

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017116.D
 Acq On : 12 Sep 2023 13:39
 Operator : MA/JU
 Sample : SST02051
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 12 22:48:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 22:45:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	314521	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1407134	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	916481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2068578	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1892255	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	1805499	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	54954	7.342	ng/uL	0.00
4) Pyridine-d5	3.752	84	400374	18.700	ng/ul	0.00
7) Phenol-d5	7.105	99	479196	18.737	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	305427	19.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	389208	19.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	397989	18.777	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	187837	19.064	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	201617	19.167	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	388460	19.095	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	578848	18.878	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	1222736	18.748	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1404221	18.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	226588	17.976	ng/ul	0.00
60) Fluorene-d10	15.616	176	1057046	18.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	205313	17.765	ng/ul	0.00
73) Anthracene-d10	17.486	188	1658593	18.871	ng/ul	0.00
81) Pyrene-d10	19.727	212	1939256	19.541	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	1616847	18.973	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	60349	7.498	ng/uL	100
5) Pyridine	3.769	79	420762	18.973	ng/ul	100
6) Benzaldehyde	7.116	77	319504	22.440	ng/ul	100
8) Phenol	7.134	94	506463	18.777	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.393	93	410121	19.064	ng/ul	100
12) 2-Chlorophenol	7.510	128	395889	19.117	ng/ul	100
13) 2-Methylphenol	8.399	108	375579	18.678	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	327245	12.102	ng/ul	100
16) Acetophenone	8.810	105	647514	19.518	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.781	70	333864	19.584	ng/ul	100
18) 4-Methylphenol	8.734	108	413414	18.583	ng/ul	100
19) Hexachloroethane	9.022	117	160349	18.827	ng/ul	100
22) Nitrobenzene	9.199	77	489032	19.058	ng/ul	100
23) Isophorone	9.716	82	922410	19.183	ng/ul	100
25) 2-Nitrophenol	9.904	139	224532	19.205	ng/ul	100
26) 2,4-Dimethylphenol	9.946	107	443509	18.614	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.204	93	566287	18.790	ng/ul	100
29) 2,4-Dichlorophenol	10.422	162	384691	18.681	ng/ul	100
30) Naphthalene	10.834	128	1333319	18.725	ng/ul	100
32) 4-Chloroaniline	10.969	127	569162	19.022	ng/ul	100
33) Hexachlorobutadiene	11.063	225	260771	18.650	ng/ul	100
34) Caprolactam	11.798	113	93349	14.994	ng/ul	100
35) 4-Chloro-3-methylphenol	12.069	107	428996	19.254	ng/ul	100
36) 2-Methylnaphthalene	12.440	142	911428	18.970	ng/ul	100

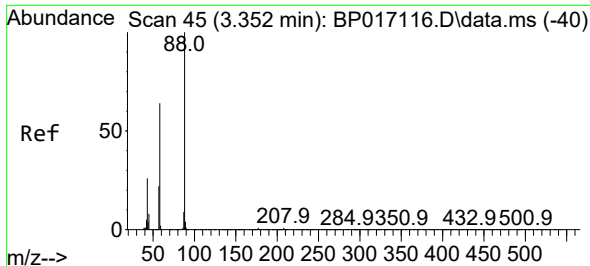
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 22:45:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	925580	19.031	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	504850	18.495	ng/ul	100
40) Hexachlorocyclopentadiene	12.740	237	381623	22.439	ng/ul	100
41) 2,4,6-Trichlorophenol	13.045	196	325431	18.767	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	344392	18.681	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	1227078	18.672	ng/ul	100
44) 2-Chloronaphthalene	13.498	162	962079	18.435	ng/ul	100
45) 2-Nitroaniline	13.734	65	275112	19.461	ng/ul	100
47) Dimethylphthalate	14.081	163	1237129	18.686	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	232460	19.211	ng/ul	100
50) Acenaphthylene	14.345	152	1616427	18.907	ng/ul	100
51) 3-Nitroaniline	14.563	138	242600	18.736	ng/ul	100
52) Acenaphthene	14.681	153	1054026	18.631	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	178247	21.025	ng/ul	100
55) 4-Nitrophenol	14.851	109	182300	18.070	ng/ul	100
56) Dibenzofuran	15.022	168	1453921	18.597	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	353066	19.589	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.233	232	303031	18.737	ng/ul	100
59) Diethylphthalate	15.433	149	1229999	18.817	ng/ul	100
61) Fluorene	15.669	166	1216699	18.824	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	615012	18.715	ng/ul	100
63) 4-Nitroaniline	15.733	138	238797	19.837	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.757	198	220878	17.808	ng/ul	100
67) N-Nitrosodiphenylamine	15.886	169	1014214	18.856	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	364361	18.479	ng/ul	100
69) Hexachlorobenzene	16.645	284	427532	18.318	ng/ul	100
70) Atrazine	16.845	200	378765	19.454	ng/ul	100
71) Pentachlorophenol	17.010	266	261238	17.223	ng/ul	100
72) Phenanthrene	17.433	178	1914157	18.414	ng/ul	100
74) Anthracene	17.522	178	1970568	18.716	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	532747	18.627	ng/ul	100
76) Pentachlorobenzene	14.910	250	482589	18.595	ng/ul	100
77) Carbazole	17.810	167	1742438	18.847	ng/ul	100
78) Di-n-butylphthalate	18.322	149	2037426	19.340	ng/ul	100
80) Fluoranthene	19.398	202	2260842	19.491	ng/ul	100
82) Pyrene	19.757	202	2380061	19.419	ng/ul	100
83) Butylbenzylphthalate	20.616	149	870391	19.912	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.410	252	702226	18.101	ng/ul	100
85) Benzo(a)anthracene	21.468	228	2333781	18.836	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	1197369	19.513	ng/ul	100
87) Chrysene	21.527	228	2167981	18.811	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	1936410	19.342	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2045265	19.218	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	2015018	19.046	ng/ul	100
93) Benzo(a)pyrene	23.904	252	1872557	18.965	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.698	276	1932175	17.672	ng/ul	100
95) Dibenzo(a,h)anthracene	26.721	278	1624835	17.691	ng/ul	100
96) Benzo(g,h,i)perylene	27.533	276	1493837	17.670	ng/ul	100

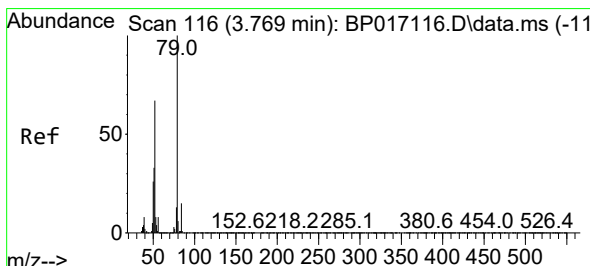
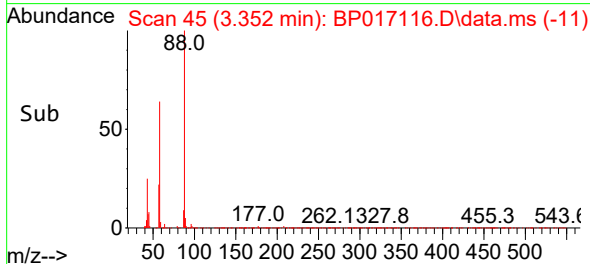
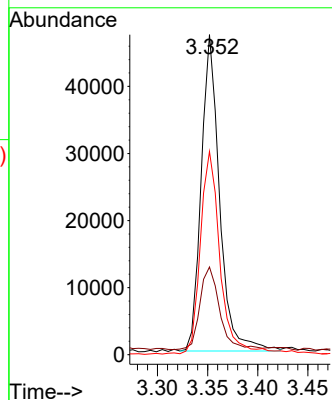
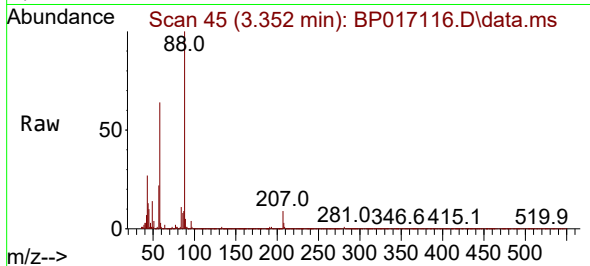
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 7.498 ng/uL
 RT: 3.352 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BP017116.D
 Acq: 12 Sep 2023 13:39

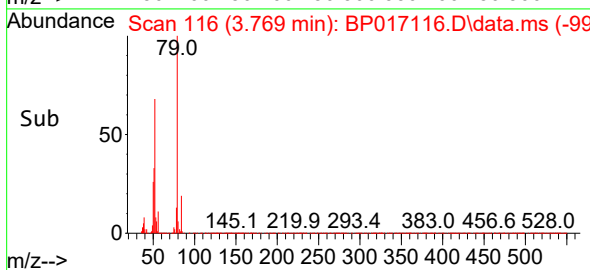
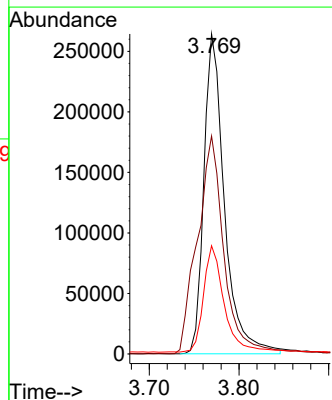
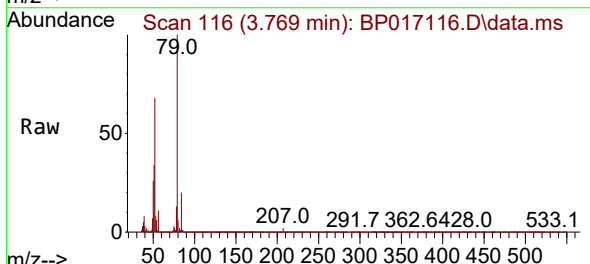
Instrument :
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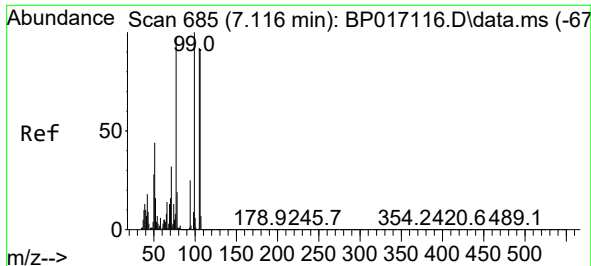
Tgt Ion: 88	Resp: 60349
Ion Ratio	Lower Upper
88	100
43	27.4 21.9 32.9
58	63.5 50.8 76.2



#5
 Pyridine
 Concen: 18.973 ng/uL
 RT: 3.769 min Scan# 116
 Delta R.T. 0.000 min
 Lab File: BP017116.D
 Acq: 12 Sep 2023 13:39

Tgt Ion: 79	Resp: 420762
Ion Ratio	Lower Upper
79	100
52	68.1 54.5 81.7
51	33.8 27.0 40.6

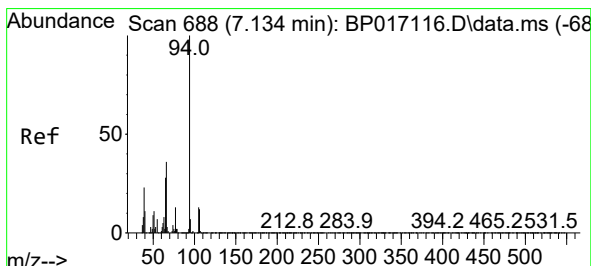
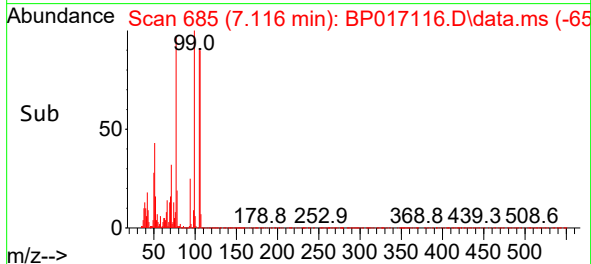
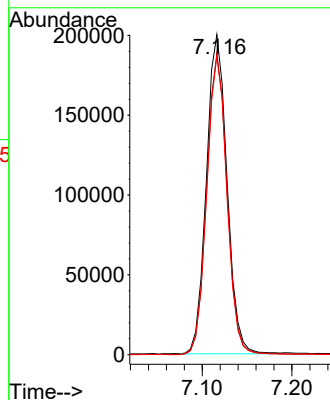
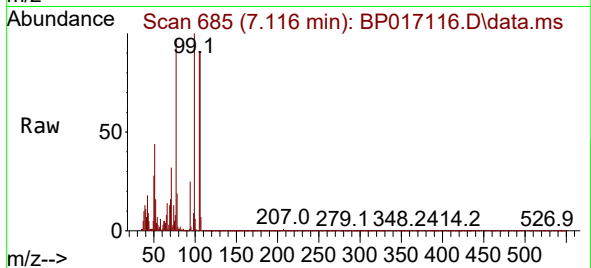




#6
Benzaldehyde
Concen: 22.440 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

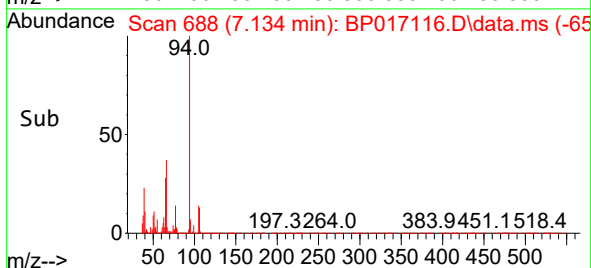
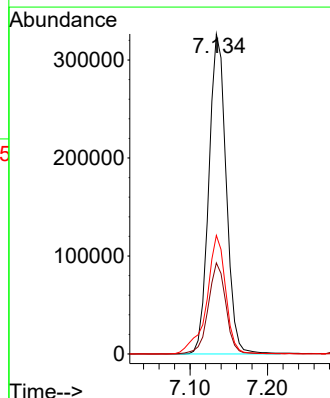
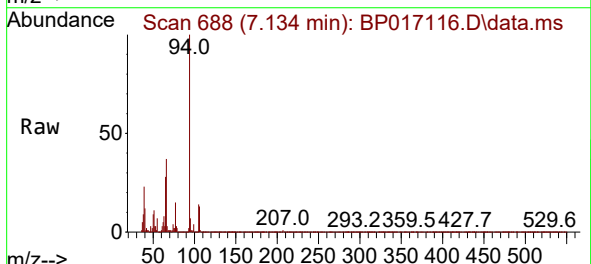
Instrument :
BNA_P
ClientSampleId :

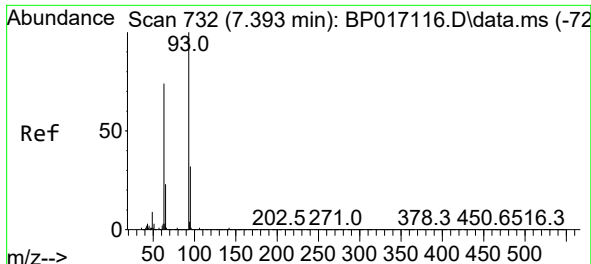
Tgt Ion: 77 Resp: 319504
Ion Ratio Lower Upper
77 100
105 94.1 75.3 112.9
106 93.2 74.6 111.8



#8
Phenol
Concen: 18.777 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion: 94 Resp: 506463
Ion Ratio Lower Upper
94 100
65 28.4 22.7 34.1
66 37.0 29.6 44.4

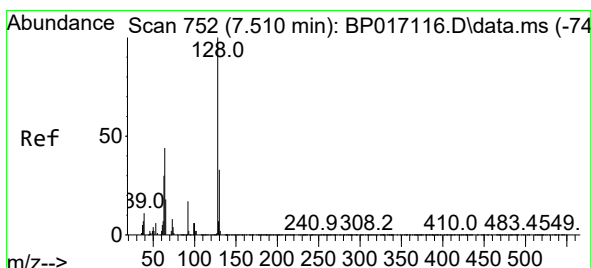
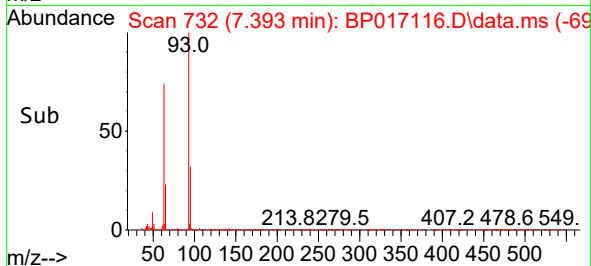
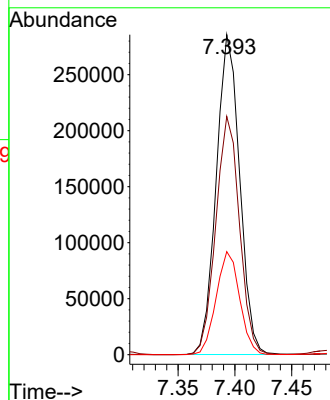
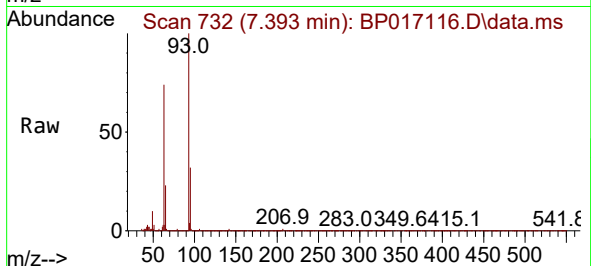




#10
 Bis(2-Chloroethyl)ether
 Concen: 19.064 ng/ul
 RT: 7.393 min Scan# 732
 Delta R.T. 0.000 min
 Lab File: BP017116.D
 Acq: 12 Sep 2023 13:39

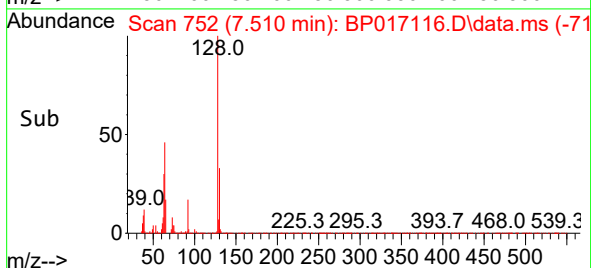
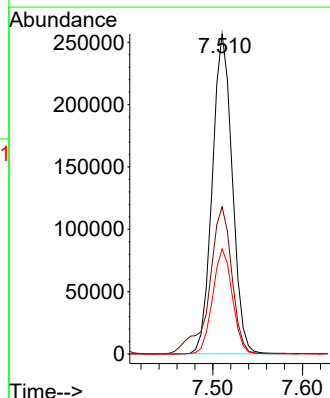
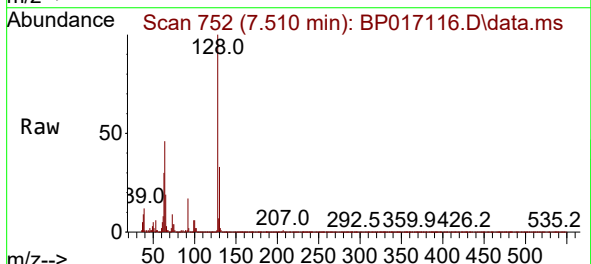
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 ClientSampleId :

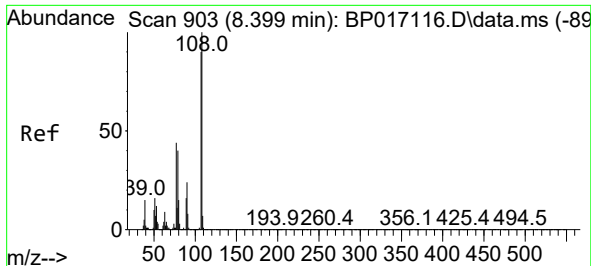
Tgt Ion: 93 Resp: 410121
 Ion Ratio Lower Upper
 93 100
 63 74.4 59.5 89.3
 95 32.2 25.8 38.6



#12
 2-Chlorophenol
 Concen: 19.117 ng/ul
 RT: 7.510 min Scan# 752
 Delta R.T. 0.000 min
 Lab File: BP017116.D
 Acq: 12 Sep 2023 13:39

Tgt Ion:128 Resp: 395889
 Ion Ratio Lower Upper
 128 100
 64 46.0 36.8 55.2
 130 32.9 26.3 39.5





