

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017961.D
 Acq On : 08 Nov 2023 13:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020660

Quant Time: Nov 08 21:42:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	76444	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.669	136	323283	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	218436	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	513637	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	517003	20.000	ng/ul	0.00
88) Perylene-d12	23.892	264	569450	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15952	7.987	ng/uL	0.00
4) Pyridine-d5	3.676	84	107680	19.426	ng/ul	0.00
7) Phenol-d5	7.022	99	128313	17.899	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	82053	18.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	106850	19.398	ng/ul	-0.01
15) 4-Methylphenol-d8	8.575	113	109336	18.453	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	53693	20.783	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	60700	20.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	113043	20.723	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	151356	19.147	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	374623	19.559	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	410640	19.538	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	52449	17.810	ng/ul	0.00
60) Fluorene-d10	15.516	176	317235	19.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	63131	16.807	ng/ul	0.00
73) Anthracene-d10	17.392	188	516130	19.326	ng/ul	0.00
81) Pyrene-d10	19.639	212	633597	19.306	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	619144	19.459	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	16881	7.740	ng/uL	95
5) Pyridine	3.693	79	111779	19.395	ng/ul	93
6) Benzaldehyde	7.022	77	86208	21.621	ng/ul	96
8) Phenol	7.046	94	129907	18.421	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.299	93	104991	18.590	ng/ul	96
12) 2-Chlorophenol	7.411	128	107636	19.676	ng/ul	97
13) 2-Methylphenol	8.305	108	99627	18.376	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.364	45	68686	10.563	ng/ul	98
16) Acetophenone	8.711	105	178661	18.789	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	93749	18.839	ng/ul	98
18) 4-Methylphenol	8.640	108	107723	18.470	ng/ul	95
19) Hexachloroethane	8.905	117	52093	19.064	ng/ul	97
22) Nitrobenzene	9.099	77	152287	21.613	ng/ul	98
23) Isophorone	9.605	82	260331	20.317	ng/ul	99
25) 2-Nitrophenol	9.799	139	63021	20.465	ng/ul	93
26) 2,4-Dimethylphenol	9.840	107	137252	21.104	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.093	93	145711	20.673	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	108326	20.534	ng/ul	96
30) Naphthalene	10.722	128	365689	19.490	ng/ul	99
32) 4-Chloroaniline	10.869	127	143731	18.932	ng/ul	99
33) Hexachlorobutadiene	10.940	225	79873	18.197	ng/ul	97
34) Caprolactam	11.699	113	32072	19.076	ng/ul	96
35) 4-Chloro-3-methylphenol	11.981	107	126249	20.672	ng/ul	93
36) 2-Methylnaphthalene	12.334	142	251006	19.606	ng/ul	98

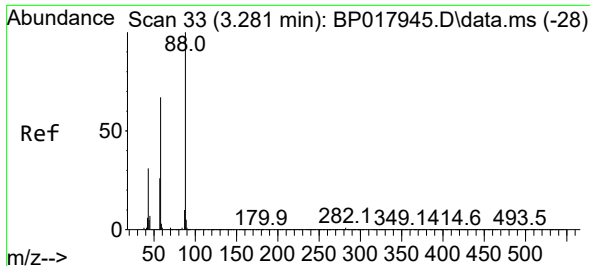
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.552	142	259866	19.647	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	140109	18.517	ng/ul	96
40) Hexachlorocyclopentadiene	12.622	237	62601	15.536	ng/ul	99
41) 2,4,6-Trichlorophenol	12.946	196	92270	19.290	ng/ul	98
42) 2,4,5-Trichlorophenol	13.022	196	92874	18.855	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	342766	19.242	ng/ul	96
44) 2-Chloronaphthalene	13.399	162	271591	19.138	ng/ul	98
45) 2-Nitroaniline	13.646	65	90816	21.373	ng/ul	90
47) Dimethylphthalate	13.987	163	369570	19.565	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	71973	19.198	ng/ul	92
50) Acenaphthylene	14.246	152	461556	19.621	ng/ul	99
51) 3-Nitroaniline	14.487	138	70302	19.907	ng/ul	95
52) Acenaphthene	14.581	153	306538	19.662	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	31244	14.158	ng/ul#	79
55) 4-Nitrophenol	14.781	109	78631	20.580	ng/ul	92
56) Dibenzofuran	14.922	168	432079	20.063	ng/ul	96
57) 2,4-Dinitrotoluene	14.928	165	112581	20.094	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.146	232	88298	19.237	ng/ul#	91
59) Diethylphthalate	15.340	149	397423	20.193	ng/ul	99
61) Fluorene	15.575	166	366036	20.074	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	183663	19.463	ng/ul	95
63) 4-Nitroaniline	15.657	138	71711	21.464	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.681	198	67901	17.304	ng/ul	91
67) N-Nitrosodiphenylamine	15.793	169	303460	19.196	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	108064	17.867	ng/ul	92
69) Hexachlorobenzene	16.551	284	121767	17.540	ng/ul#	90
70) Atrazine	16.751	200	114618	18.984	ng/ul	96
71) Pentachlorophenol	16.922	266	72099	17.098	ng/ul	97
72) Phenanthrene	17.334	178	592621	19.622	ng/ul	98
74) Anthracene	17.428	178	599175	19.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.299	216	140353	17.436	ng/ul	98
76) Pentachlorobenzene	14.810	250	143224	17.830	ng/ul	99
77) Carbazole	17.722	167	537715	19.643	ng/ul	98
78) Di-n-butylphthalate	18.228	149	703611	20.657	ng/ul	100
80) Fluoranthene	19.310	202	726599	18.970	ng/ul	99
82) Pyrene	19.669	202	765099	19.152	ng/ul	100
83) Butylbenzylphthalate	20.533	149	343321	19.533	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.339	252	234007	18.106	ng/ul	96
85) Benzo(a)anthracene	21.392	228	782658	19.657	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.275	149	483802	19.009	ng/ul	99
87) Chrysene	21.451	228	734663	19.898	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	853079	17.738	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	758043	19.287	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	768983	19.510	ng/ul	100
93) Benzo(a)pyrene	23.780	252	715506	19.583	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	845521	19.429	ng/ul	100
95) Dibenzo(a,h)anthracene	26.545	278	706051	19.504	ng/ul	99
96) Benzo(g,h,i)perylene	27.345	276	685189	19.777	ng/ul	98

