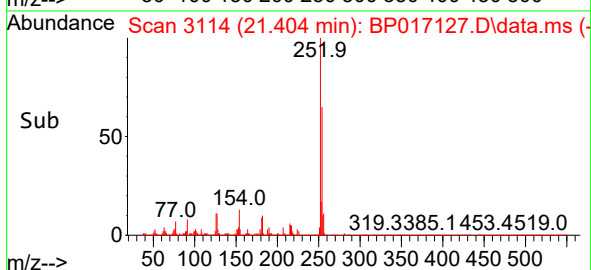
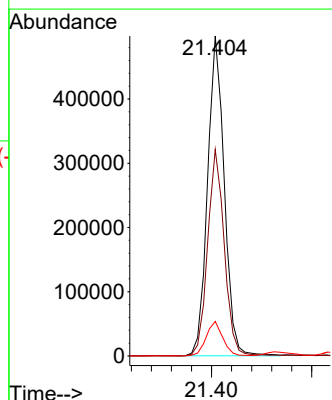
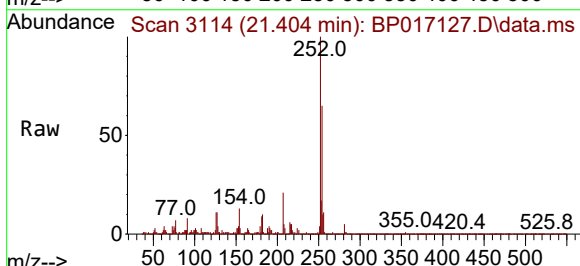
Tgt Ion:252 Resp: 578457

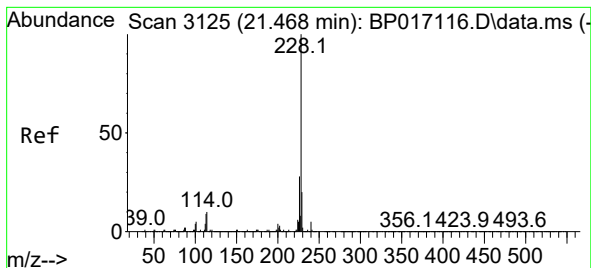
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 10.8 9.4 14.2





#85

Benzo(a)anthracene

Concen: 18.843 ng/ul

RT: 21.463 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

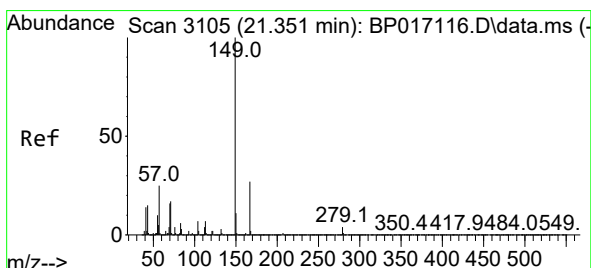
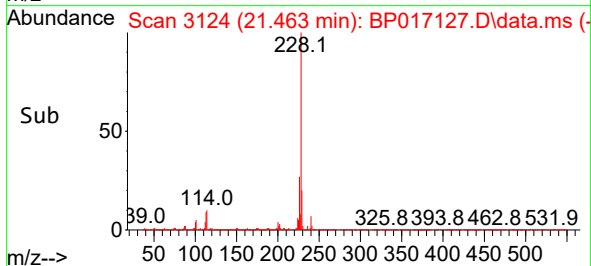
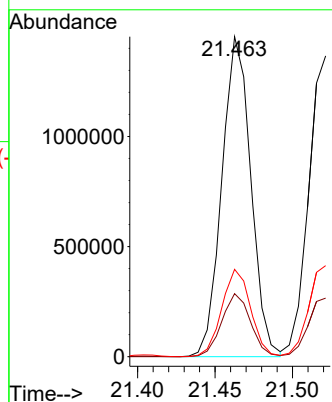
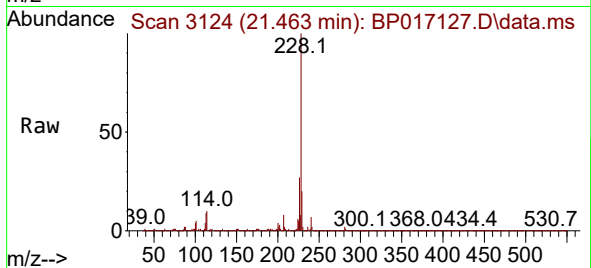
Tgt Ion:228 Resp: 1888666