#13

2-Methylphenol

Concen: 18.678 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

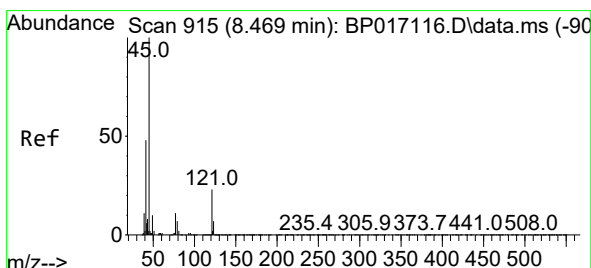
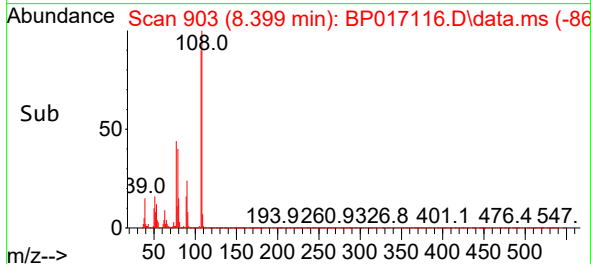
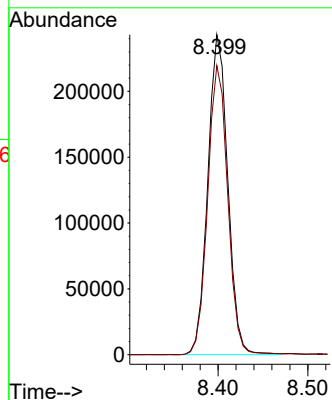
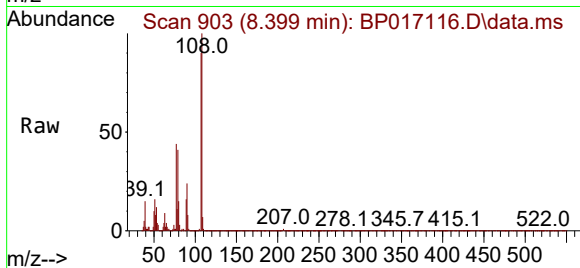
ClientSampleId :

Tgt Ion:108 Resp: 375579

Ion Ratio Lower Upper

108 100

107 90.3 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.102 ng/ul

RT: 8.469 min Scan# 915

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

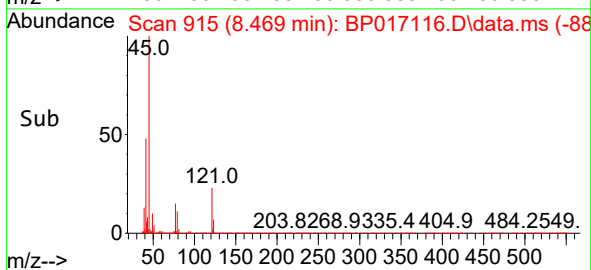
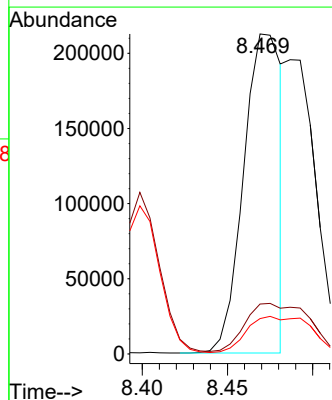
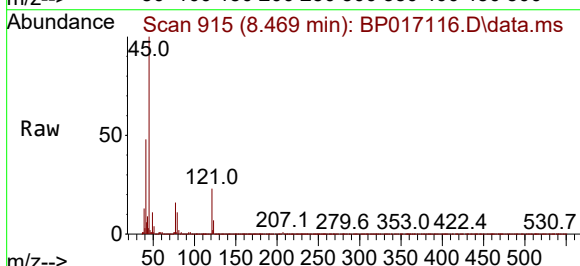
Tgt Ion: 45 Resp: 327245

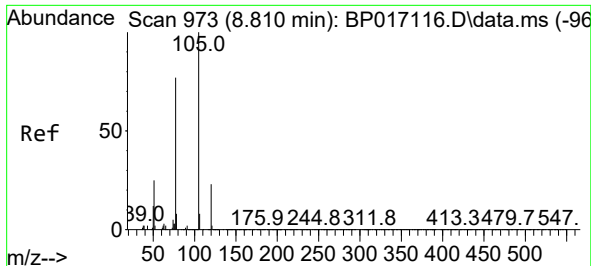
Ion Ratio Lower Upper

45 100

77 15.6 12.5 18.7

79 11.0 8.8 13.2

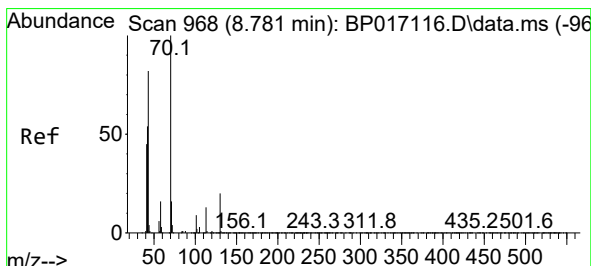
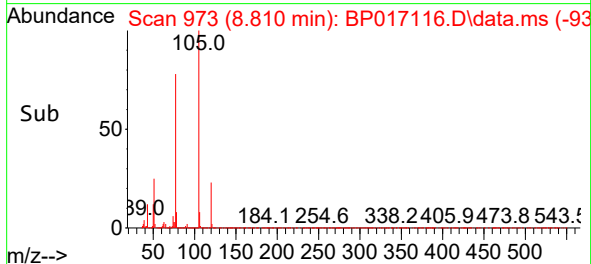
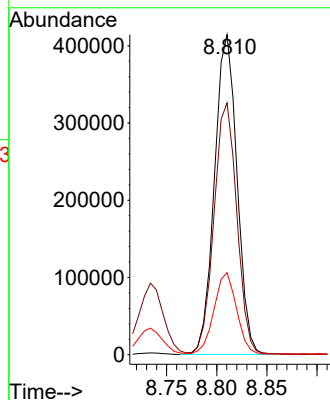
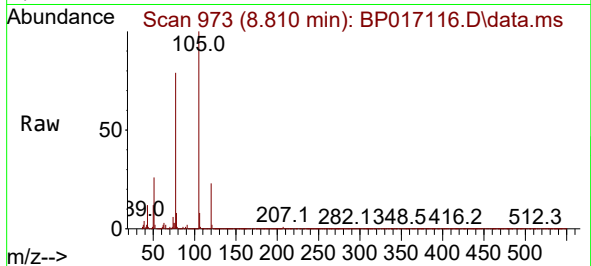




#16
Acetophenone
Concen: 19.518 ng/ul
RT: 8.810 min Scan# 973
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

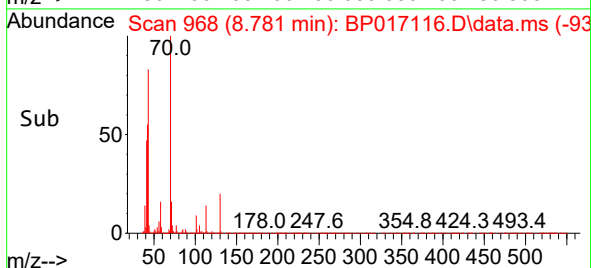
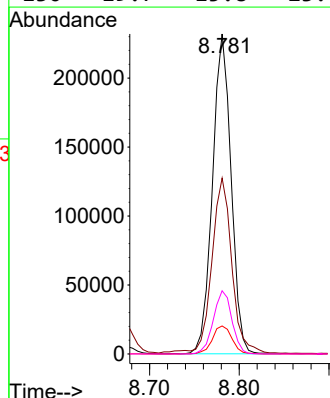
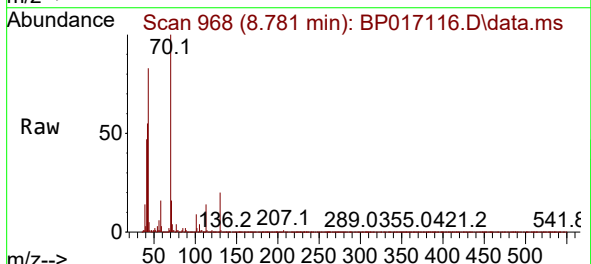
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BNA_P
ClientSampleId :

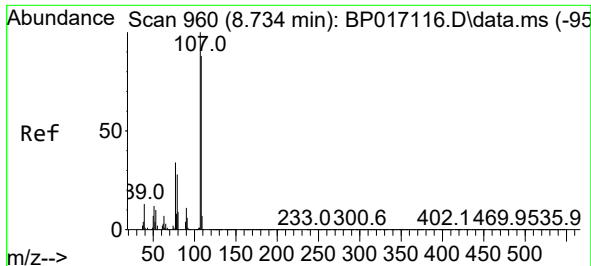
Tgt Ion:105 Resp: 647514
Ion Ratio Lower Upper
105 100
77 78.7 63.0 94.4
51 25.6 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 19.584 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion: 70 Resp: 333864
Ion Ratio Lower Upper
70 100
42 54.9 43.9 65.9
101 8.7 7.0 10.4
130 19.7 15.8 23.6

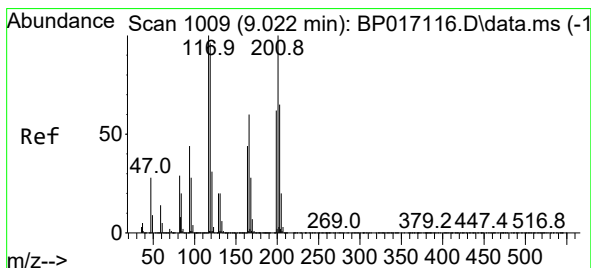
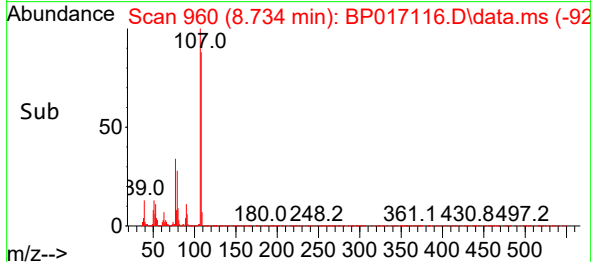
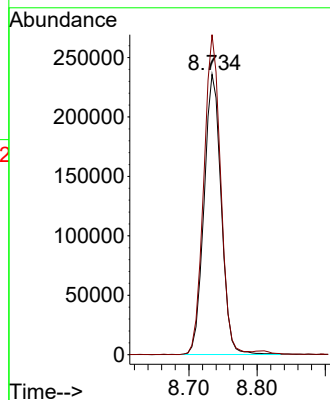
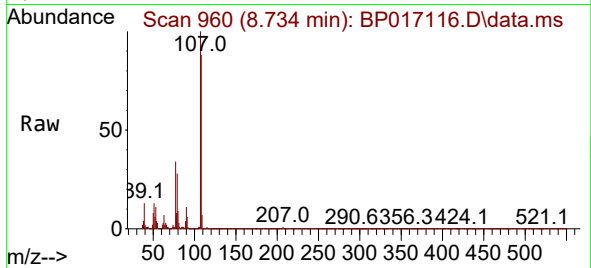




#18
4-Methylphenol
Concen: 18.583 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

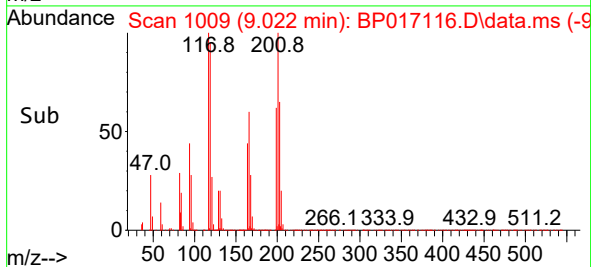
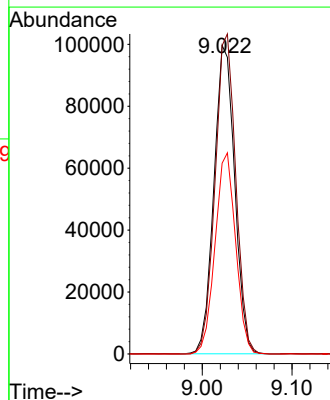
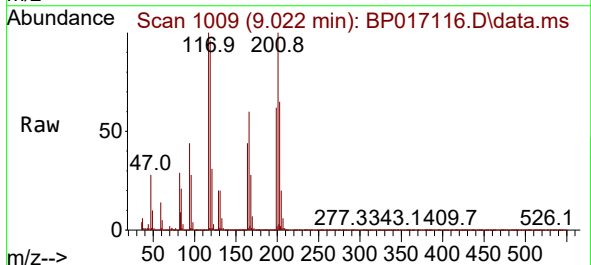
Instrument :
BNA_P
ClientSampleId :

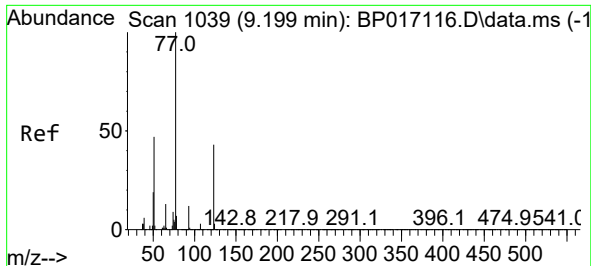
Tgt Ion:108 Resp: 413414
Ion Ratio Lower Upper
108 100
107 114.2 91.4 137.0



#19
Hexachloroethane
Concen: 18.827 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:117 Resp: 160349
Ion Ratio Lower Upper
117 100
201 99.9 79.9 119.9
199 61.8 49.4 74.2

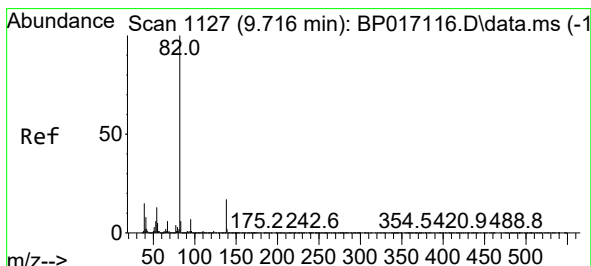
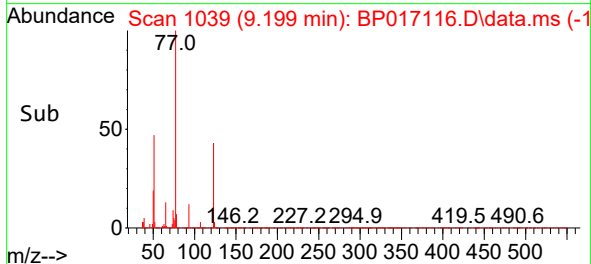
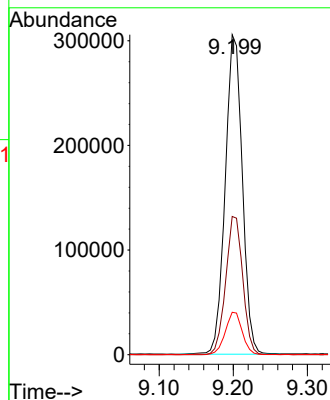
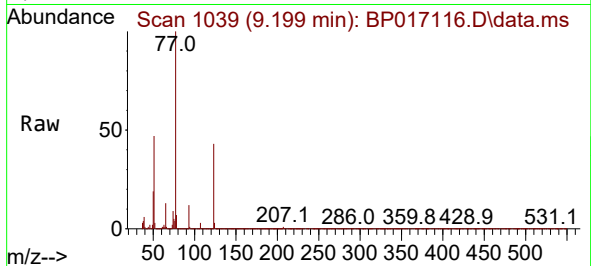




#22
Nitrobenzene
Concen: 19.058 ng/ul
RT: 9.199 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

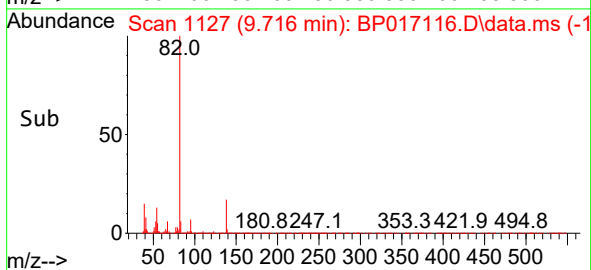
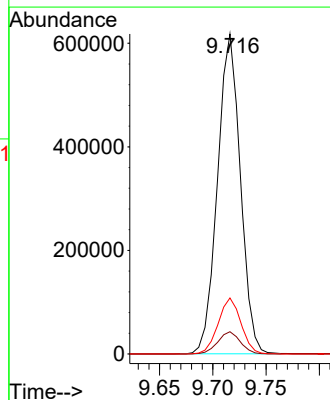
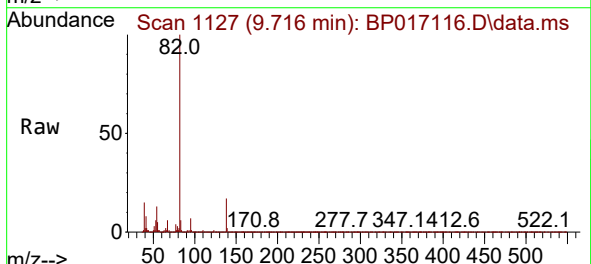
Instrument :
BNA_P
ClientSampleId :

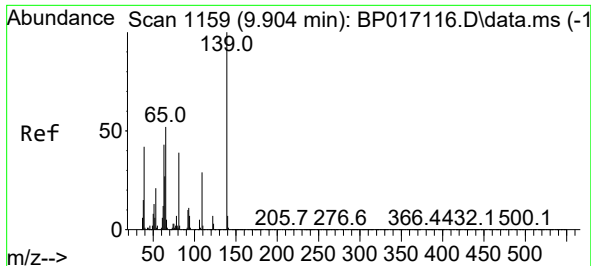
Tgt Ion: 77 Resp: 489032
Ion Ratio Lower Upper
77 100
123 43.2 34.6 51.8
65 13.3 10.6 16.0



#23
Isophorone
Concen: 19.183 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion: 82 Resp: 922410
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.5 14.0 21.0

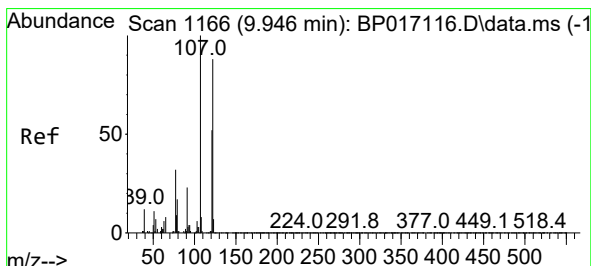
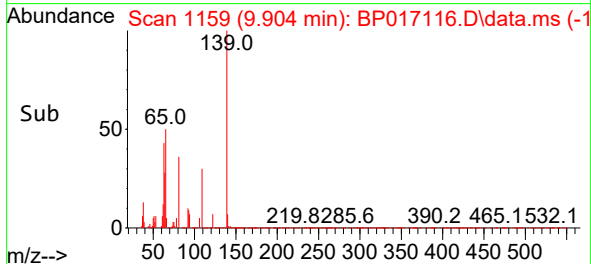
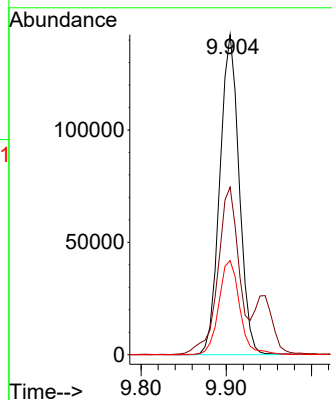
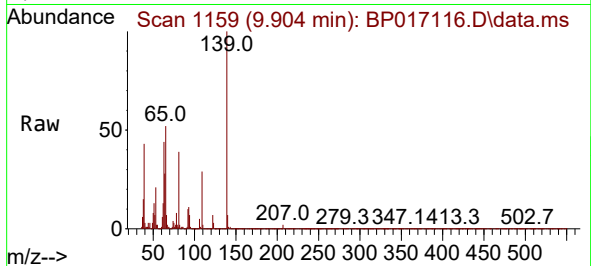




#25
2-Nitrophenol
Concen: 19.205 ng/ul
RT: 9.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

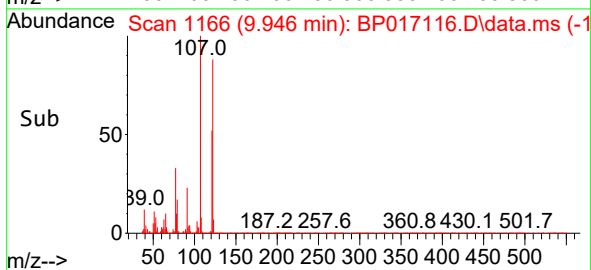
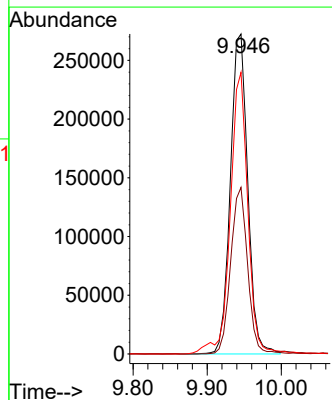
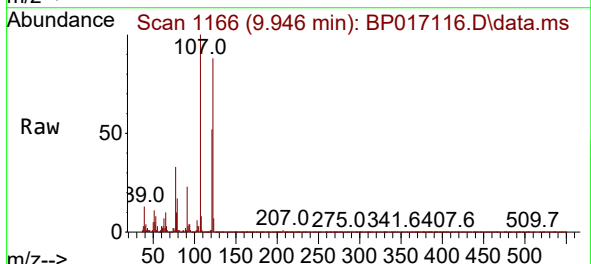
Instrument :
BNA_P
ClientSampleId :