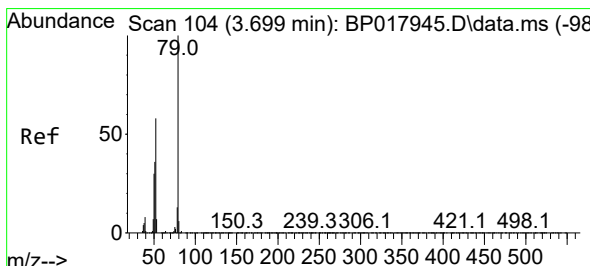
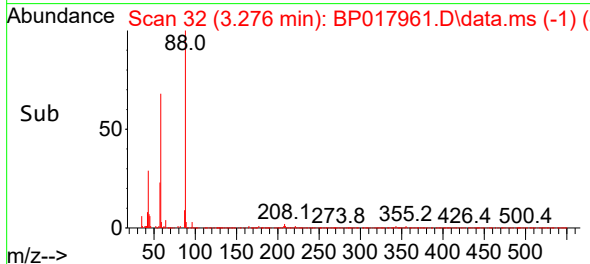
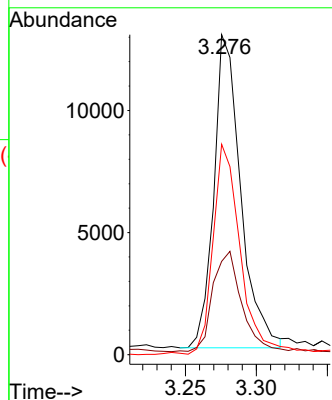
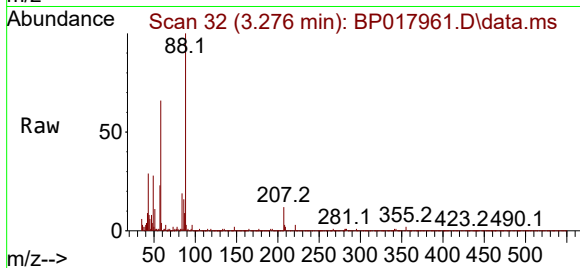
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#2
1,4-Dioxane
Concen: 7.740 ng/uL
RT: 3.276 min Scan# 31
Delta R.T. -0.005 min
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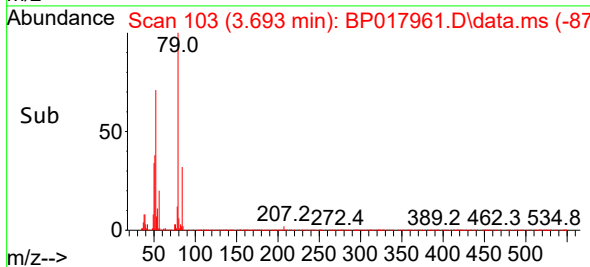
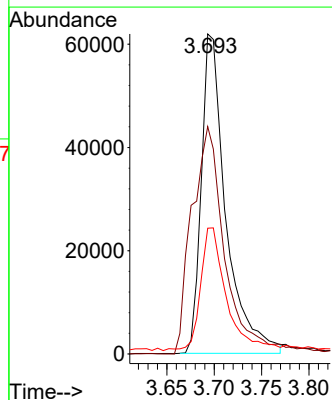
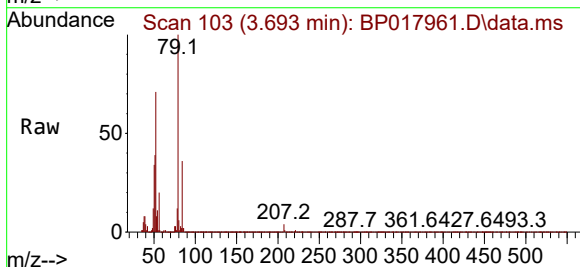
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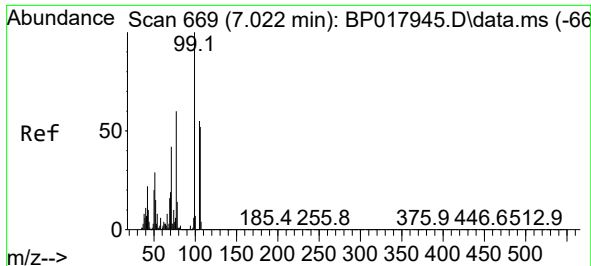
Tgt Ion: 88 Resp: 16881
Ion Ratio Lower Upper
88 100
43 29.1 26.2 39.4
58 65.7 55.6 83.4



#5
Pyridine
Concen: 19.395 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion: 79 Resp: 111779
Ion Ratio Lower Upper
79 100
52 71.0 51.0 76.6
51 39.3 29.8 44.8