Ion Ratio Lower Upper

228 100

229 19.7 16.1 24.1

226 27.3 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.166 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

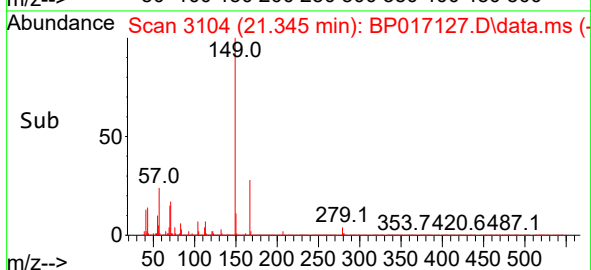
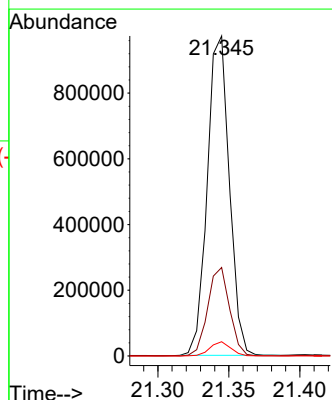
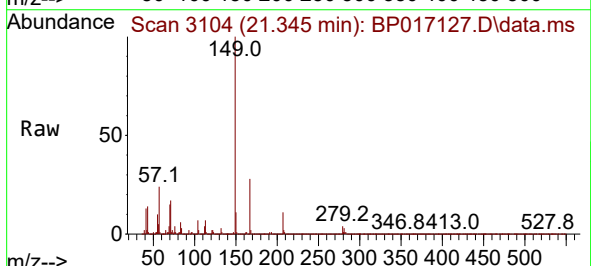
Tgt Ion:149 Resp: 1050701

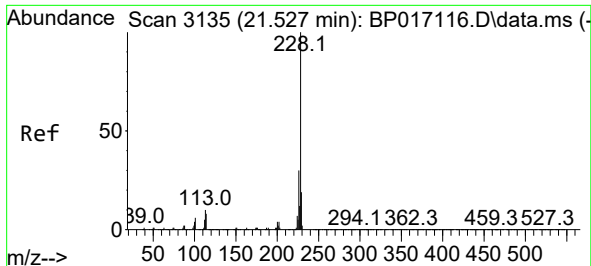
Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