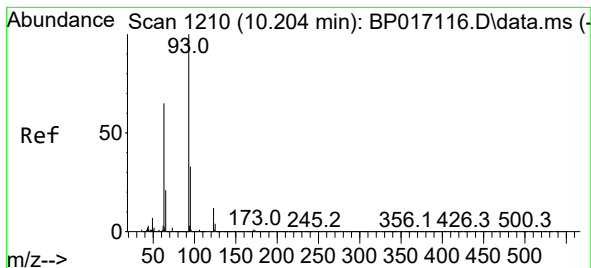
Tgt Ion:139 Resp: 224532
Ion Ratio Lower Upper
139 100
65 52.4 41.9 62.9
109 29.4 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 18.614 ng/ul
RT: 9.946 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:107 Resp: 443509
Ion Ratio Lower Upper
107 100
121 52.1 41.7 62.5
122 88.0 70.4 105.6

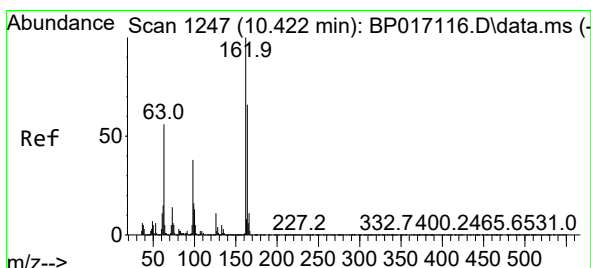
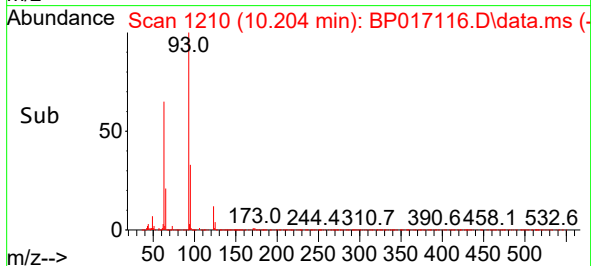
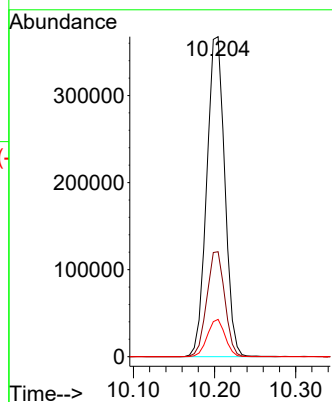
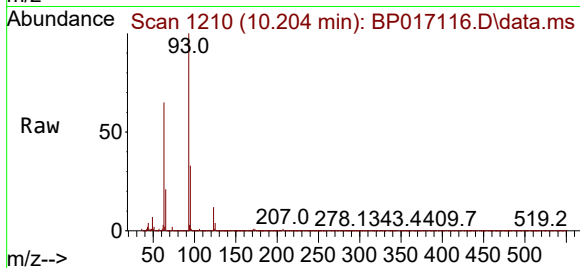




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.790 ng/ul
 RT: 10.204 min Scan# 1210
 Delta R.T. 0.000 min
 Lab File: BP017116.D
 Acq: 12 Sep 2023 13:39

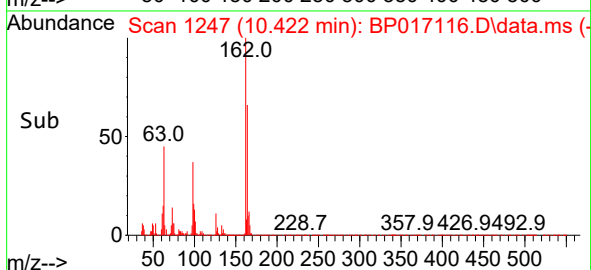
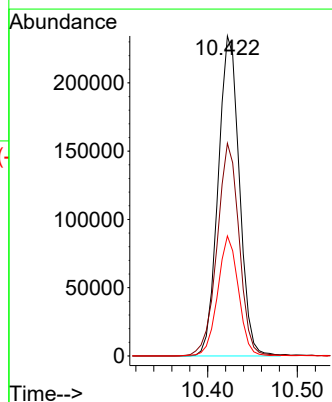
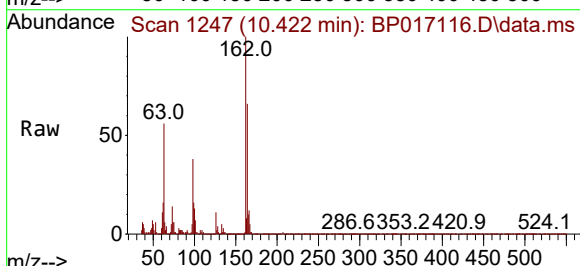
Instrument :
 BNA_P
 ClientSampleId :

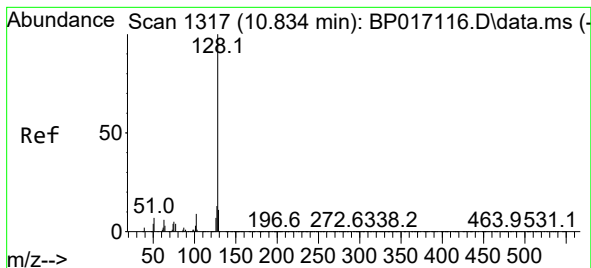
Tgt Ion: 93 Resp: 566287
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 11.6 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 18.681 ng/ul
 RT: 10.422 min Scan# 1247
 Delta R.T. 0.000 min
 Lab File: BP017116.D
 Acq: 12 Sep 2023 13:39

Tgt Ion: 162 Resp: 384691
 Ion Ratio Lower Upper
 162 100
 164 66.5 53.2 79.8
 98 37.5 30.0 45.0





#30

Naphthalene

Concen: 18.725 ng/ul

RT: 10.834 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

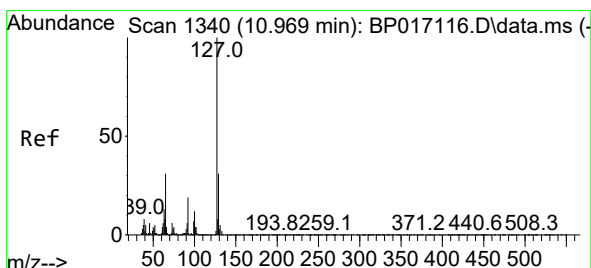
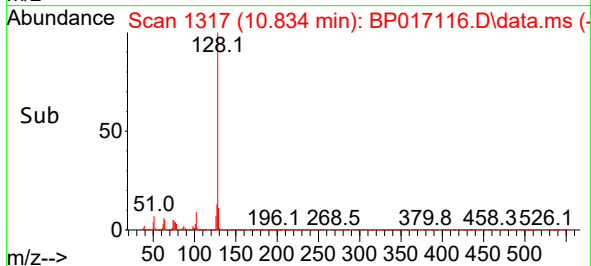
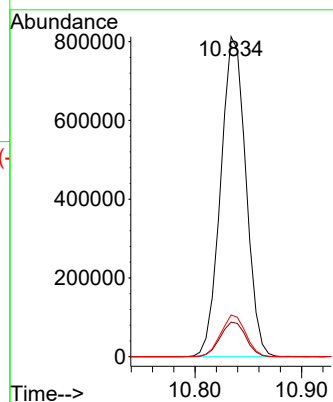
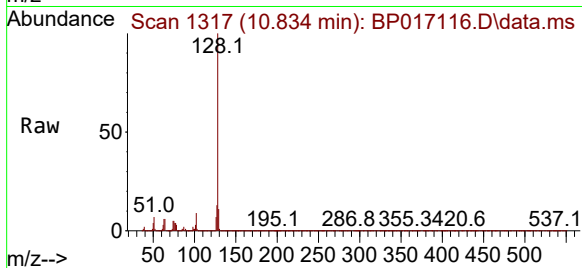
Tgt Ion:128 Resp: 1333319

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.0 10.4 15.6



#32

4-Chloroaniline

Concen: 19.022 ng/ul

RT: 10.969 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BP017116.D

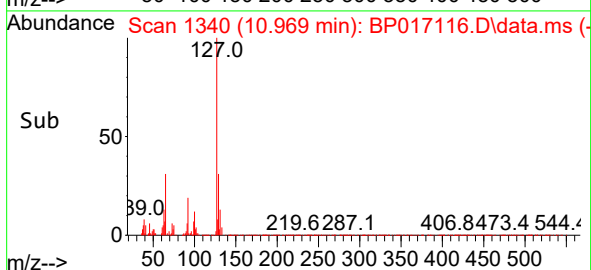
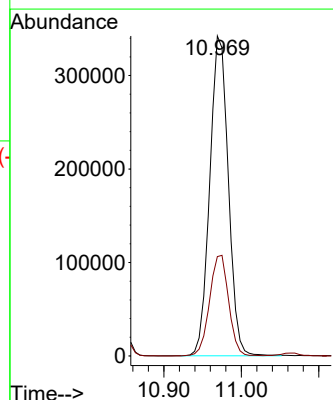
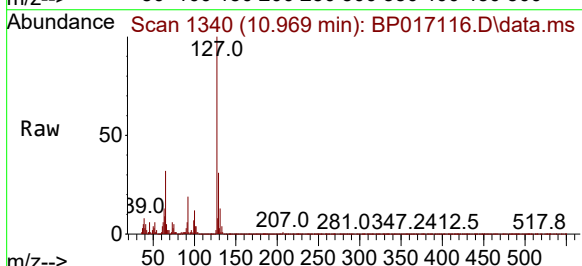
Acq: 12 Sep 2023 13:39

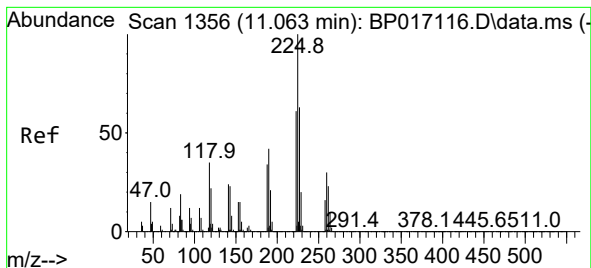
Tgt Ion:127 Resp: 569162

Ion Ratio Lower Upper

127 100

129 31.0 24.8 37.2





#33

Hexachlorobutadiene

Concen: 18.650 ng/ul

RT: 11.063 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

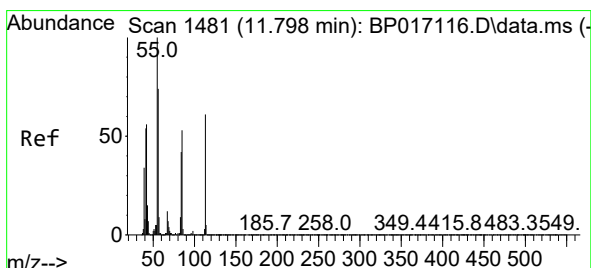
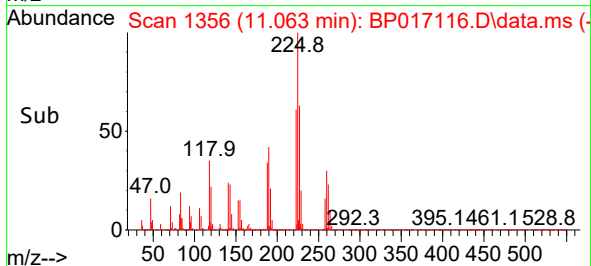
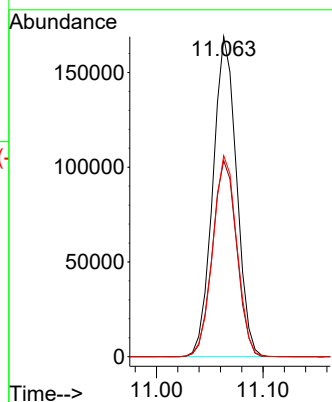
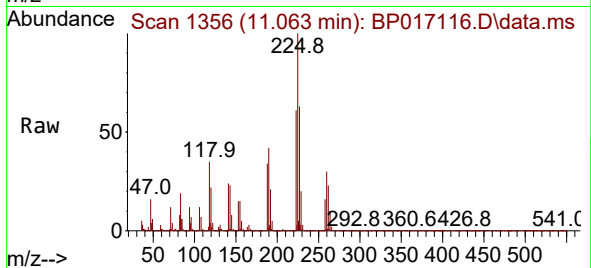
Tgt Ion:225 Resp: 260771

Ion Ratio Lower Upper

225 100

223 61.2 49.0 73.4

227 62.8 50.2 75.4



#34

Caprolactam

Concen: 14.994 ng/ul

RT: 11.798 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

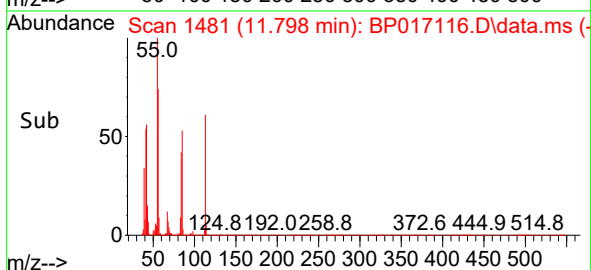
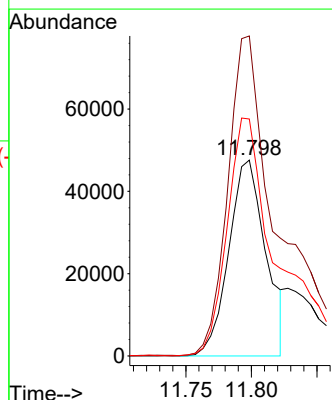
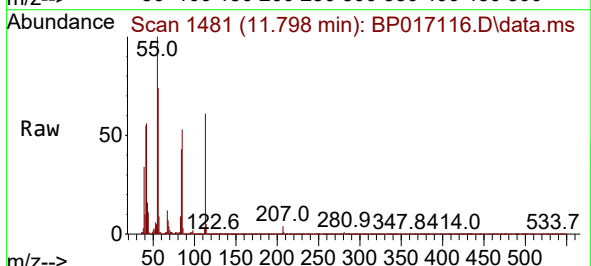
Tgt Ion:113 Resp: 93349

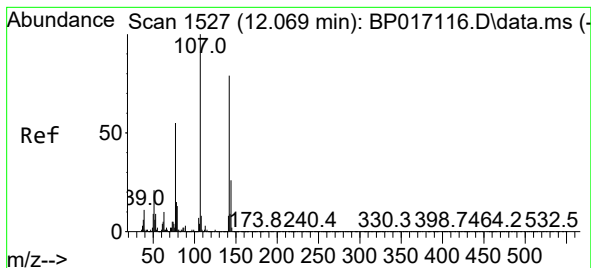
Ion Ratio Lower Upper

113 100

55 163.4 130.7 196.1

56 121.0 96.8 145.2

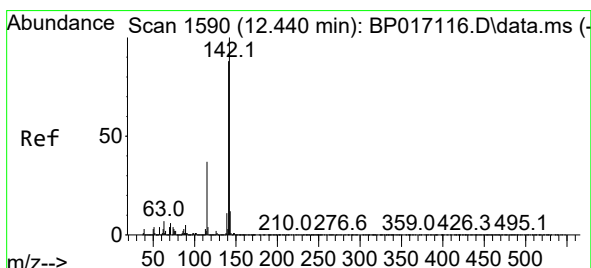
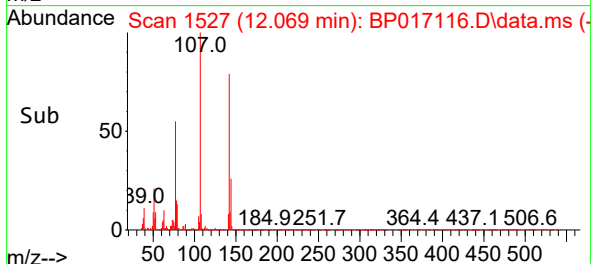
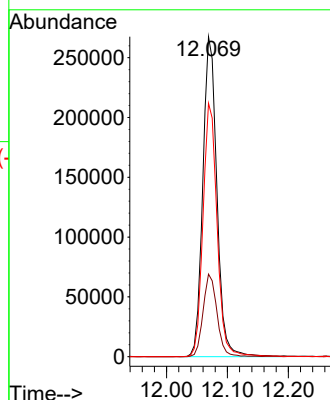
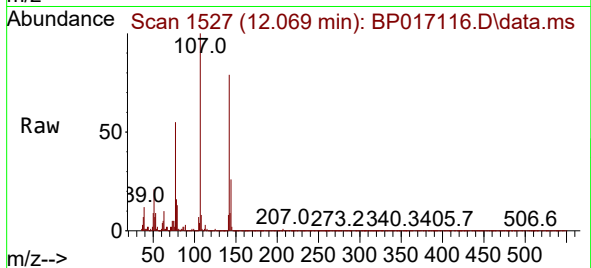




#35
4-Chloro-3-methylphenol
Concen: 19.254 ng/ul
RT: 12.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

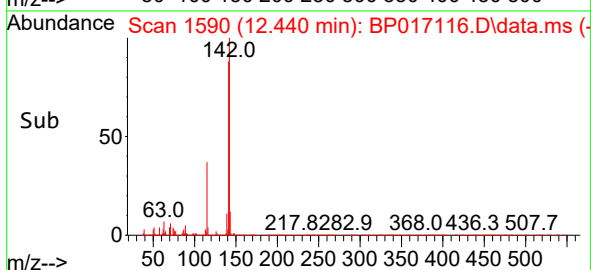
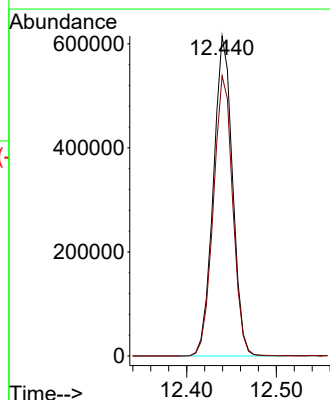
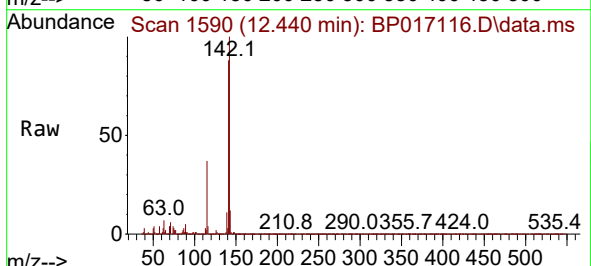
Instrument :
BNA_P
ClientSampleId :

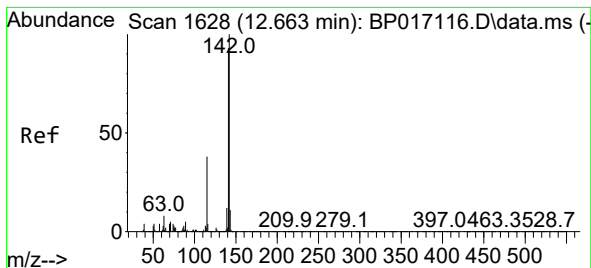
Tgt Ion:107 Resp: 428996
Ion Ratio Lower Upper
107 100
144 25.8 20.6 31.0
142 79.2 63.4 95.0



#36
2-Methylnaphthalene
Concen: 18.970 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:142 Resp: 911428
Ion Ratio Lower Upper
142 100
141 87.6 70.1 105.1





#37

1-Methylnaphthalene

Concen: 19.031 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

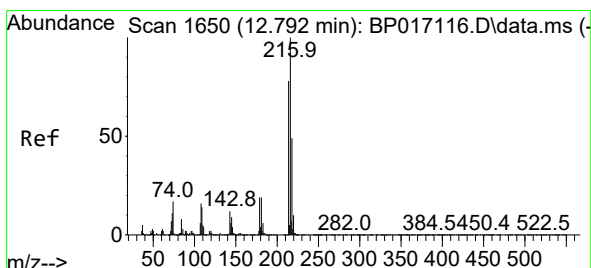
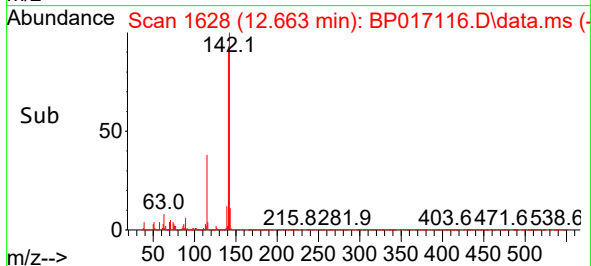
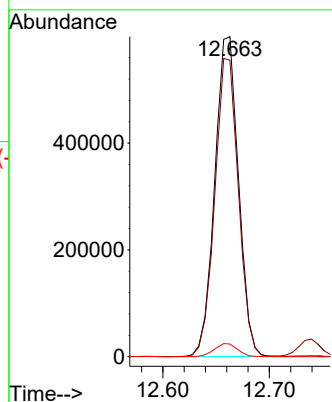
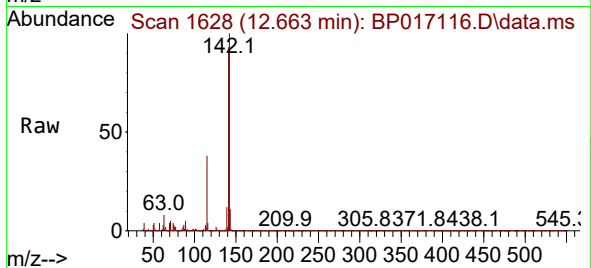
Tgt Ion:142 Resp: 925580