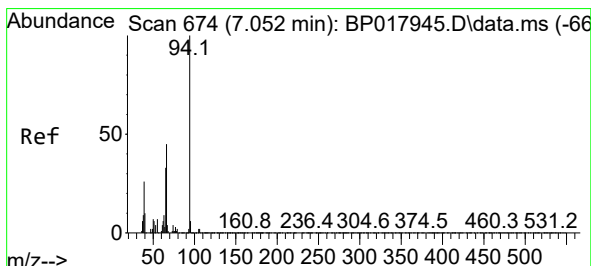
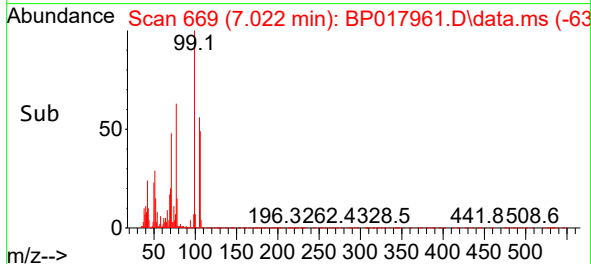
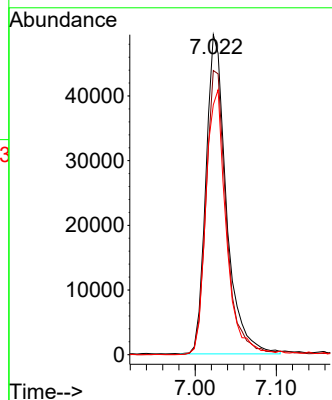
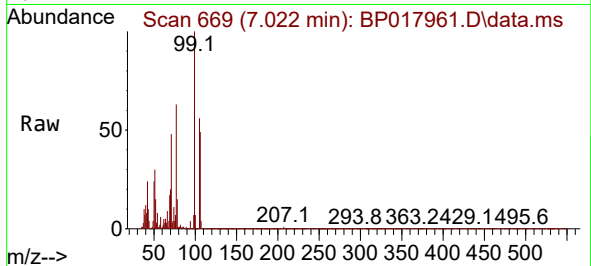




#6
Benzaldehyde
Concen: 21.621 ng/ul
RT: 7.022 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

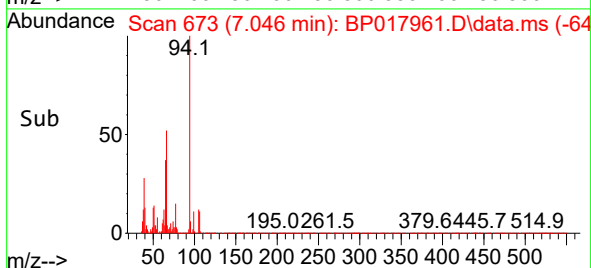
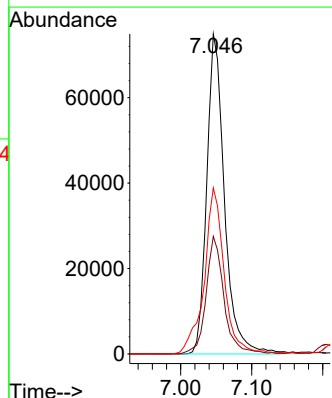
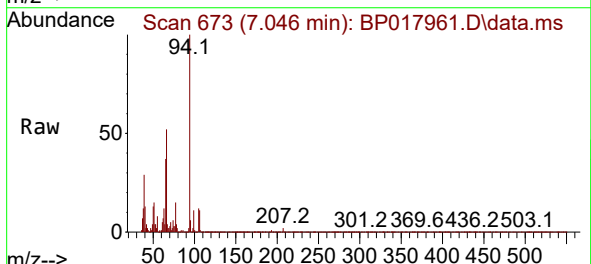
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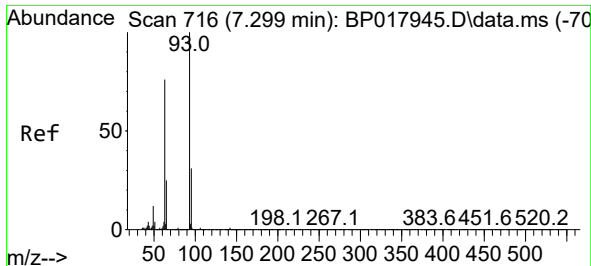
Tgt Ion: 77 Resp: 86208
Ion Ratio Lower Upper
77 100
105 88.8 69.0 103.6
106 78.1 66.2 99.4



#8
Phenol
Concen: 18.421 ng/ul
RT: 7.046 min Scan# 673
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion: 94 Resp: 129907
Ion Ratio Lower Upper
94 100
65 36.8 27.7 41.5
66 51.9 41.7 62.5

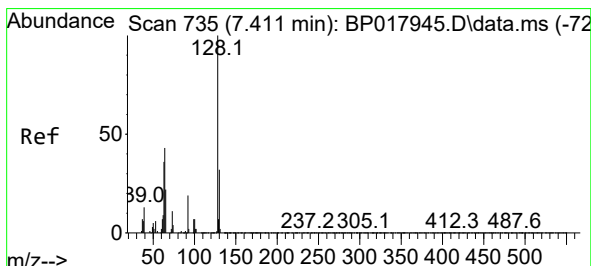
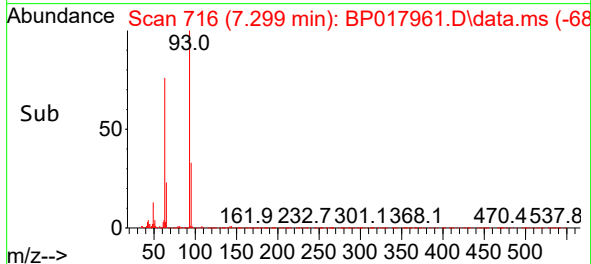
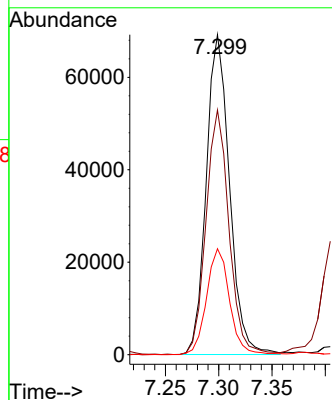
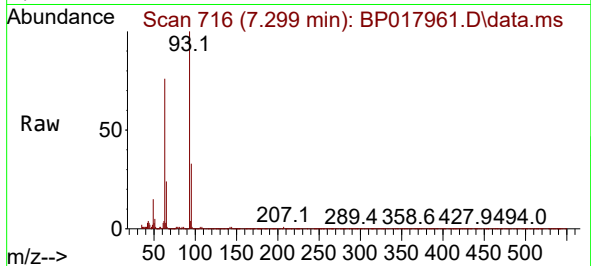