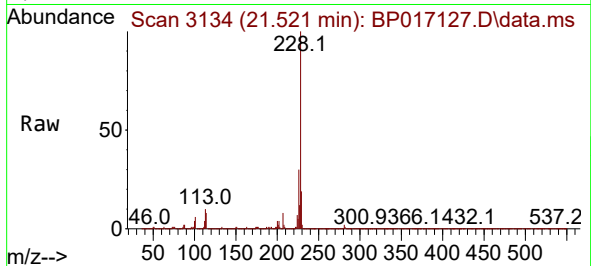
279 4.5 3.4 5.2





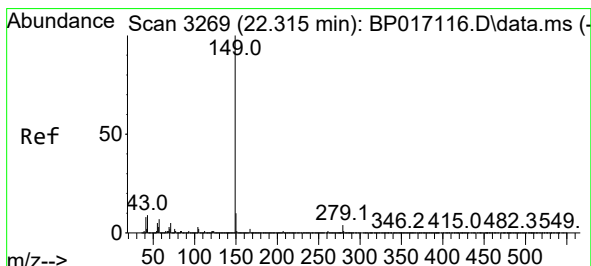
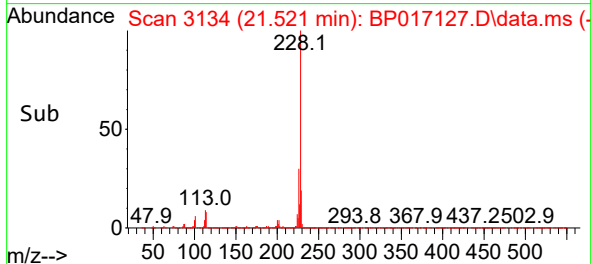
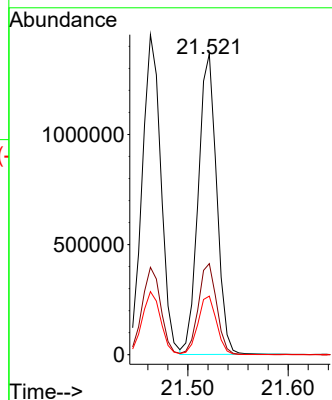
#87
Chrysene
Concen: 18.687 ng/ul
RT: 21.521 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Instrument :
BNA_P
ClientSampleId :



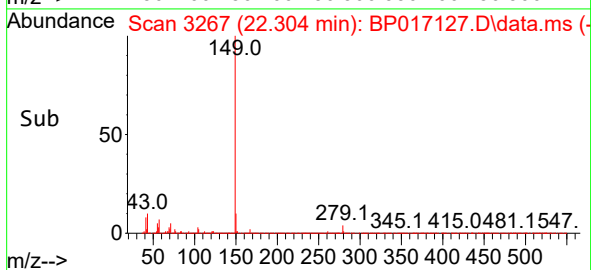
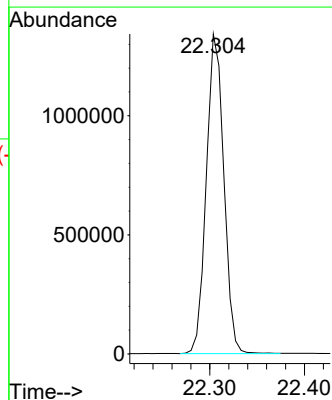
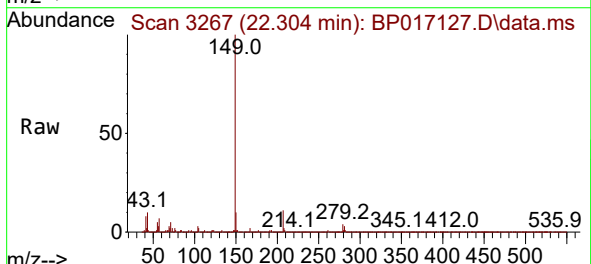
Tgt Ion:228 Resp: 1742262

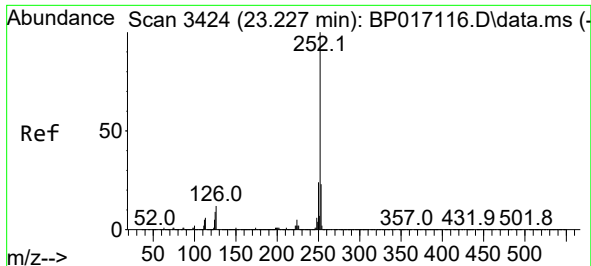
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.5	15.3	22.9



#89
Di-n-octyl phthalate
Concen: 20.615 ng/ul
RT: 22.304 min Scan# 3267
Delta R.T. -0.012 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:149 Resp: 1717760