Ion Ratio Lower Upper

142 100

141 92.6 74.1 111.1

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.495 ng/ul

RT: 12.792 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Tgt Ion:216 Resp: 504850

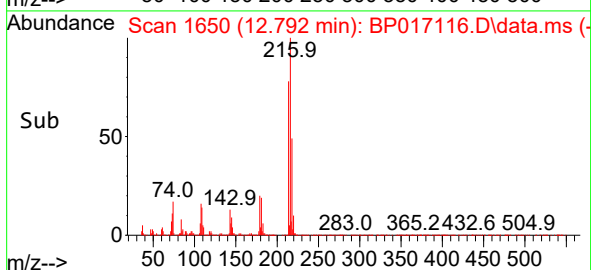
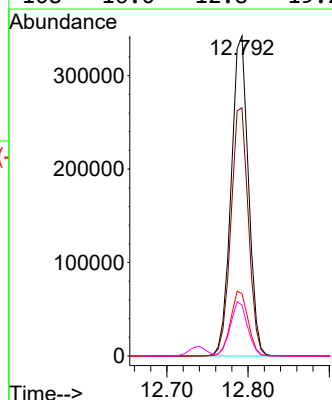
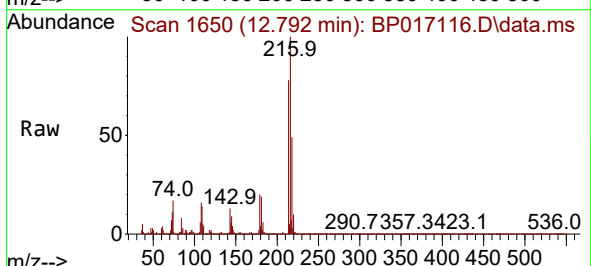
Ion Ratio Lower Upper

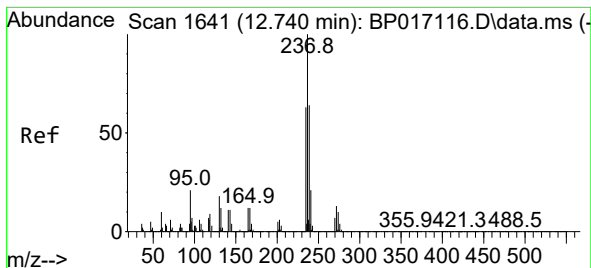
216 100

214 77.6 62.1 93.1

179 19.5 15.6 23.4

108 16.0 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 22.439 ng/ul

RT: 12.740 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

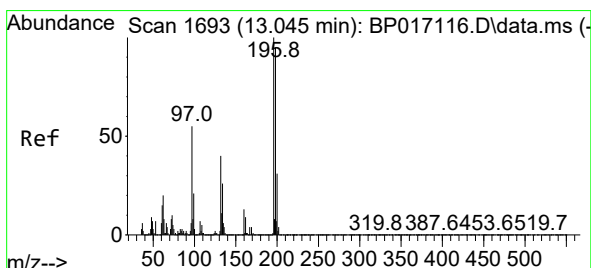
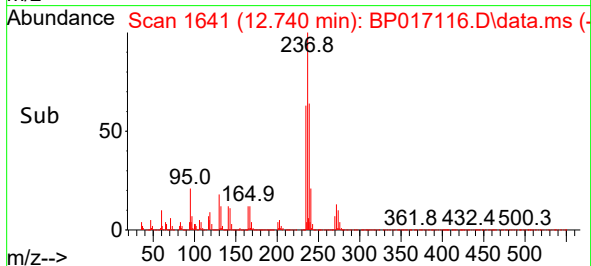
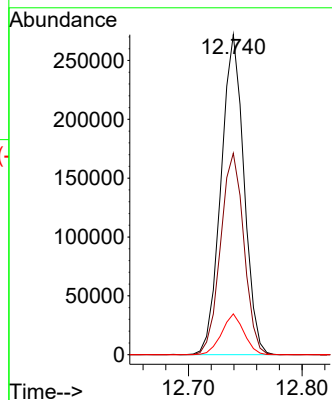
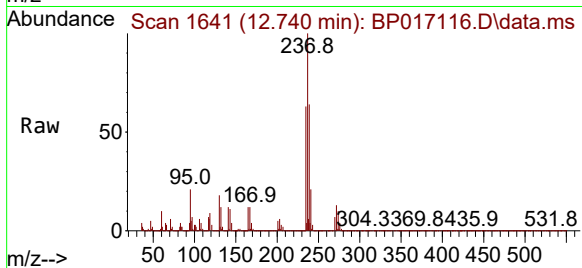
Tgt Ion:237 Resp: 381623

Ion Ratio Lower Upper

237 100

235 63.0 50.4 75.6

272 12.8 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 18.767 ng/ul

RT: 13.045 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

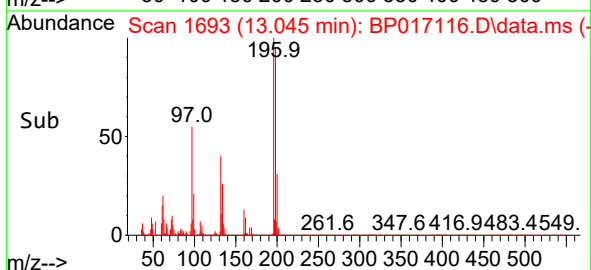
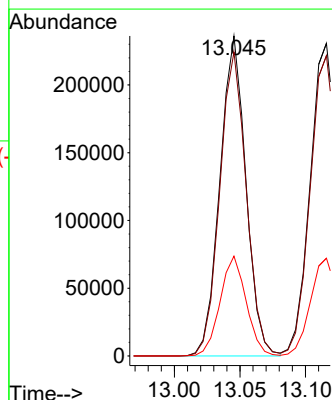
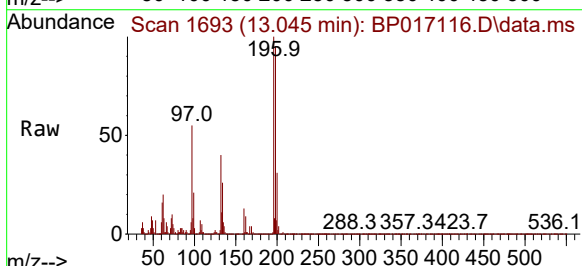
Tgt Ion:196 Resp: 325431

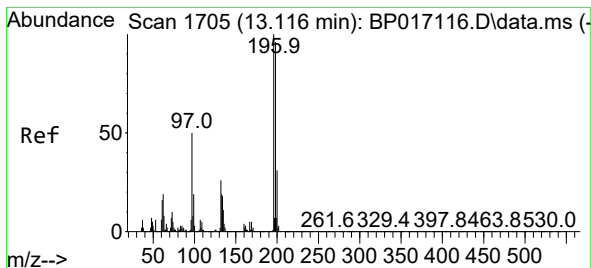
Ion Ratio Lower Upper

196 100

198 95.0 76.0 114.0

200 31.2 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 18.681 ng/ul

RT: 13.116 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

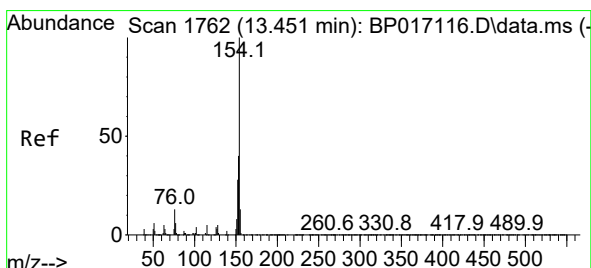
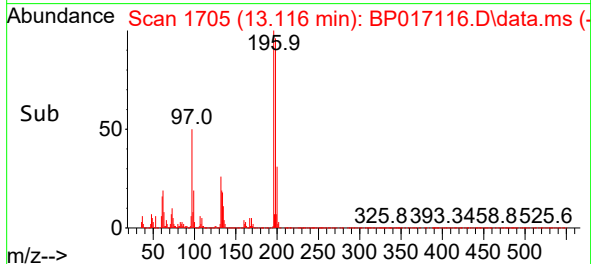
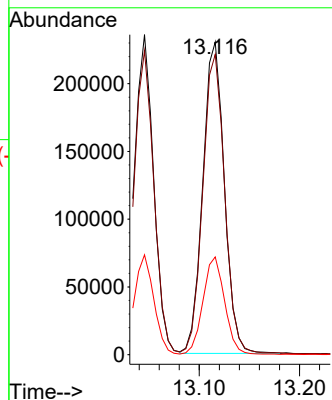
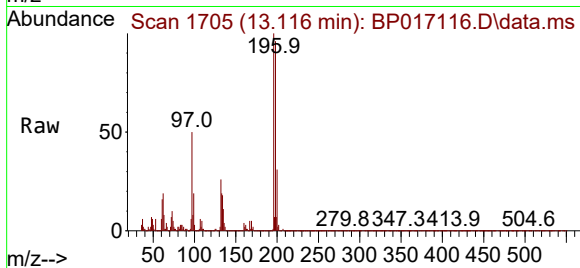
Tgt Ion:196 Resp: 344392

Ion Ratio Lower Upper

196 100

198 96.1 76.9 115.3

200 31.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 18.672 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

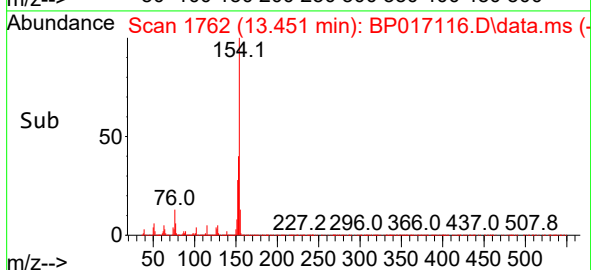
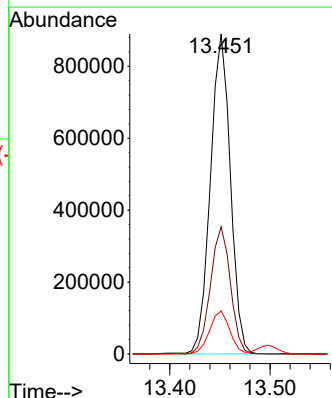
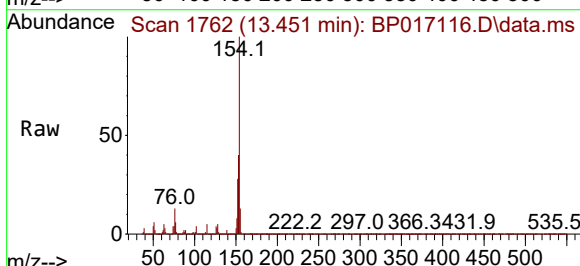
Tgt Ion:154 Resp: 1227078

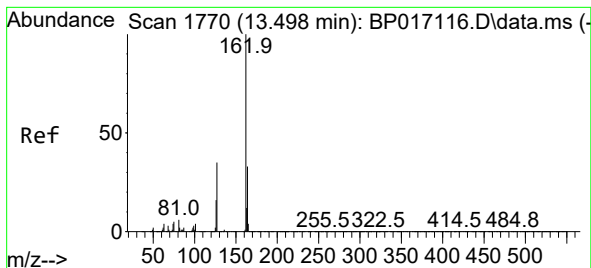
Ion Ratio Lower Upper

154 100

153 39.8 31.8 47.8

76 13.5 10.8 16.2

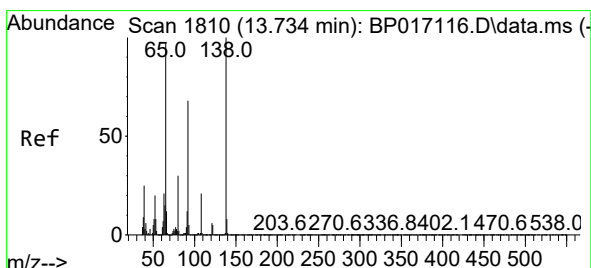
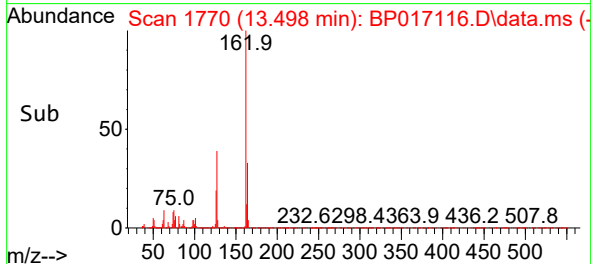
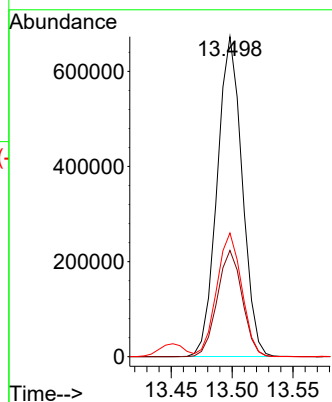
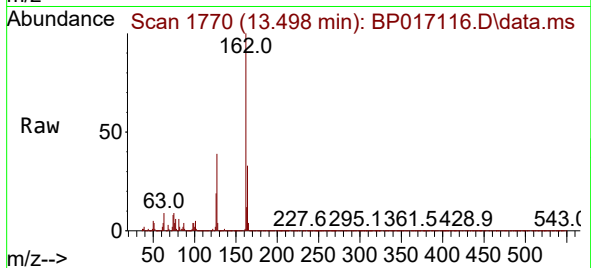




#44
2-Chloronaphthalene
Concen: 18.435 ng/ul
RT: 13.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

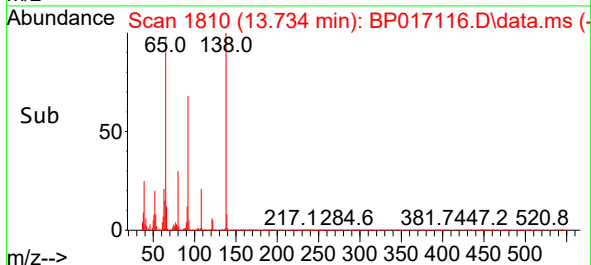
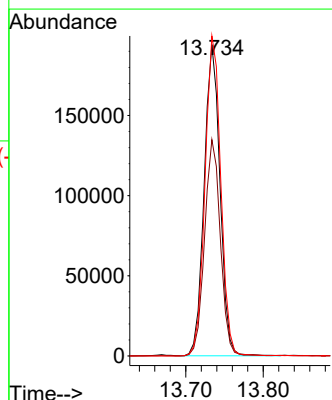
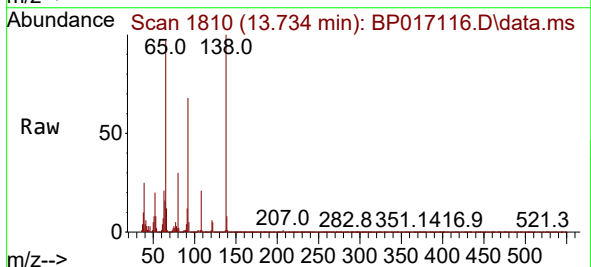
Instrument :
BNA_P
ClientSampleId :

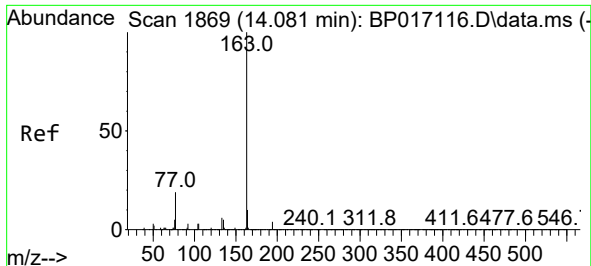
Tgt Ion:162 Resp: 962079
Ion Ratio Lower Upper
162 100
164 33.2 26.6 39.8
127 38.7 31.0 46.4



#45
2-Nitroaniline
Concen: 19.461 ng/ul
RT: 13.734 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion: 65 Resp: 275112
Ion Ratio Lower Upper
65 100
92 69.5 55.6 83.4
138 102.7 82.2 123.2

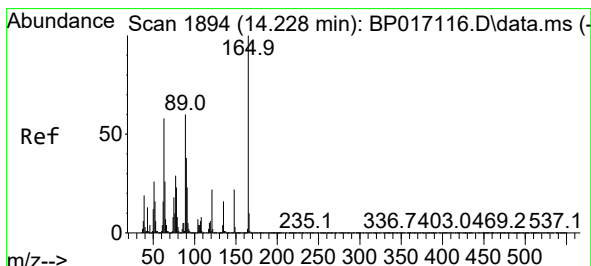
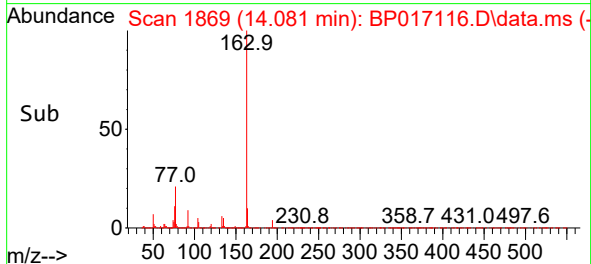
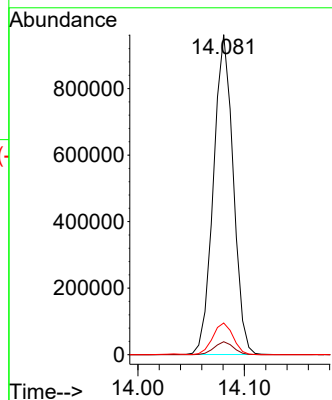
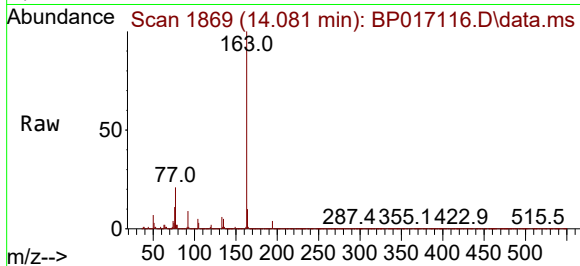




#47
Dimethylphthalate
Concen: 18.686 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

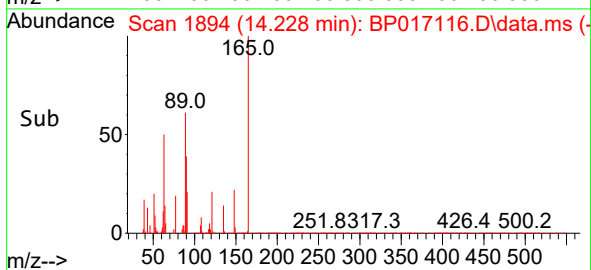
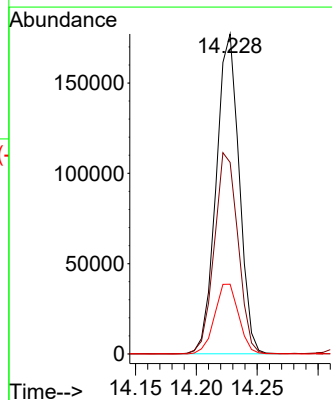
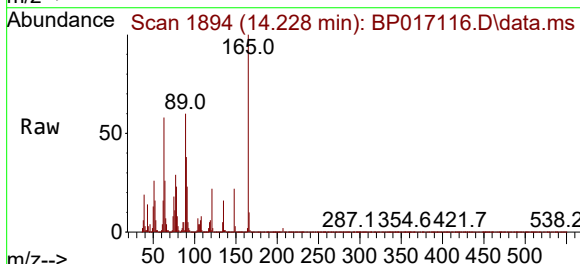
Instrument :
BNA_P
ClientSampleId :