#10
Bis(2-Chloroethyl)ether
Concen: 18.590 ng/ul
RT: 7.299 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

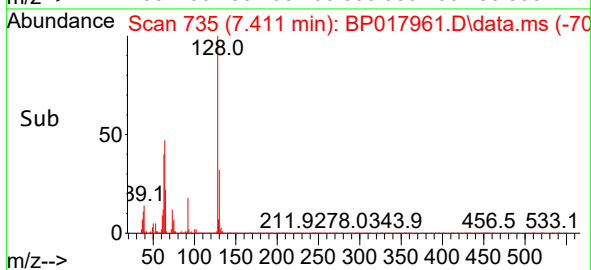
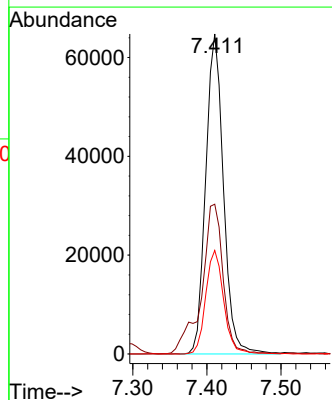
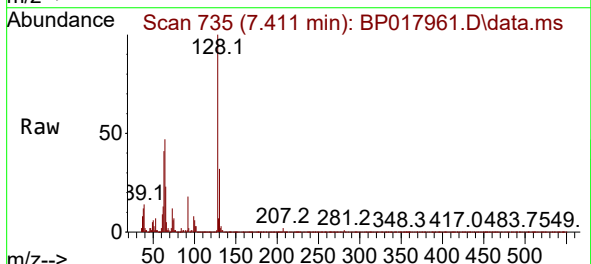
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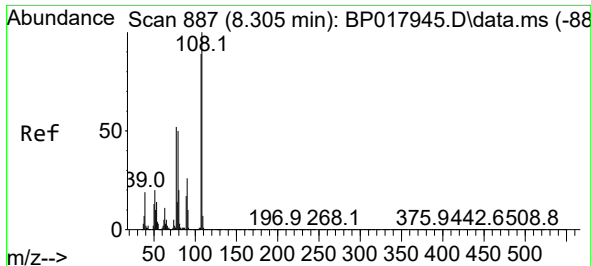
Tgt Ion: 93 Resp: 104991
Ion Ratio Lower Upper
93 100
63 76.4 57.2 85.8
95 33.1 26.2 39.4



#12
2-Chlorophenol
Concen: 19.676 ng/ul
RT: 7.411 min Scan# 735
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:128 Resp: 107636
Ion Ratio Lower Upper
128 100
64 46.8 39.8 59.6
130 32.3 25.8 38.8





#13

2-Methylphenol

Concen: 18.376 ng/ul

RT: 8.305 min Scan# 887

Delta R.T. -0.012 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

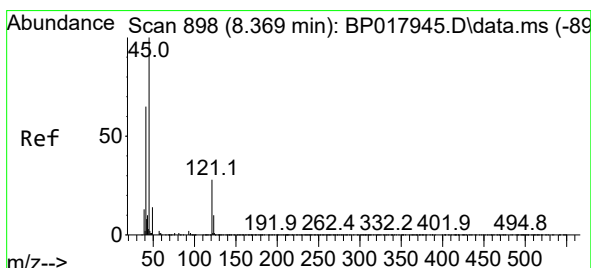
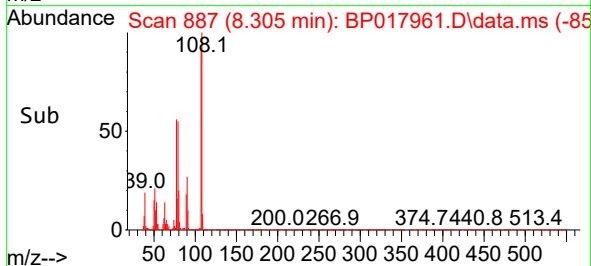
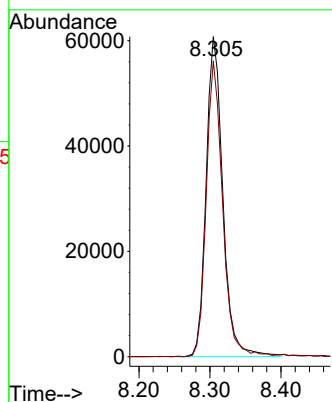
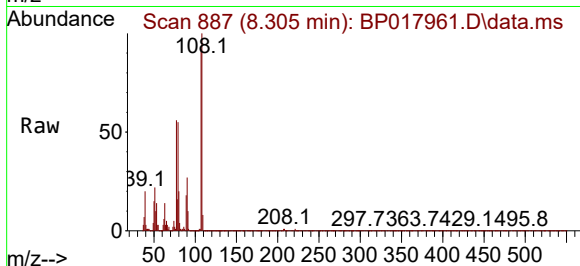
SSTD020660