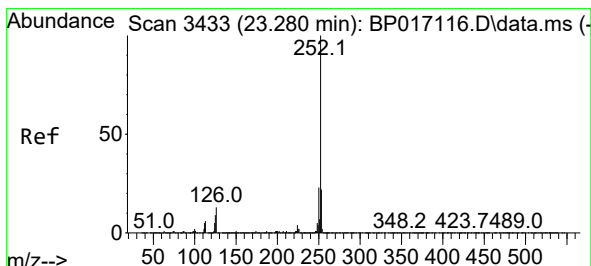
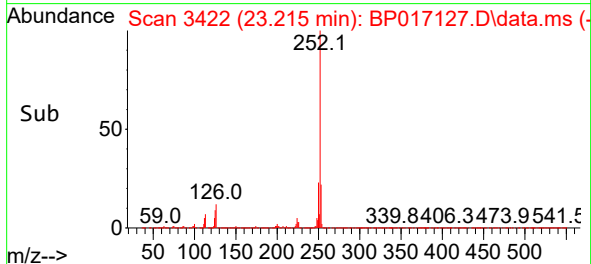
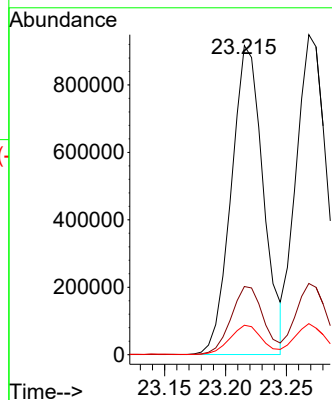
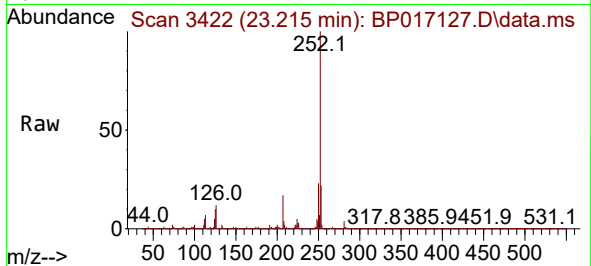




#90
Benzo(b)fluoranthene
Concen: 18.915 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. -0.012 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

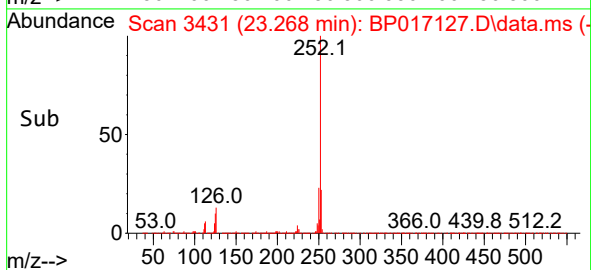
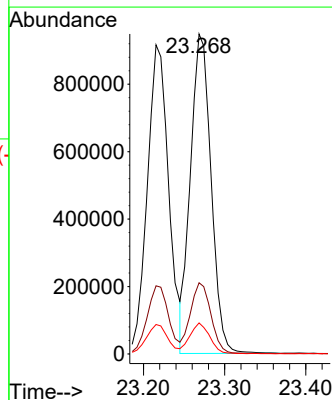
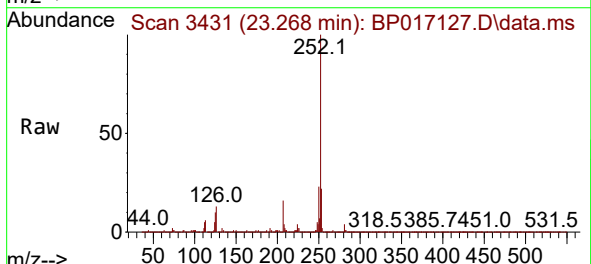
Instrument :
BNA_P
ClientSampleId :