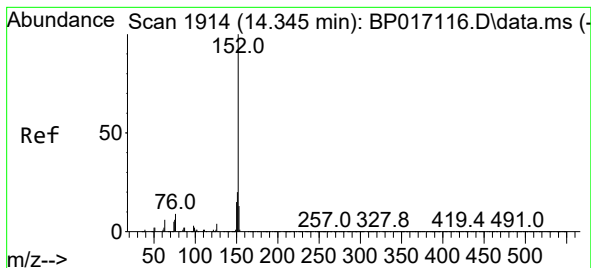
Tgt Ion:163 Resp: 1237129
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 19.211 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:165 Resp: 232460
Ion Ratio Lower Upper
165 100
89 59.8 47.8 71.8
121 21.8 17.4 26.2





#50

Acenaphthylene

Concen: 18.907 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

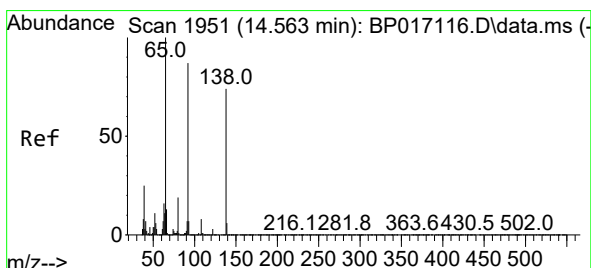
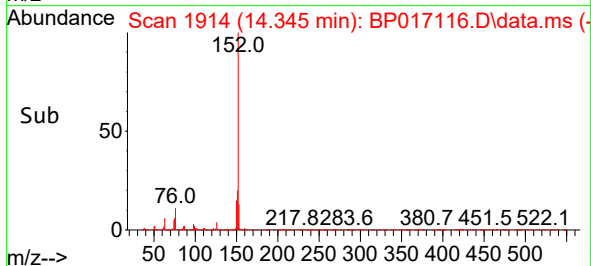
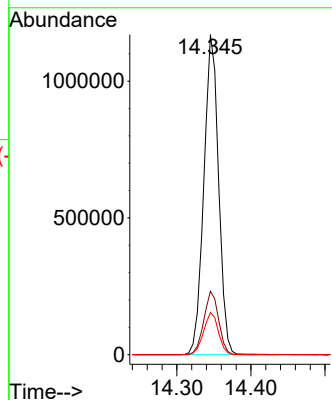
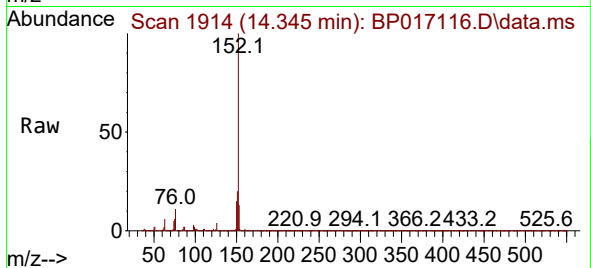
Tgt Ion:152 Resp: 1616427

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 15.8



#51

3-Nitroaniline

Concen: 18.736 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

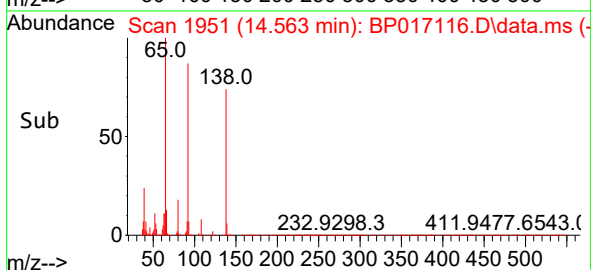
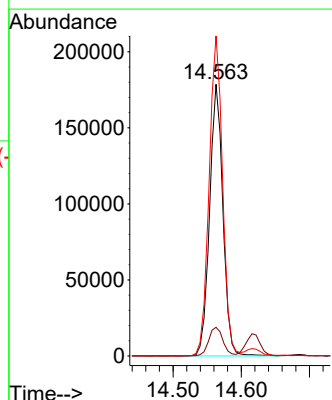
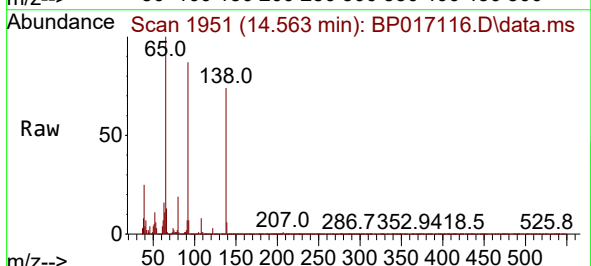
Tgt Ion:138 Resp: 242600

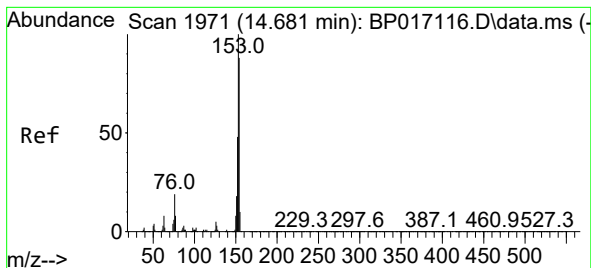
Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

92 117.8 94.2 141.4





#52

Acenaphthene

Concen: 18.631 ng/ul

RT: 14.681 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

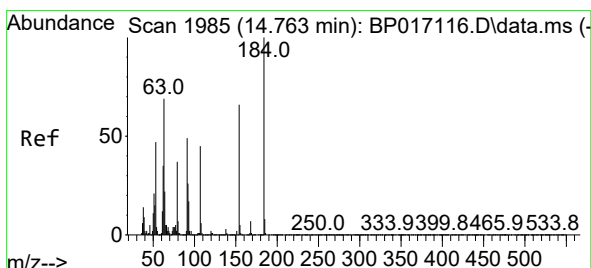
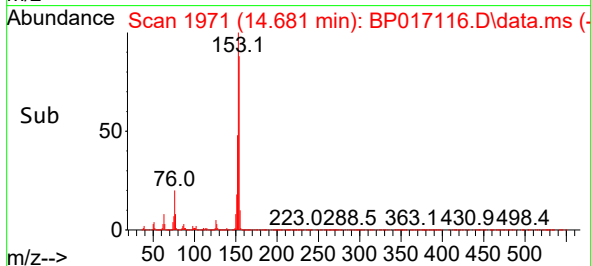
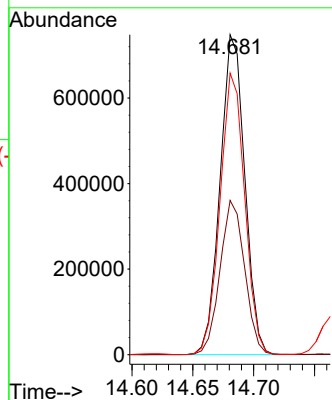
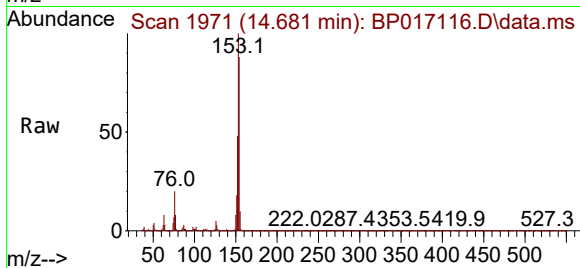
Tgt Ion:153 Resp: 1054026

Ion Ratio Lower Upper

153 100

152 48.2 38.6 57.8

154 88.0 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 21.025 ng/ul

RT: 14.763 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

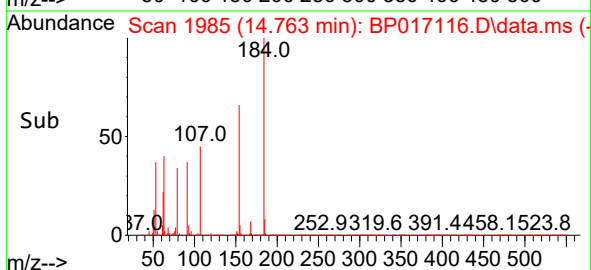
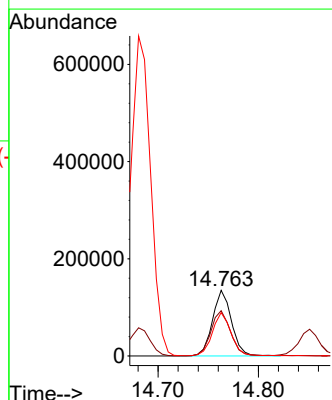
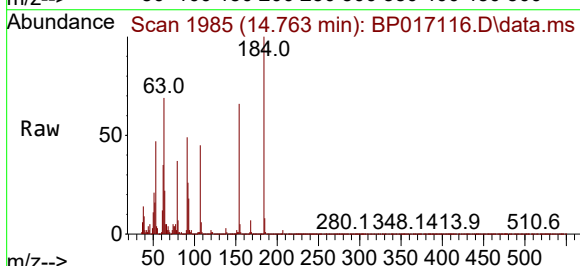
Tgt Ion:184 Resp: 178247

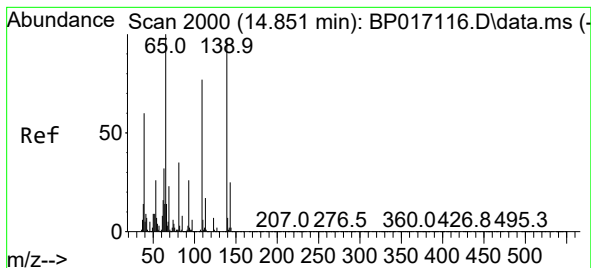
Ion Ratio Lower Upper

184 100

63 69.0 55.2 82.8

154 66.2 53.0 79.4

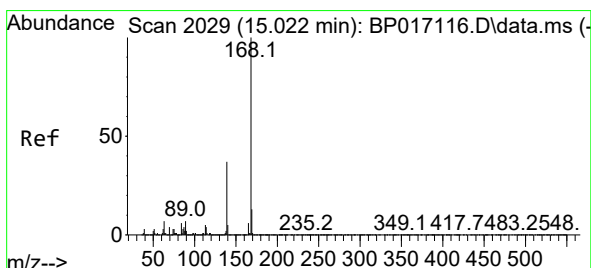
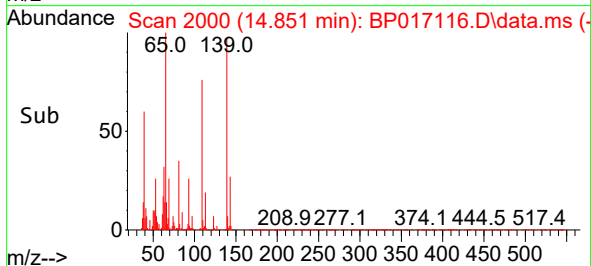
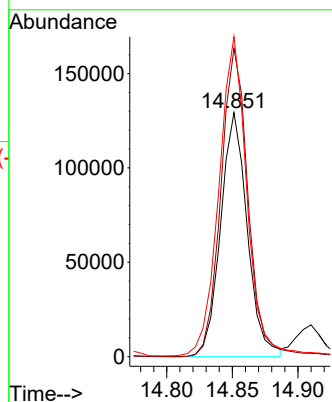
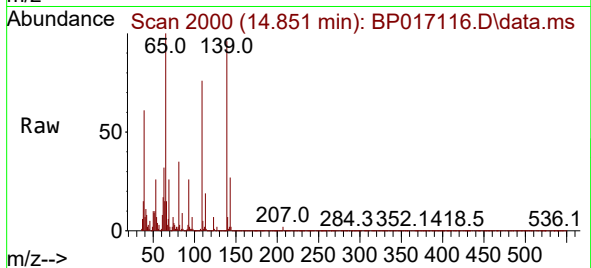




#55
4-Nitrophenol
Concen: 18.070 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

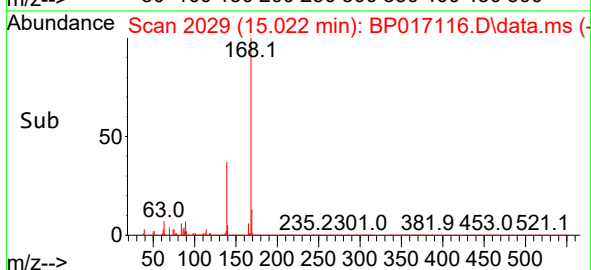
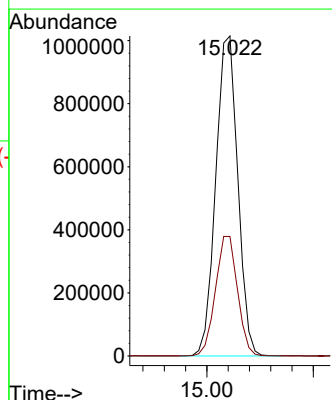
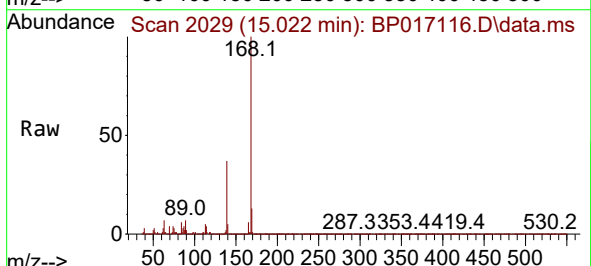
Instrument :
BNA_P
ClientSampleId :

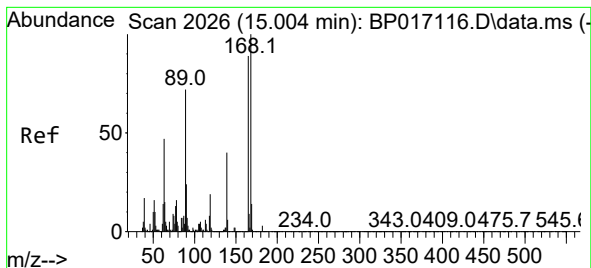
Tgt Ion:109 Resp: 182300
Ion Ratio Lower Upper
109 100
139 126.4 101.1 151.7
65 131.2 105.0 157.4



#56
Dibenzofuran
Concen: 18.597 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:168 Resp: 1453921
Ion Ratio Lower Upper
168 100
139 37.4 29.9 44.9

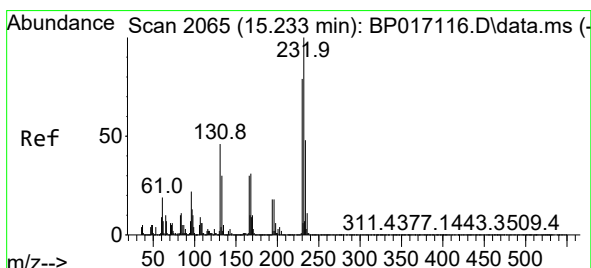
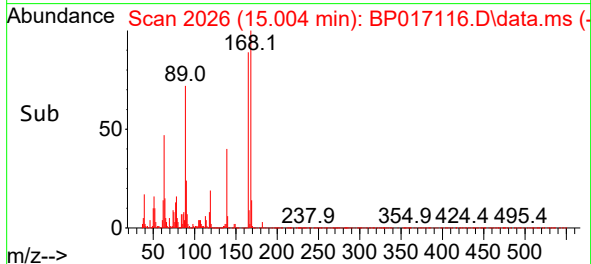
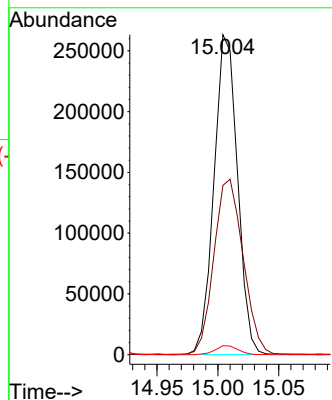
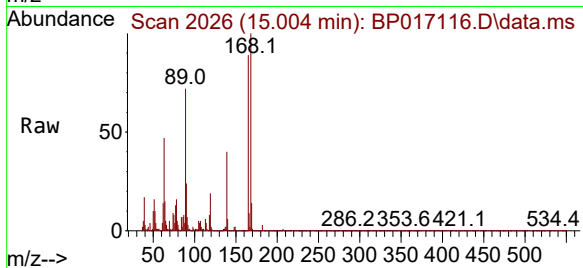




#57
2,4-Dinitrotoluene
Concen: 19.589 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

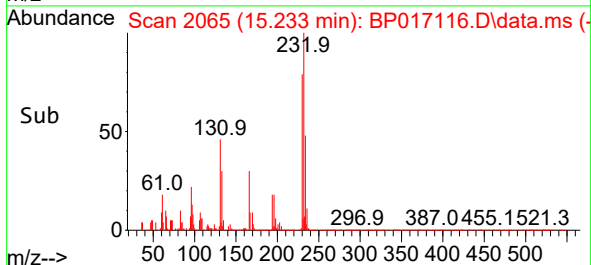
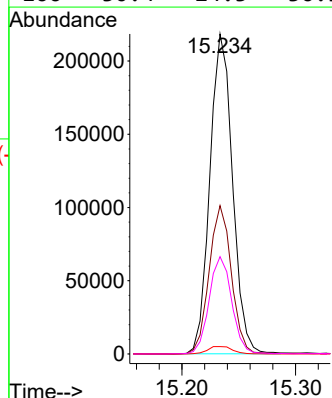
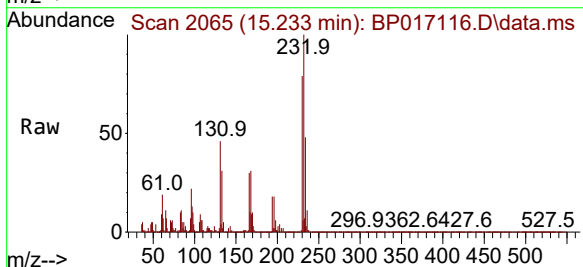
Instrument :
BNA_P
ClientSampleId :

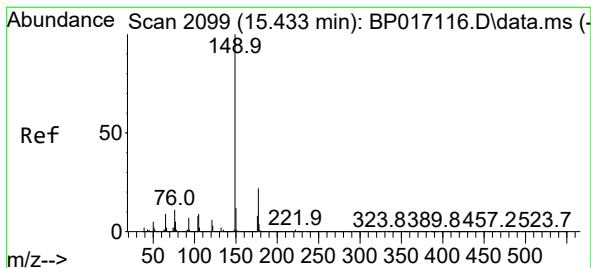
Tgt Ion:165 Resp: 353066
Ion Ratio Lower Upper
165 100
63 52.9 42.3 63.5
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.737 ng/ul
RT: 15.233 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:232 Resp: 303031
Ion Ratio Lower Upper
232 100
131 46.3 37.0 55.6
130 2.3 1.8 2.8
166 30.4 24.3 36.5





#59

Diethylphthalate

Concen: 18.817 ng/ul

RT: 15.433 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

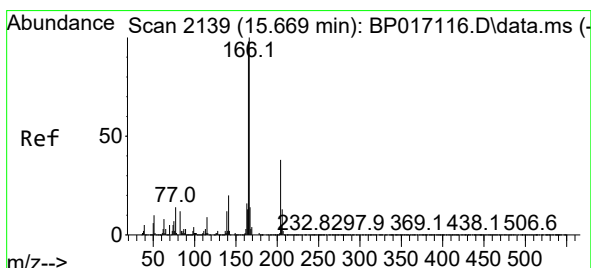
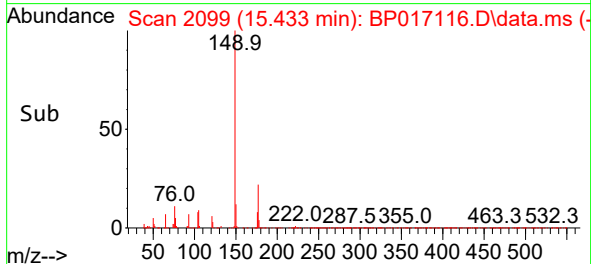
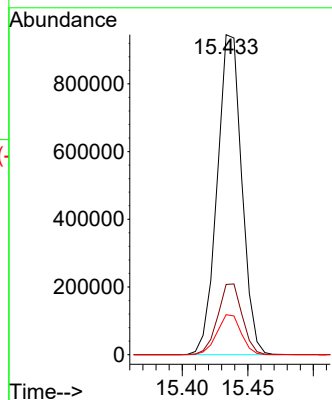
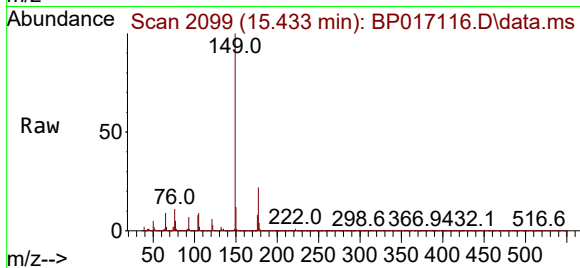
Tgt Ion:149 Resp: 1229999