Tgt Ion:108 Resp: 99627

Ion Ratio Lower Upper

108 100

107 92.4 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.563 ng/ul

RT: 8.364 min Scan# 897

Delta R.T. -0.012 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

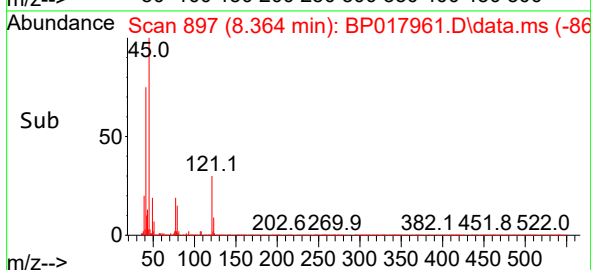
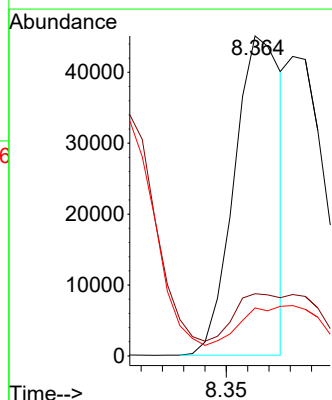
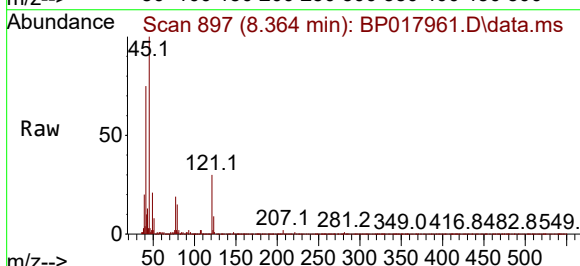
Tgt Ion: 45 Resp: 68686

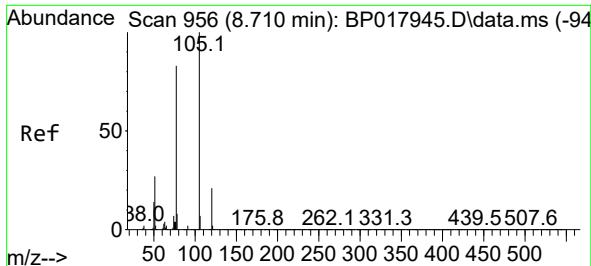
Ion Ratio Lower Upper

45 100

77 19.4 14.8 22.2

79 15.0 11.2 16.8

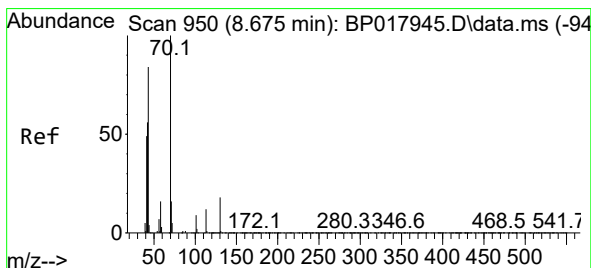
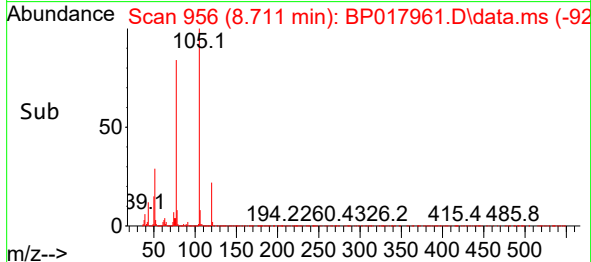
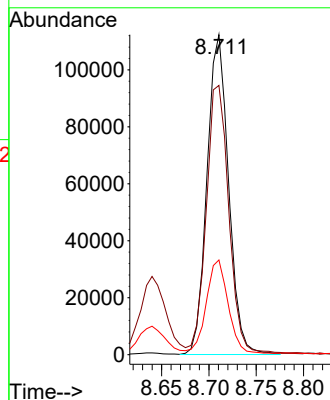
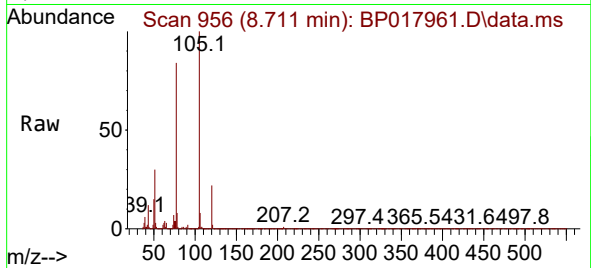




#16
Acetophenone
Concen: 18.789 ng/ul
RT: 8.711 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