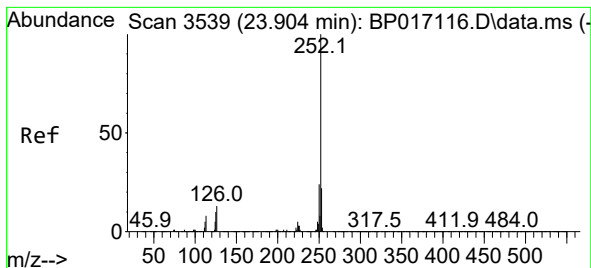
Tgt Ion:252 Resp: 1675521
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.5 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 19.011 ng/ul
RT: 23.268 min Scan# 3431
Delta R.T. -0.012 min
Lab File: BP017127.D
Acq: 12 Sep 2023 21:52

Tgt Ion:252 Resp: 1674062
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.7 7.4 11.2





#93

Benzo(a)pyrene

Concen: 18.680 ng/ul

RT: 23.892 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

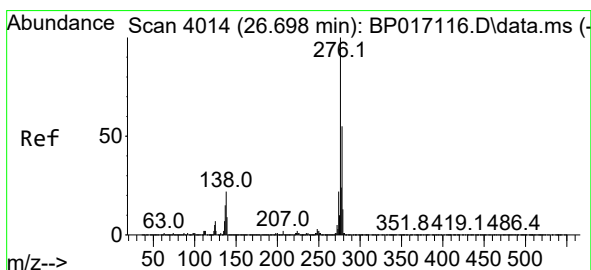
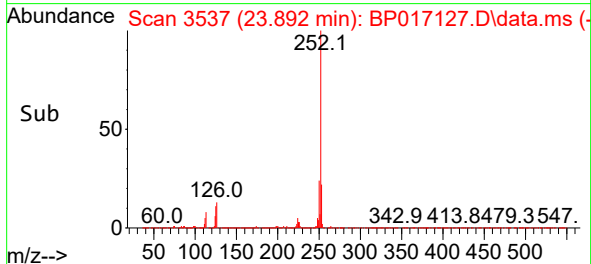
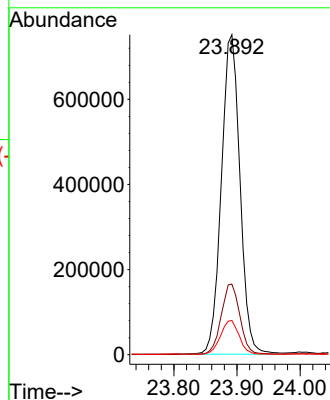
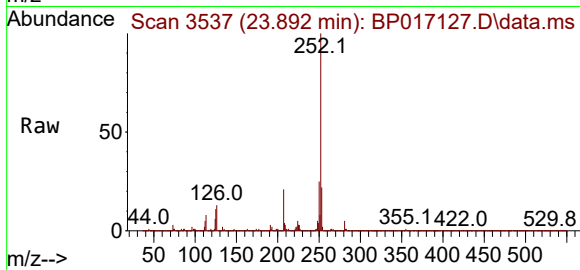
Tgt Ion:252 Resp: 1535102

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.406 ng/ul

RT: 26.674 min Scan# 4010

Delta R.T. -0.024 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

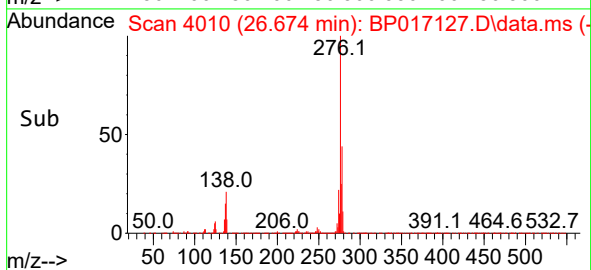
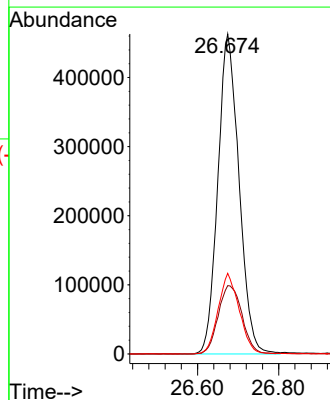
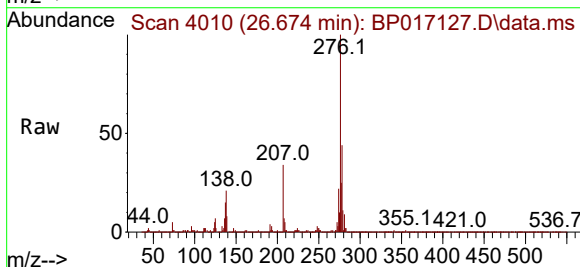
Tgt Ion:276 Resp: 1674987