Ion Ratio Lower Upper

149 100

177 21.9 17.5 26.3

150 12.5 10.0 15.0



#61

Fluorene

Concen: 18.824 ng/ul

RT: 15.669 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

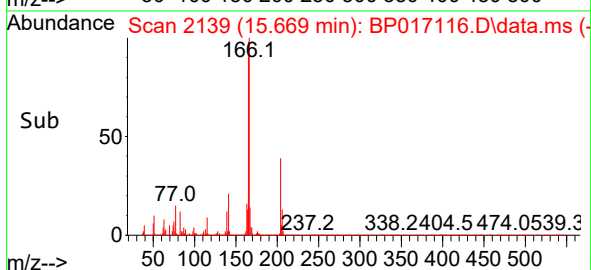
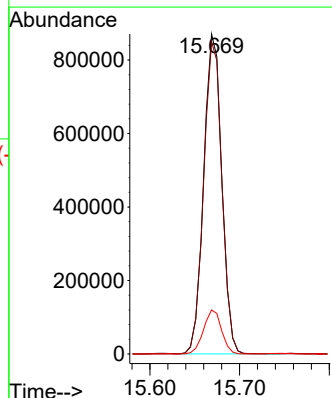
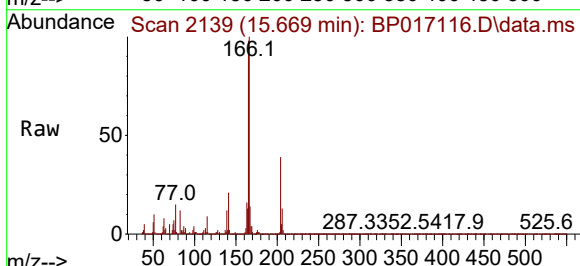
Tgt Ion:166 Resp: 1216699

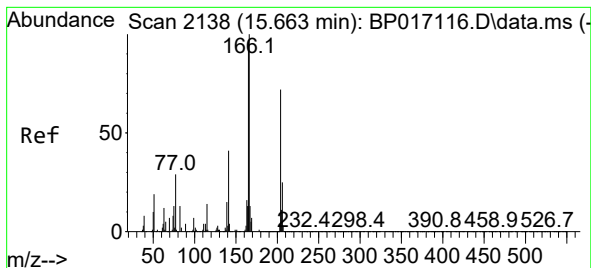
Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.2

167 13.7 11.0 16.4

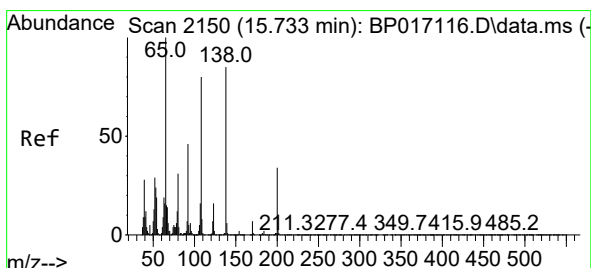
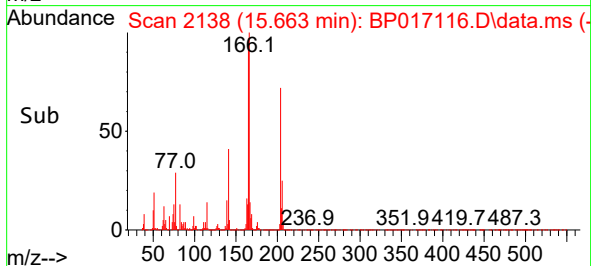
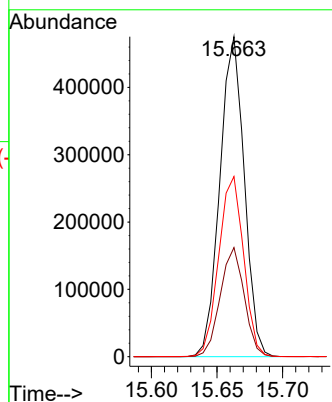
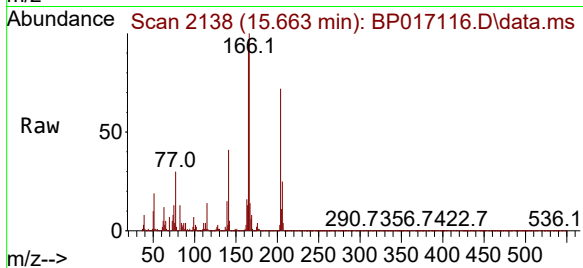




#62
4-Chlorophenyl-phenylether
Concen: 18.715 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

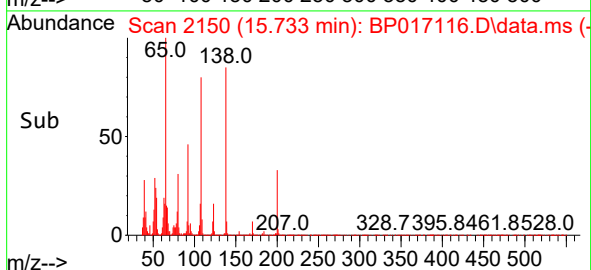
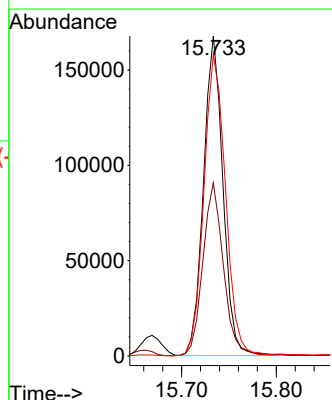
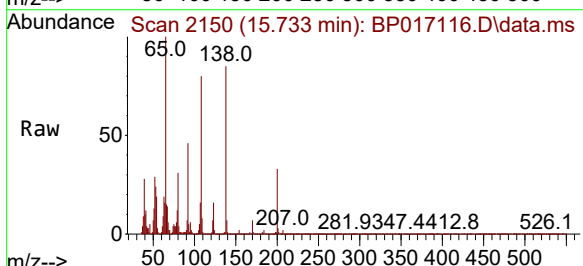
Instrument :
BNA_P
ClientSampleId :

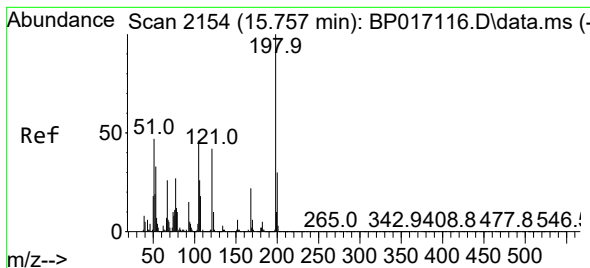
Tgt Ion:204 Resp: 615012
Ion Ratio Lower Upper
204 100
206 34.1 27.3 40.9
141 56.3 45.0 67.6



#63
4-Nitroaniline
Concen: 19.837 ng/ul
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:138 Resp: 238797
Ion Ratio Lower Upper
138 100
92 54.1 43.3 64.9
108 94.1 75.3 112.9

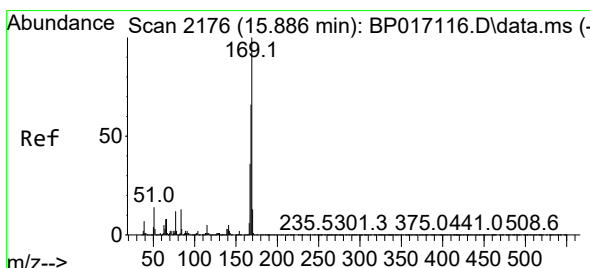
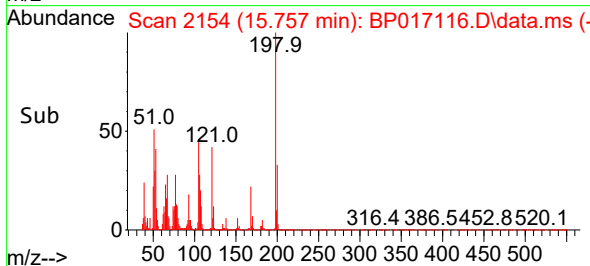
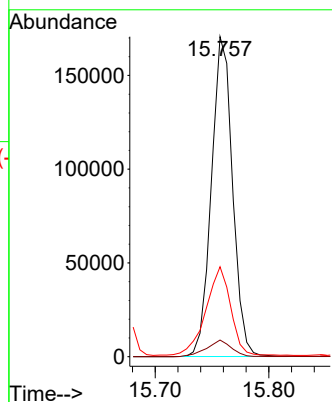
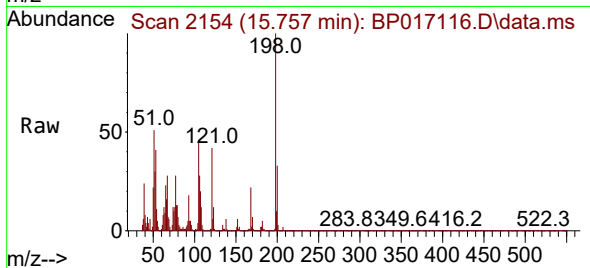




#66
4,6-Dinitro-2-methylphenol
Concen: 17.808 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

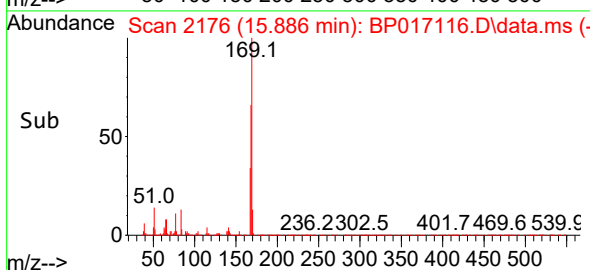
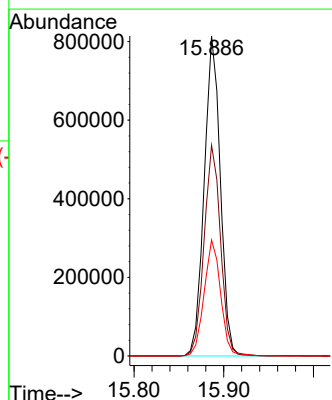
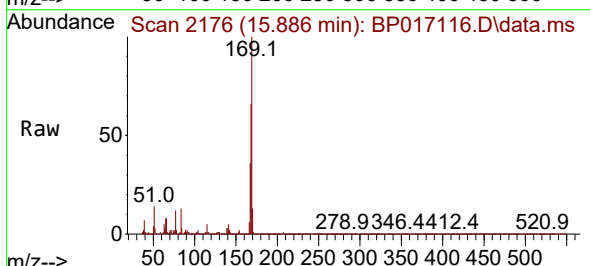
Instrument :
BNA_P
ClientSampleId :

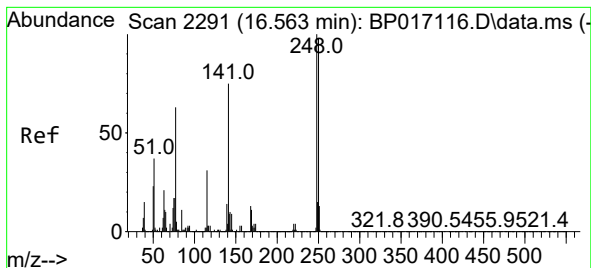
Tgt Ion:198 Resp: 220878
Ion Ratio Lower Upper
198 100
182 5.2 4.2 6.2
77 28.1 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 18.856 ng/ul
RT: 15.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:169 Resp: 1014214
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 36.2 29.0 43.4

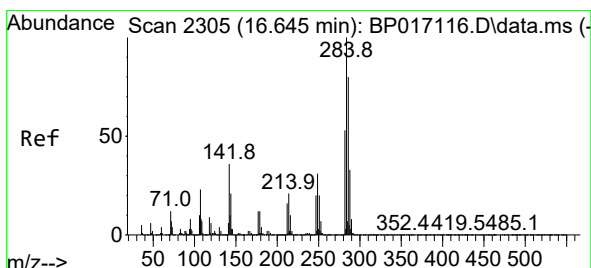
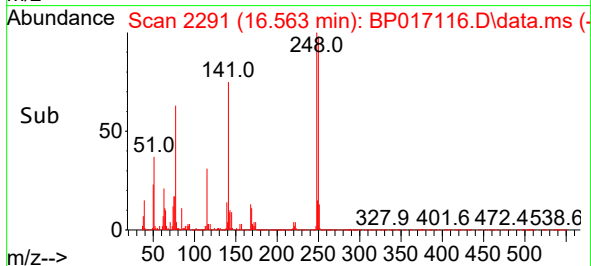
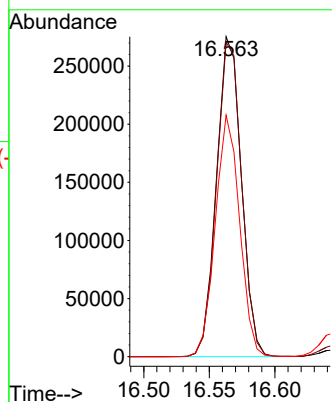
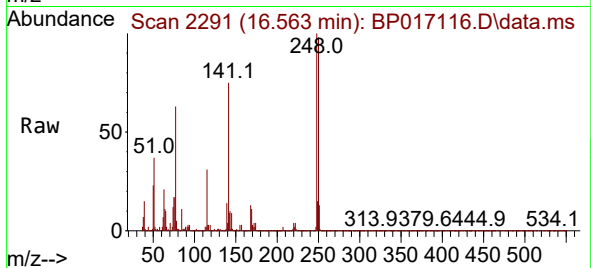




#68
4-Bromophenyl-phenylether
Concen: 18.479 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

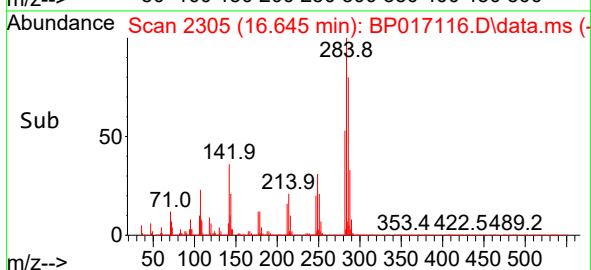
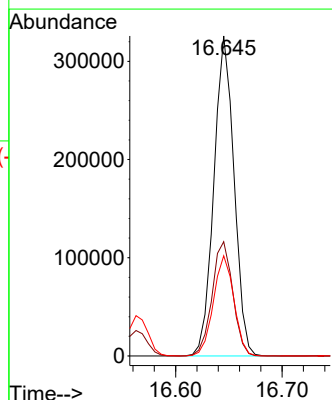
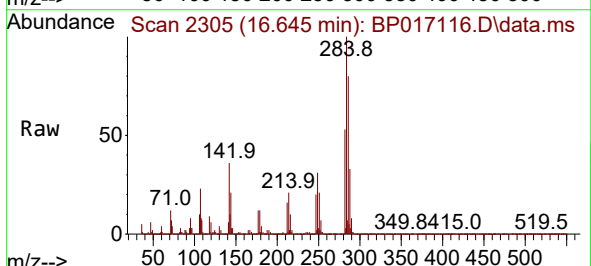
Instrument :
BNA_P
ClientSampleId :

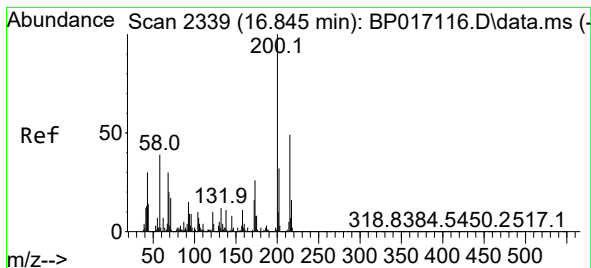
Tgt Ion:248 Resp: 364361
Ion Ratio Lower Upper
248 100
250 98.3 78.6 118.0
141 75.5 60.4 90.6



#69
Hexachlorobenzene
Concen: 18.318 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:284 Resp: 427532
Ion Ratio Lower Upper
284 100
142 35.7 28.6 42.8
249 31.3 25.0 37.6





#70

Atrazine

Concen: 19.454 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

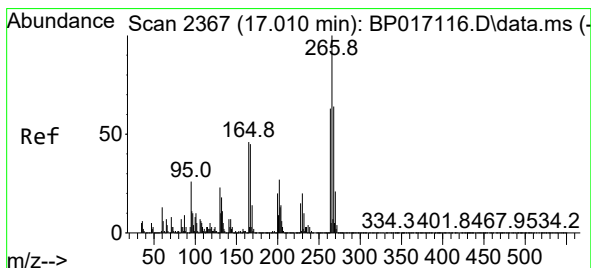
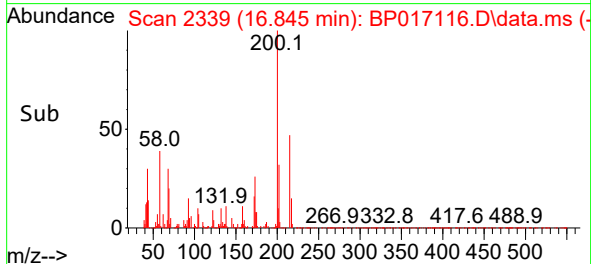
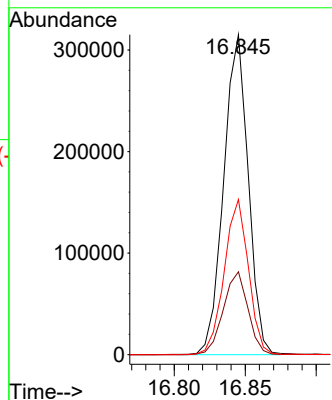
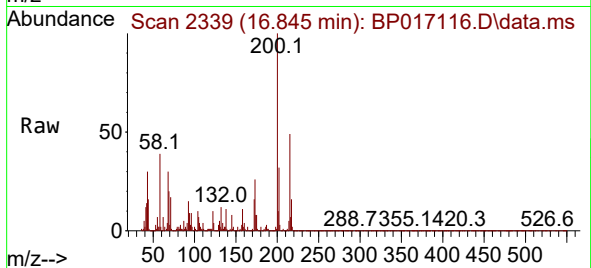
Tgt Ion:200 Resp: 378765

Ion Ratio Lower Upper

200 100

173 25.9 20.7 31.1

215 48.5 38.8 58.2



#71

Pentachlorophenol

Concen: 17.223 ng/ul

RT: 17.010 min Scan# 2367

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

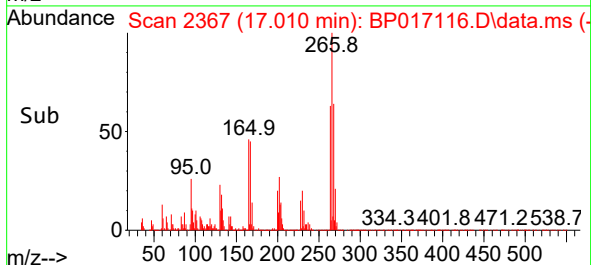
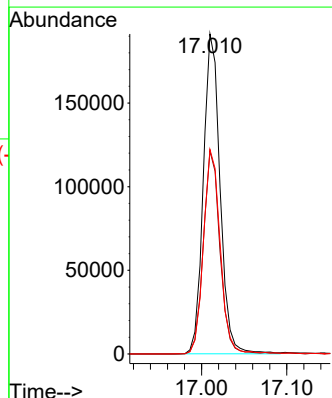
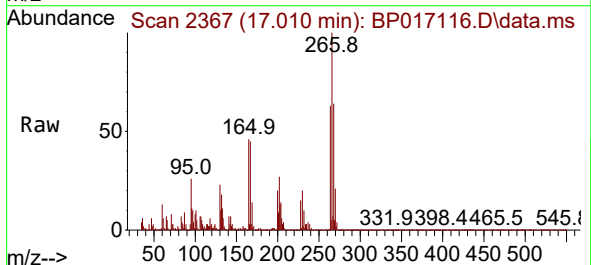
Tgt Ion:266 Resp: 261238