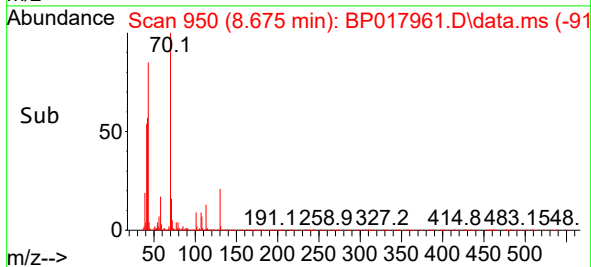
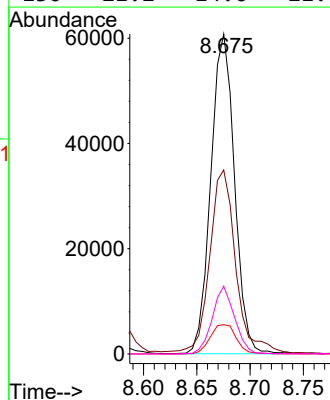
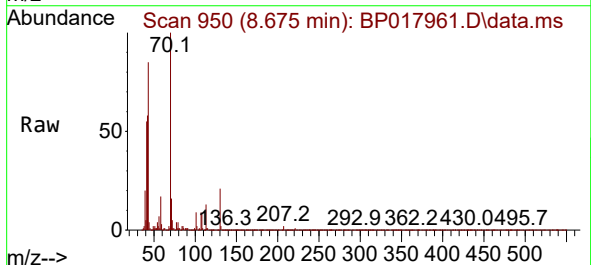
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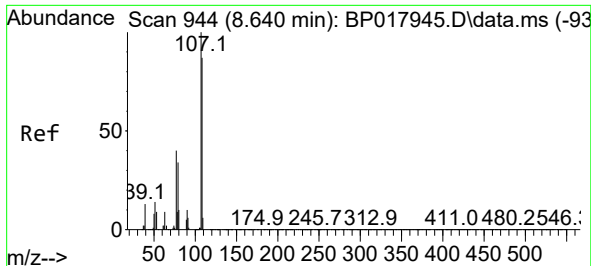
Tgt Ion:105 Resp: 178661
Ion Ratio Lower Upper
105 100
77 84.1 67.7 101.5
51 29.6 23.4 35.2



#17
N-Nitroso-di-n-propylamine
Concen: 18.839 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion: 70 Resp: 93749
Ion Ratio Lower Upper
70 100
42 57.5 45.7 68.5
101 9.1 7.9 11.9
130 21.2 14.6 21.8

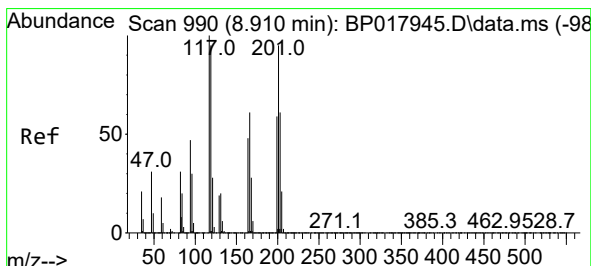
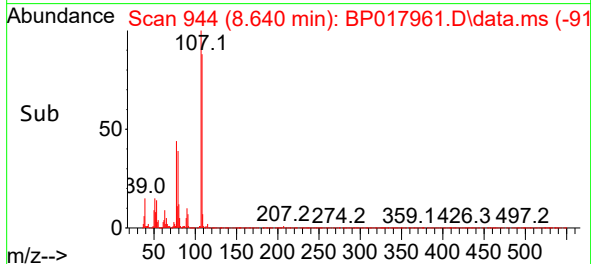
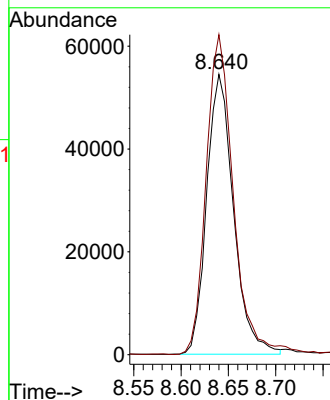
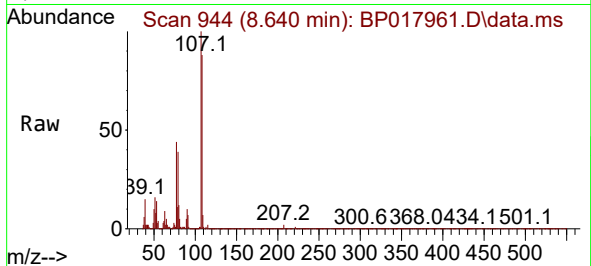




#18
4-Methylphenol
Concen: 18.470 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

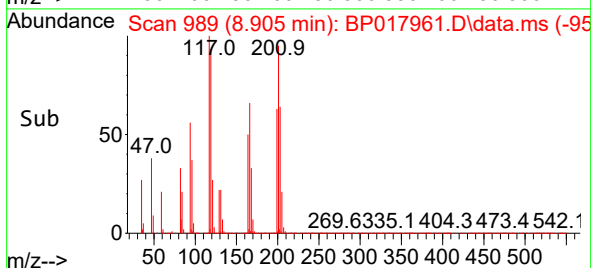
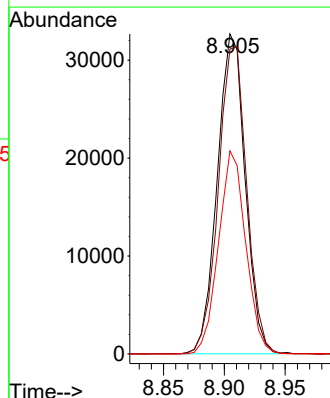
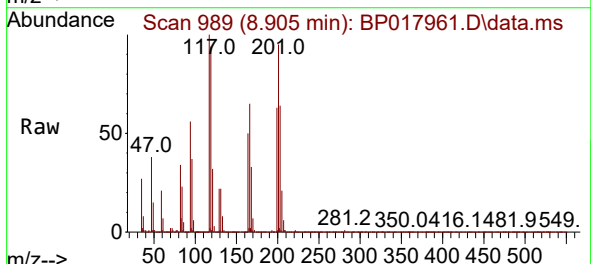
Instrument :
BNA_P
ClientSampleId :
SSTD020660

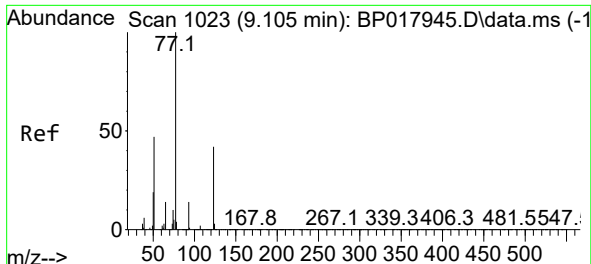
Tgt Ion:108 Resp: 107723
Ion Ratio Lower Upper
108 100
107 114.1 87.2 130.8