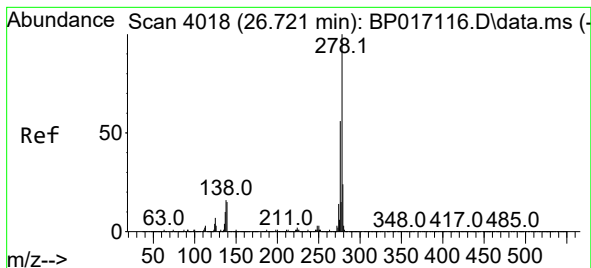
Ion Ratio Lower Upper

276 100

138 21.4 17.5 26.3

277 25.2 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 18.445 ng/ul

RT: 26.698 min Scan# 4018

Delta R.T. -0.024 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Instrument :

BNA_P

ClientSampleId :

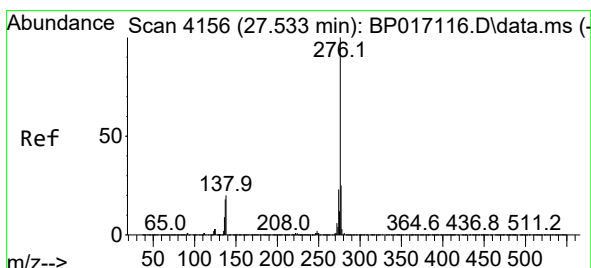
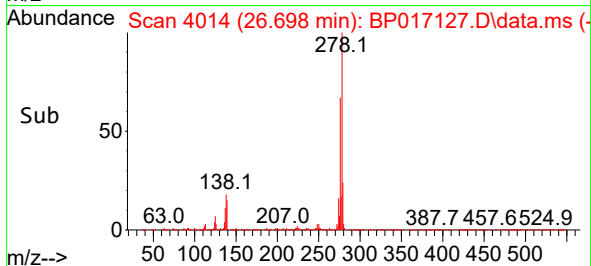
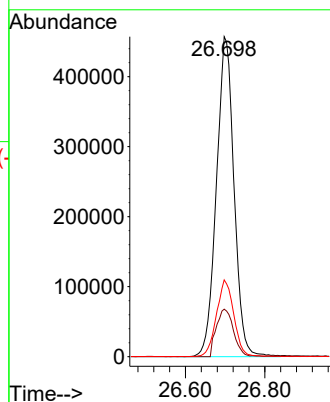
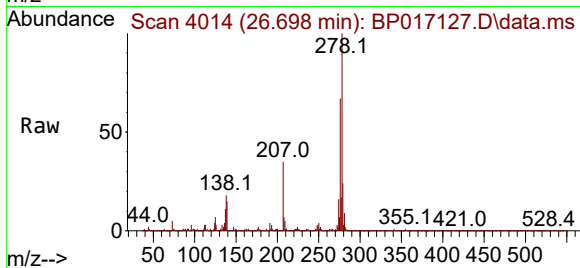
Tgt Ion:278 Resp: 1410005

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 18.296 ng/ul

RT: 27.509 min Scan# 4152

Delta R.T. -0.024 min

Lab File: BP017127.D

Acq: 12 Sep 2023 21:52

Tgt Ion:276 Resp: 1287463

Ion Ratio Lower Upper

276 100

138 21.3 16.2 24.4

277 23.4 19.6 29.4