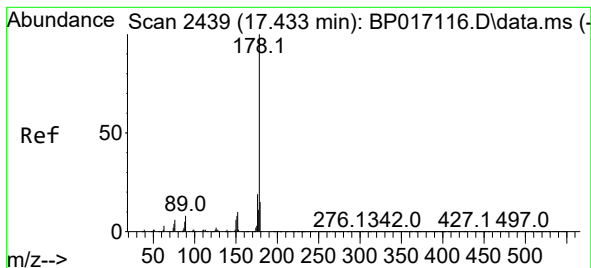
Ion Ratio Lower Upper

266 100

264 63.4 50.7 76.1

268 63.9 51.1 76.7





#72

Phenanthrene

Concen: 18.414 ng/ul

RT: 17.433 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

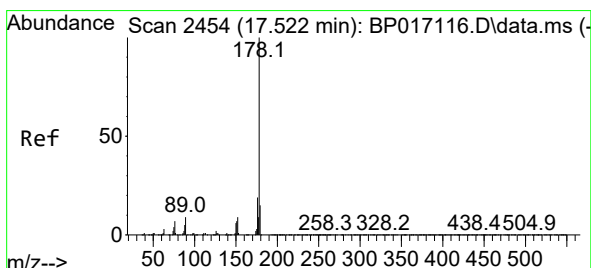
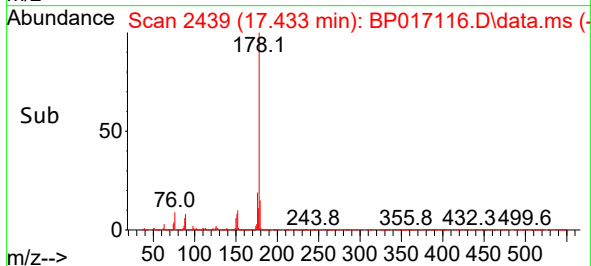
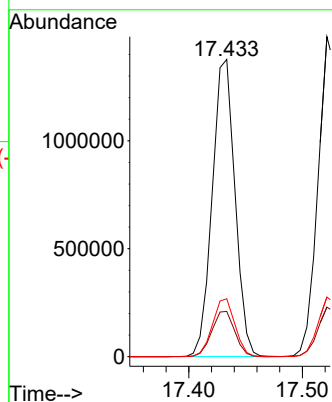
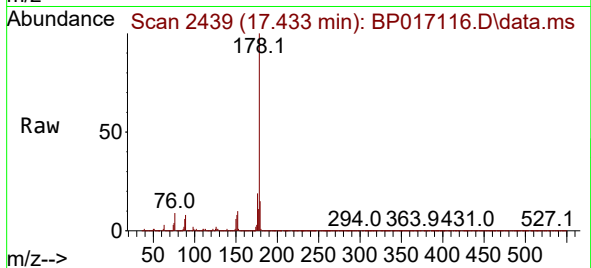
Tgt Ion:178 Resp: 1914157

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.5 15.6 23.4



#74

Anthracene

Concen: 18.716 ng/ul

RT: 17.522 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

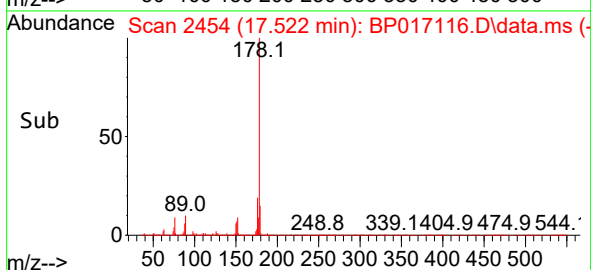
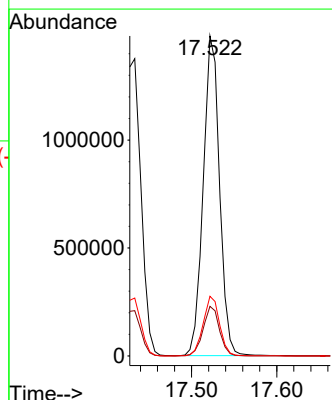
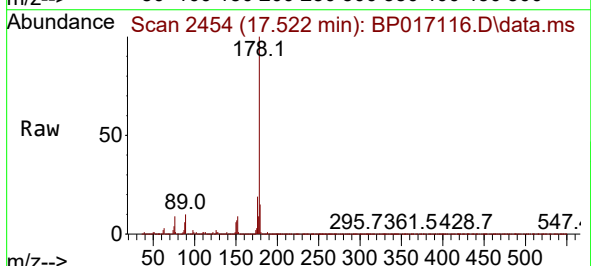
Tgt Ion:178 Resp: 1970568

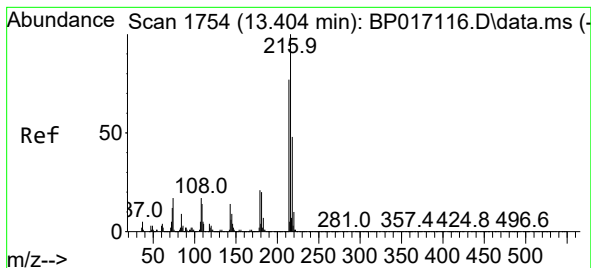
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.6 14.9 22.3

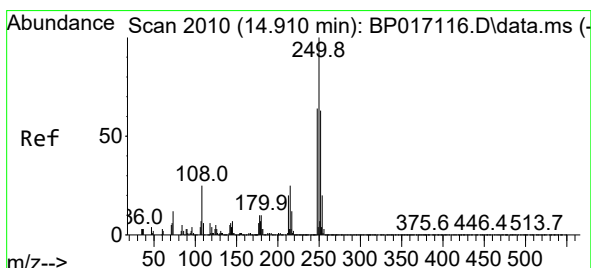
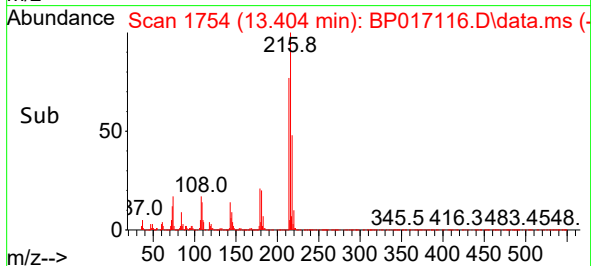
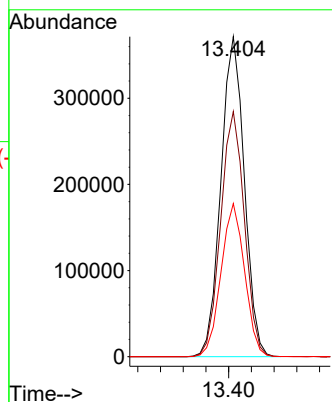
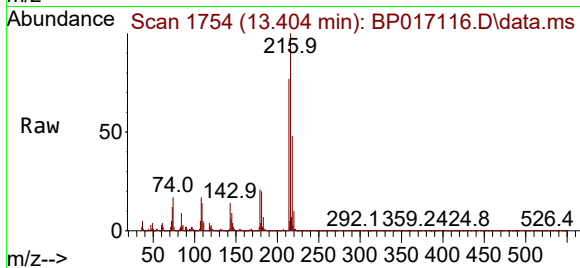




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.627 ng/uL
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

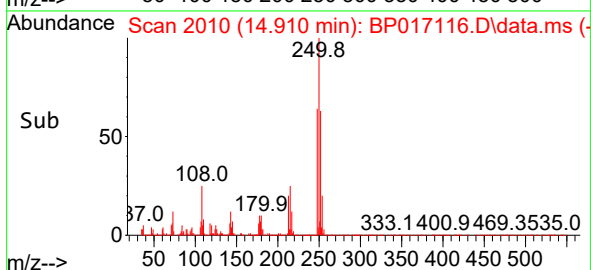
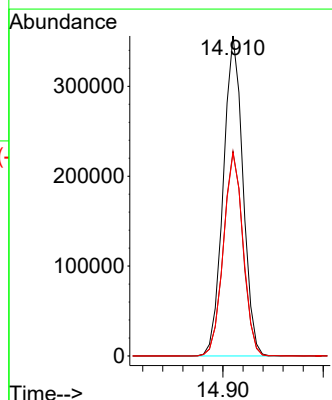
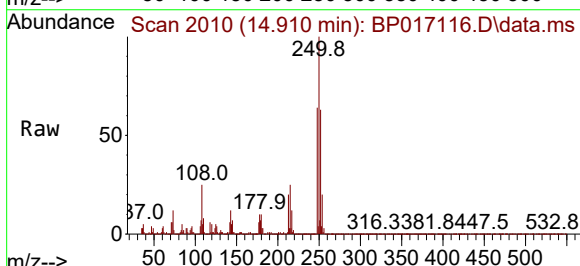
Instrument :
BNA_P
ClientSampleId :

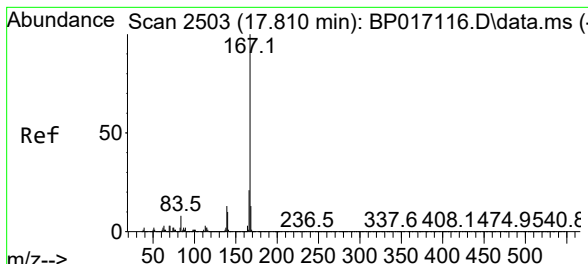
Tgt Ion:216 Resp: 532747
Ion Ratio Lower Upper
216 100
214 76.6 61.3 91.9
218 47.9 38.3 57.5



#76
Pentachlorobenzene
Concen: 18.595 ng/uL
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:250 Resp: 482589
Ion Ratio Lower Upper
250 100
248 63.9 51.1 76.7
252 63.4 50.7 76.1



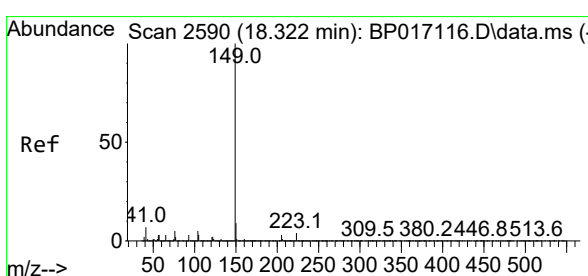
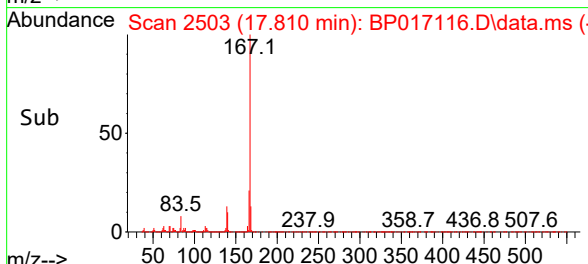
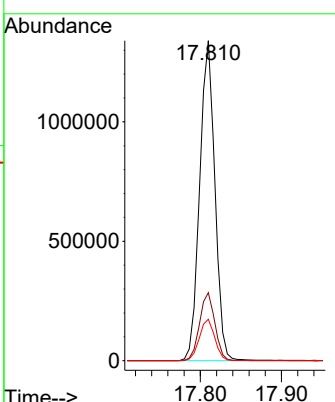
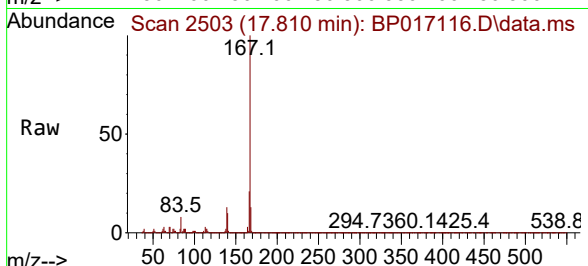


#77
 Carbazole
 Concen: 18.847 ng/ul
 RT: 17.810 min Scan# 2503
 Delta R.T. 0.000 min
 Lab File: BP017116.D
 Acq: 12 Sep 2023 13:39

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:167 Resp: 1742438

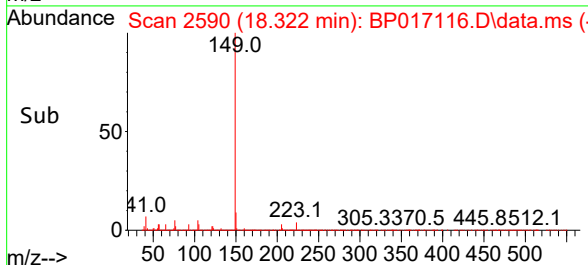
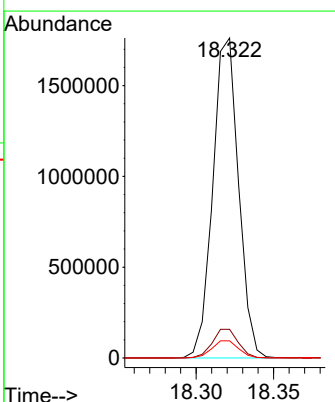
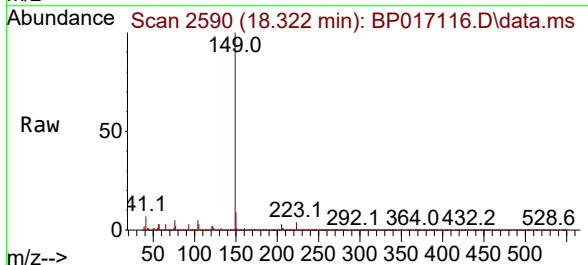
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.0	10.4	15.6

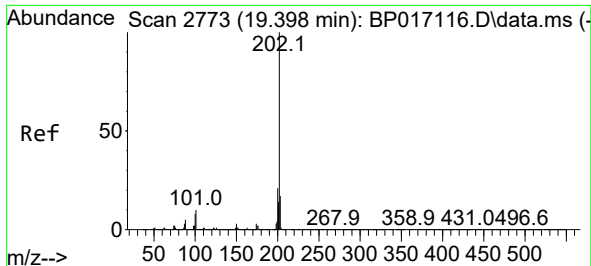


#78
 Di-n-butylphthalate
 Concen: 19.340 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BP017116.D
 Acq: 12 Sep 2023 13:39

Tgt Ion:149 Resp: 2037426

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

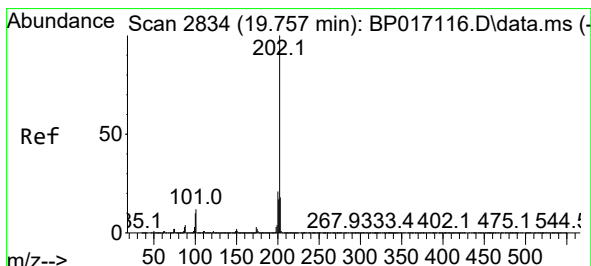
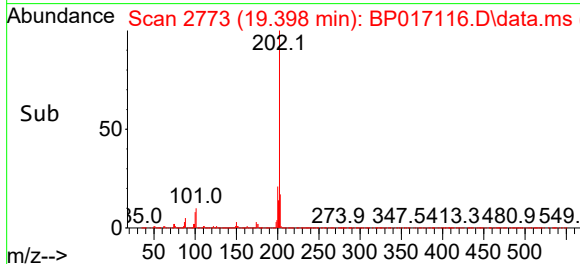
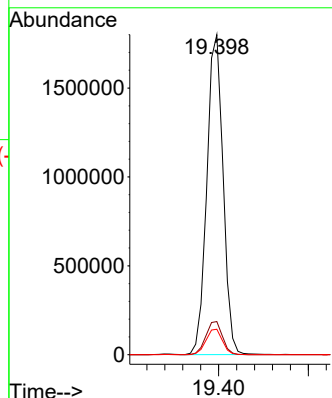
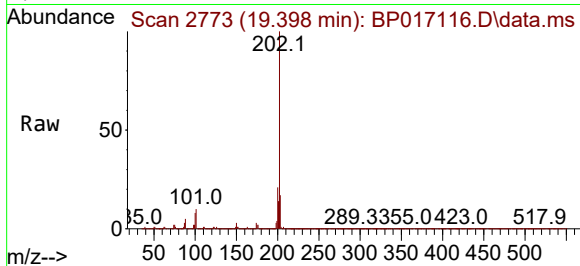




#80
Fluoranthene
Concen: 19.491 ng/ul
RT: 19.398 min Scan# 2773
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

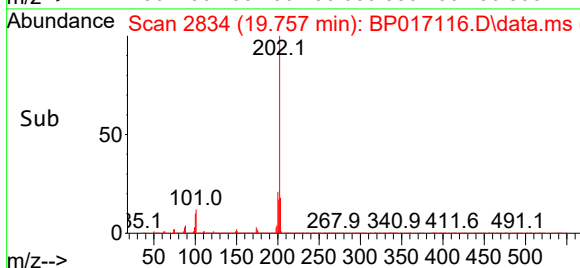
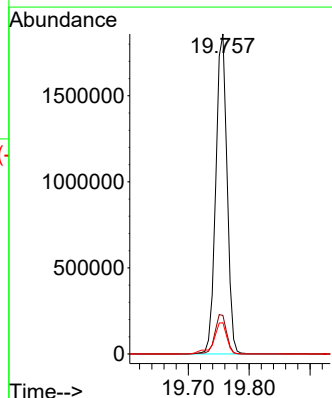
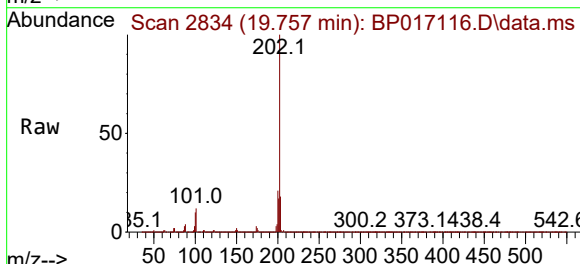
Instrument :
BNA_P
ClientSampleId :

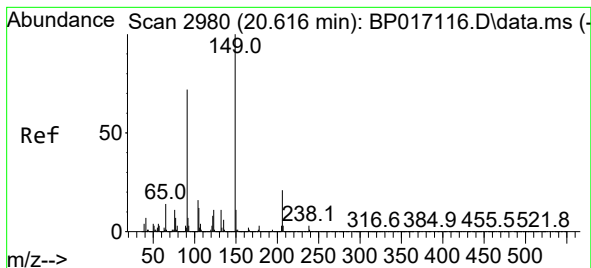
Tgt Ion:202 Resp: 2260842
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 8.0 6.4 9.6



#82
Pyrene
Concen: 19.419 ng/ul
RT: 19.757 min Scan# 2834
Delta R.T. 0.000 min
Lab File: BP017116.D
Acq: 12 Sep 2023 13:39

Tgt Ion:202 Resp: 2380061
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.8 7.8 11.8





#83

Butylbenzylphthalate

Concen: 19.912 ng/ul

RT: 20.616 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

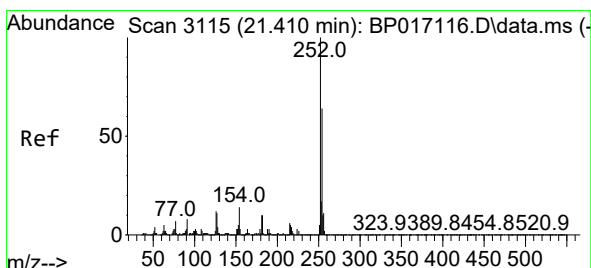
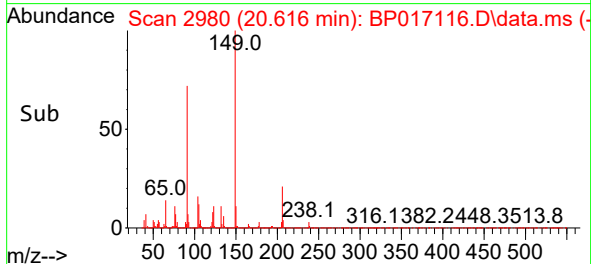
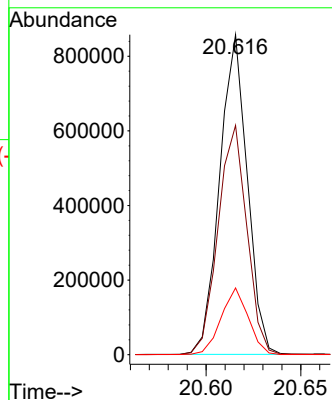
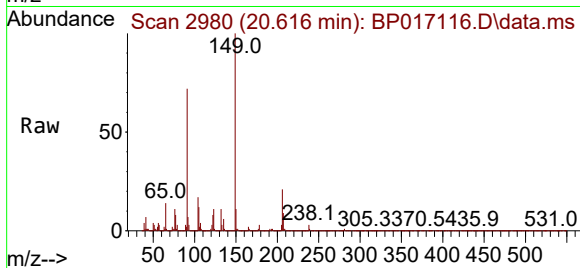
Tgt Ion:149 Resp: 870391

Ion Ratio Lower Upper

149 100

91 71.7 57.4 86.0

206 20.9 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 18.101 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

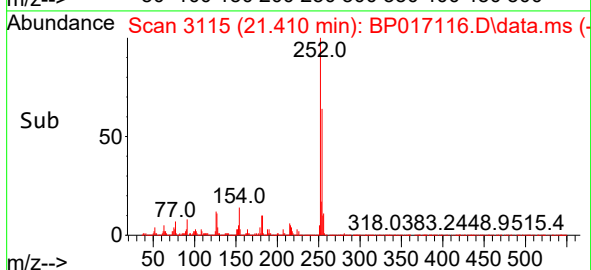
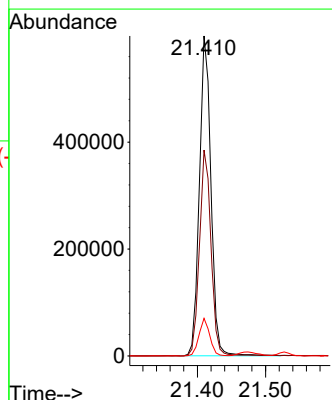
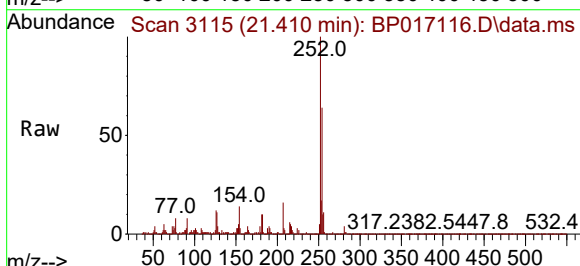
Tgt Ion:252 Resp: 702226