#19
Hexachloroethane
Concen: 19.064 ng/ul
RT: 8.905 min Scan# 989
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:117 Resp: 52093
Ion Ratio Lower Upper
117 100
201 95.3 79.6 119.4
199 63.4 51.4 77.0

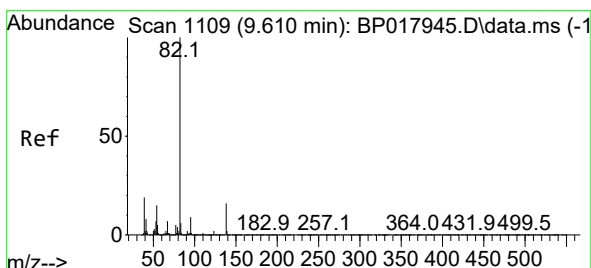
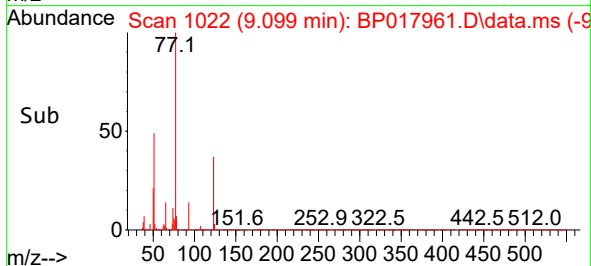
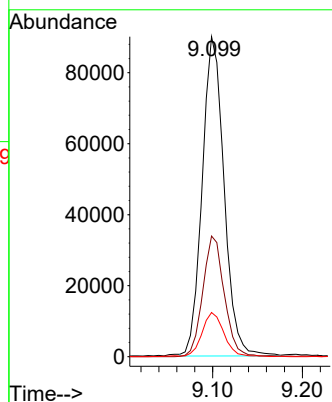
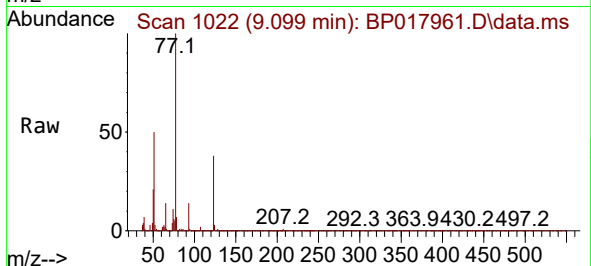




#22
Nitrobenzene
Concen: 21.613 ng/ul
RT: 9.099 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

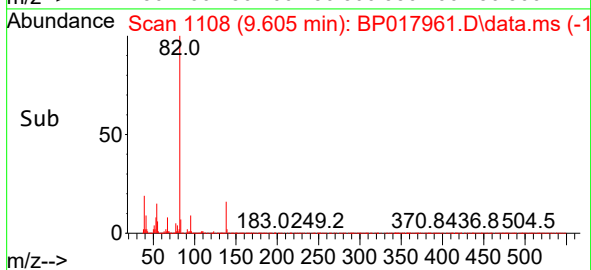
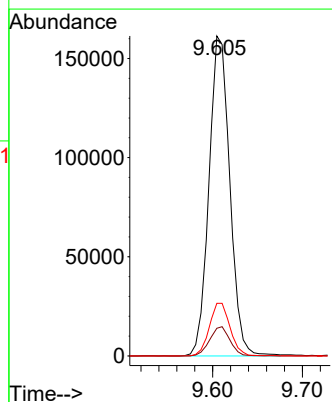
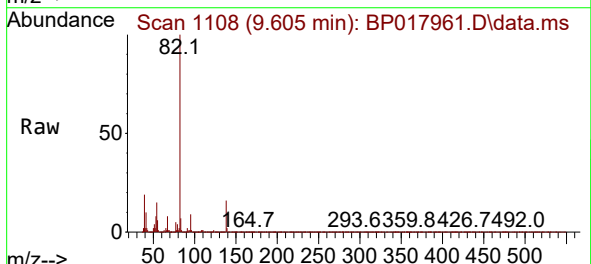
Instrument :
BNA_P
ClientSampleId :
SSTD020660

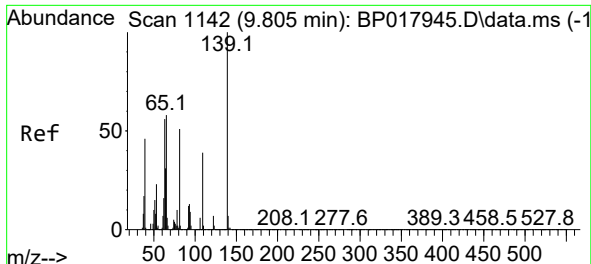
Tgt Ion: 77 Resp: 152287
Ion Ratio Lower Upper
77 100
123 37.7 31.2 46.8
65 13.8 11.5 17.3



#23
Isophorone
Concen: 20.317 ng/ul
RT: 9.605 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion: 82 Resp: 260331
Ion Ratio Lower Upper
82 100
95 8.7 7.2 10.8
138 16.4 13.4 20.2