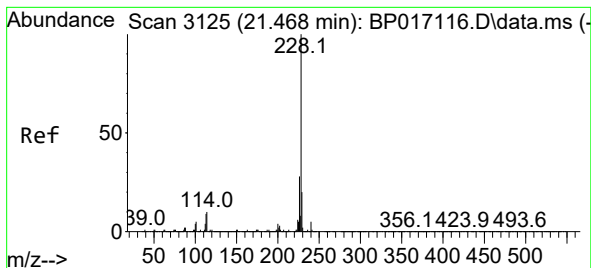
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 11.8 9.4 14.2





#85

Benzo(a)anthracene

Concen: 18.836 ng/ul

RT: 21.468 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

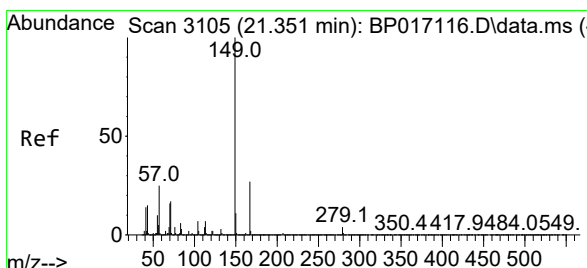
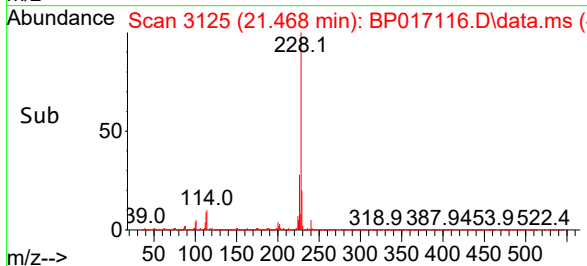
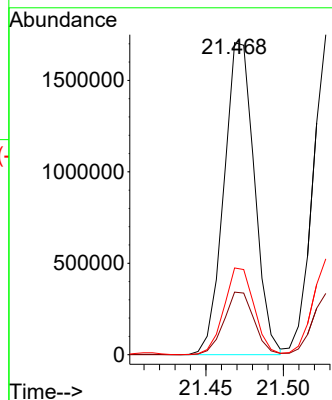
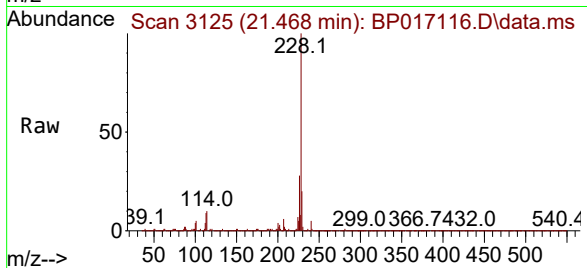
Tgt Ion:228 Resp: 2333781

Ion Ratio Lower Upper

228 100

229 20.1 16.1 24.1

226 27.8 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.513 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

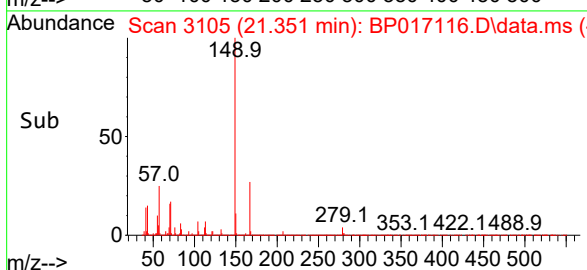
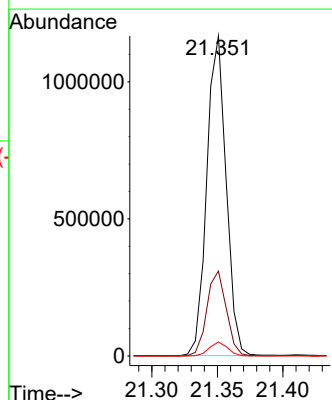
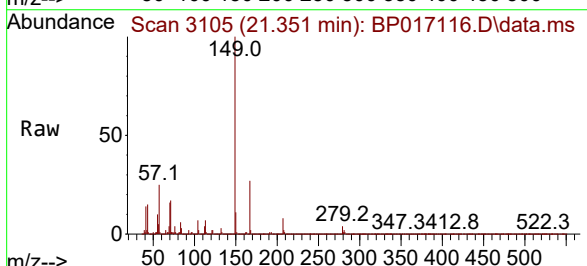
Tgt Ion:149 Resp: 1197369

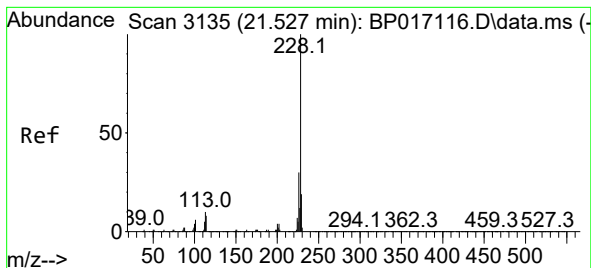
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 4.3 3.4 5.2





#87

Chrysene

Concen: 18.811 ng/ul

RT: 21.527 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

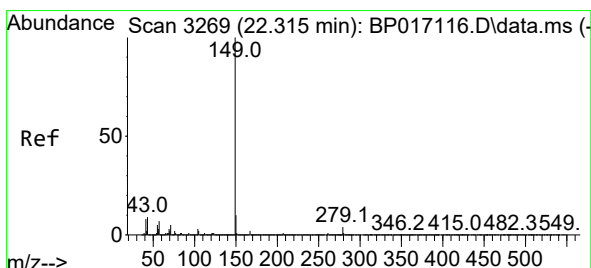
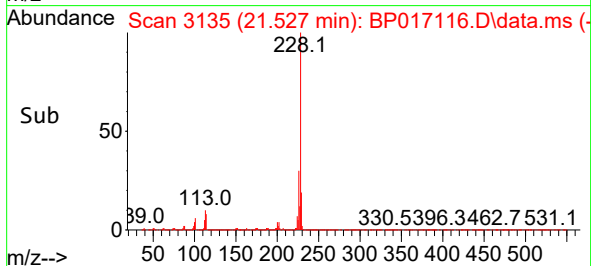
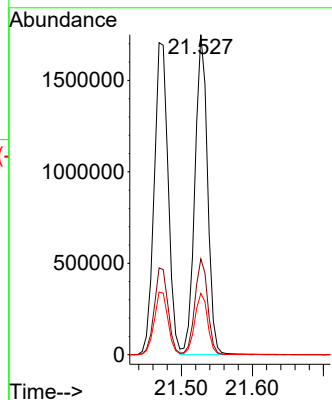
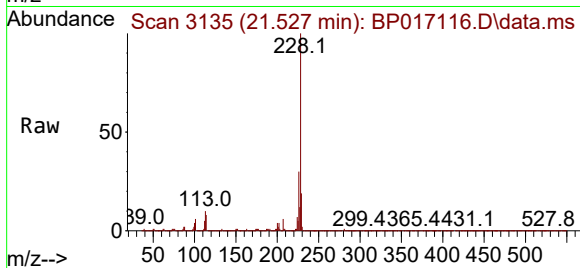
Tgt Ion:228 Resp: 2167981

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.1 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 19.342 ng/ul

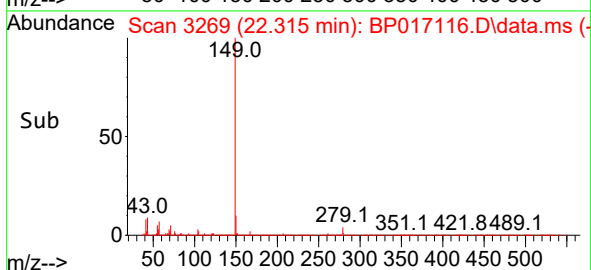
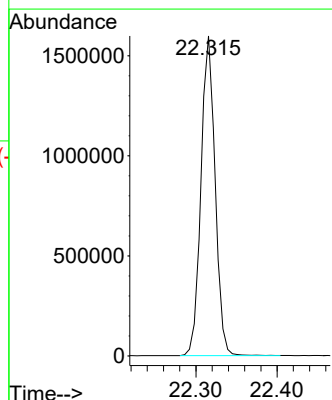
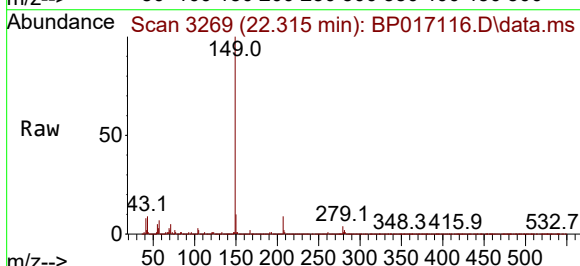
RT: 22.315 min Scan# 3269

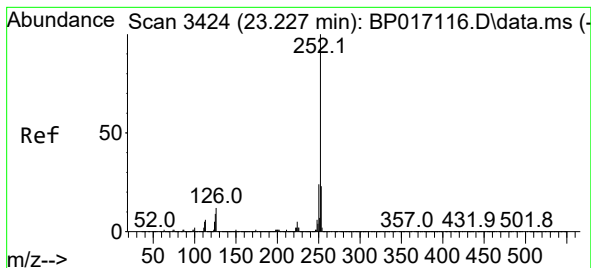
Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Tgt Ion:149 Resp: 1936410





#90

Benzo(b)fluoranthene

Concen: 19.218 ng/ul

RT: 23.227 min Scan# 3424

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

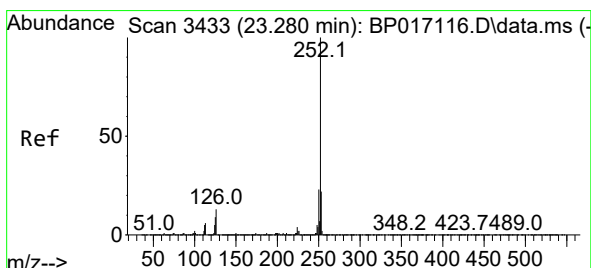
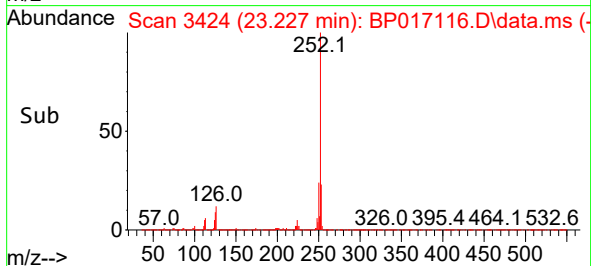
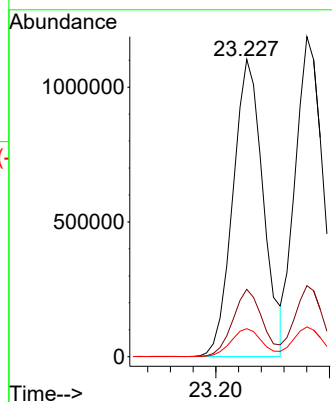
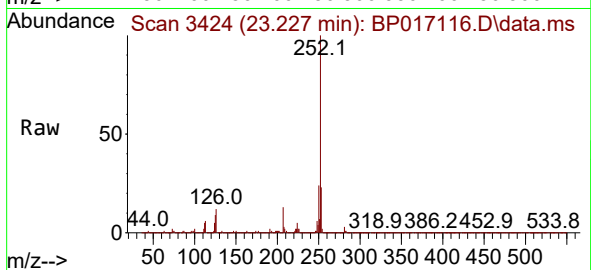
Tgt Ion:252 Resp: 2045265

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 9.4 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 19.046 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

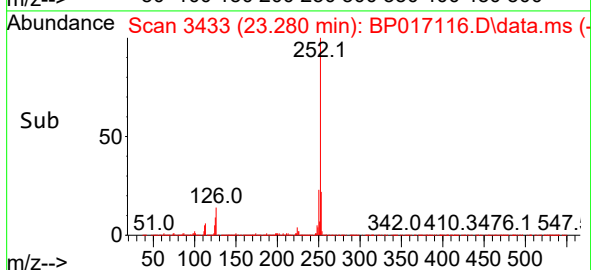
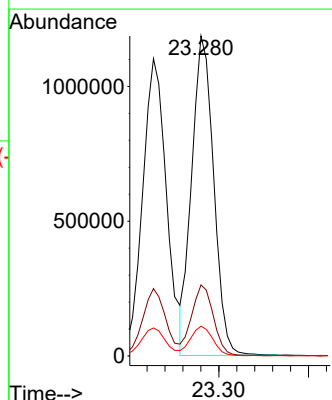
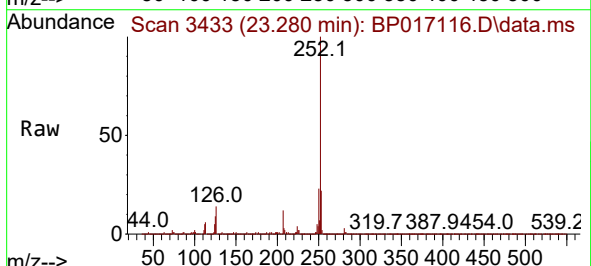
Tgt Ion:252 Resp: 2015018

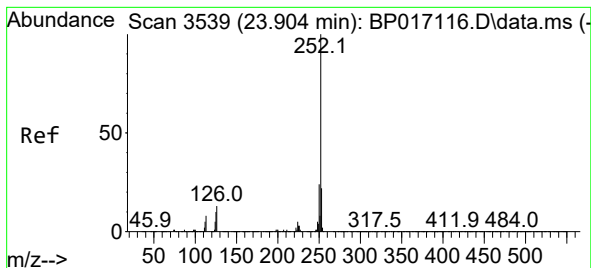
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.3 7.4 11.2





#93

Benzo(a)pyrene

Concen: 18.965 ng/ul

RT: 23.904 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

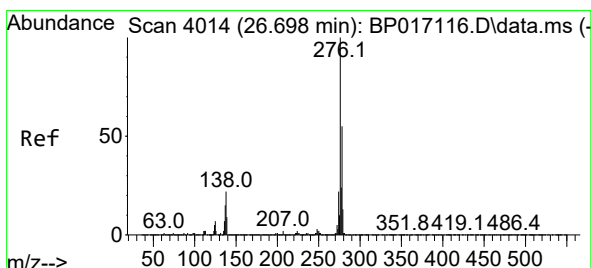
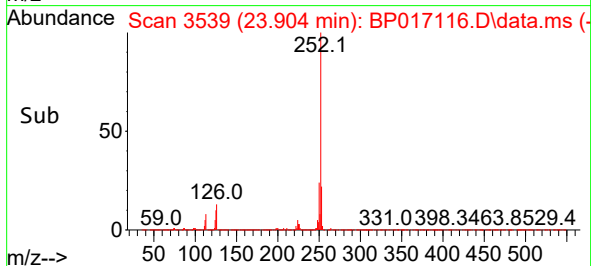
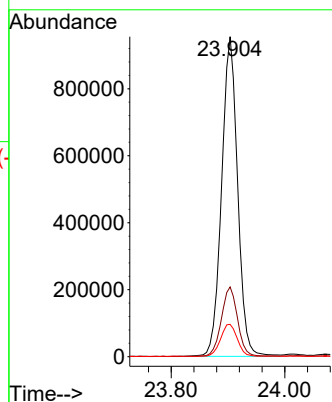
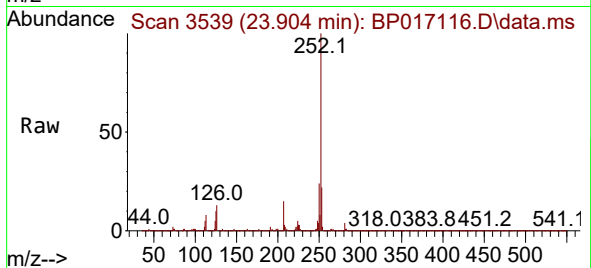
Tgt Ion:252 Resp: 1872557

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.1 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.672 ng/ul

RT: 26.698 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

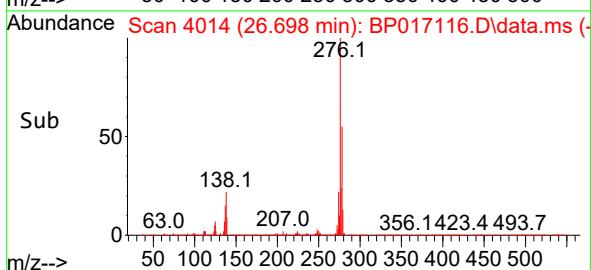
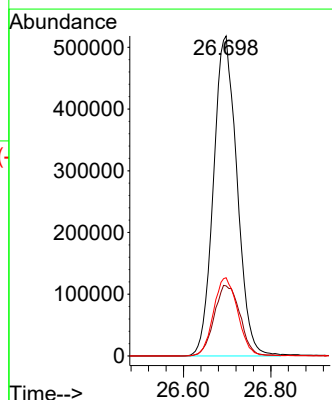
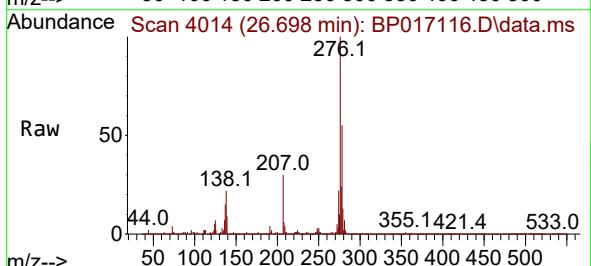
Tgt Ion:276 Resp: 1932175

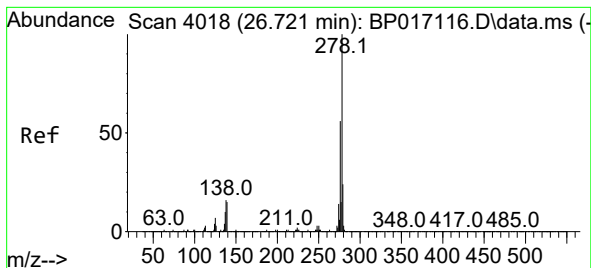
Ion Ratio Lower Upper

276 100

138 21.9 17.5 26.3

277 24.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 17.691 ng/ul

RT: 26.721 min Scan# 4018

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Instrument :

BNA_P

ClientSampleId :

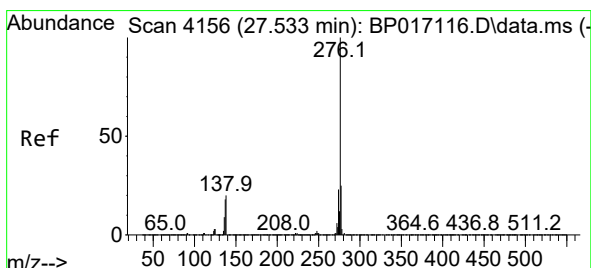
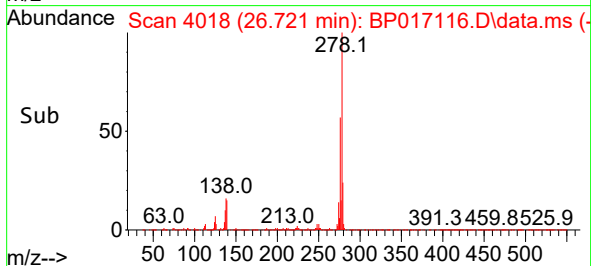
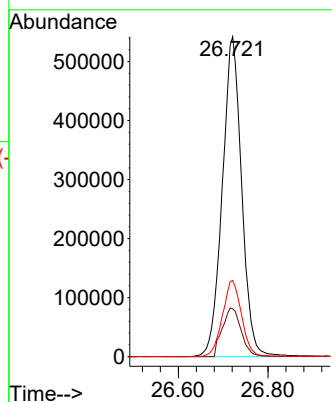
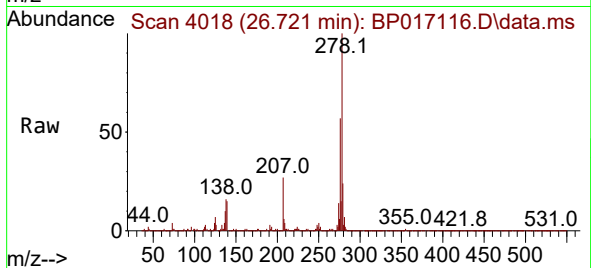
Tgt Ion:278 Resp: 1624835

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

279 23.8 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 17.670 ng/ul

RT: 27.533 min Scan# 4156

Delta R.T. 0.000 min

Lab File: BP017116.D

Acq: 12 Sep 2023 13:39

Tgt Ion:276 Resp: 1493837

Ion Ratio Lower Upper

276 100

138 20.3 16.2 24.4

277 24.5 19.6 29.4