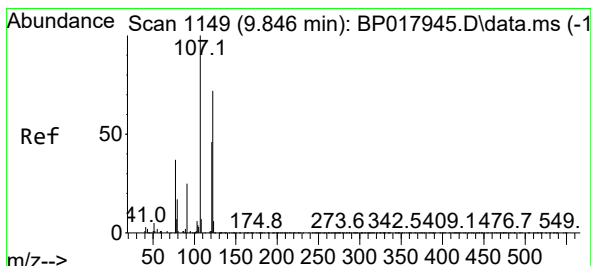
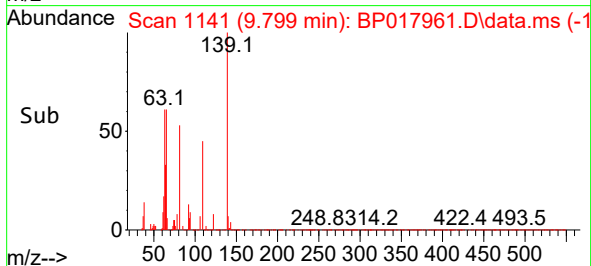
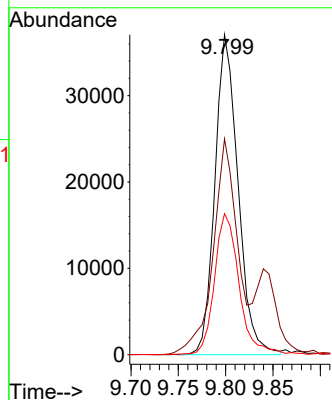
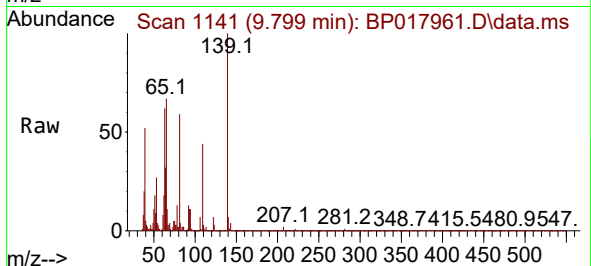




#25
2-Nitrophenol
Concen: 20.465 ng/ul
RT: 9.799 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

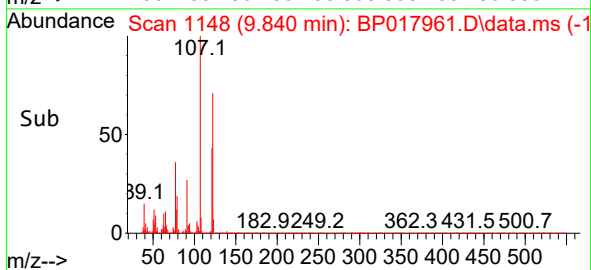
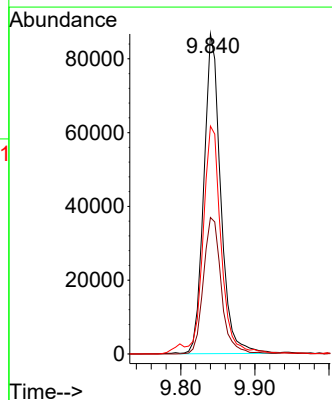
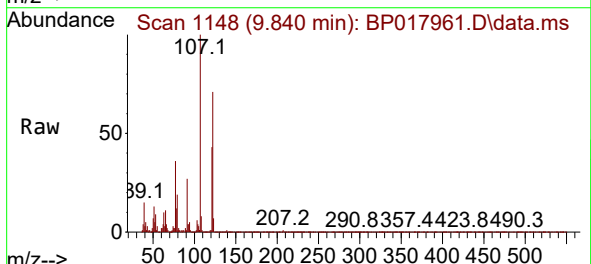
Instrument :
BNA_P
ClientSampleId :
SSTD020660

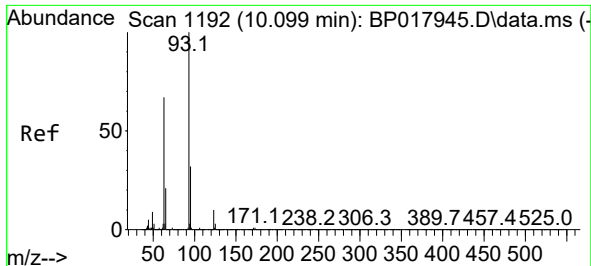
Tgt Ion:139 Resp: 63021
Ion Ratio Lower Upper
139 100
65 67.5 49.0 73.6
109 44.1 32.8 49.2



#26
2,4-Dimethylphenol
Concen: 21.104 ng/ul
RT: 9.840 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:107 Resp: 137252
Ion Ratio Lower Upper
107 100
121 42.6 37.8 56.8
122 71.2 61.9 92.9





#27

Bis(2-Chloroethoxy)methane

Concen: 20.673 ng/ul

RT: 10.093 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

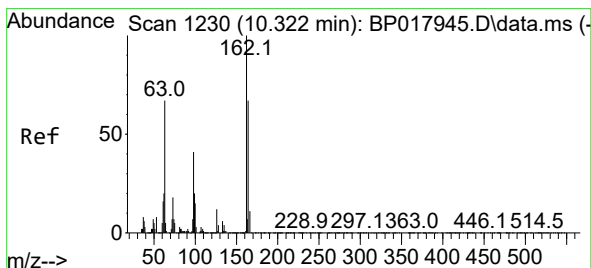
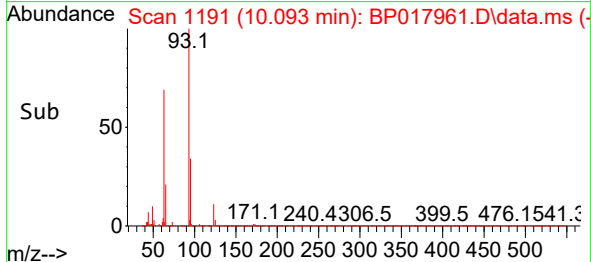
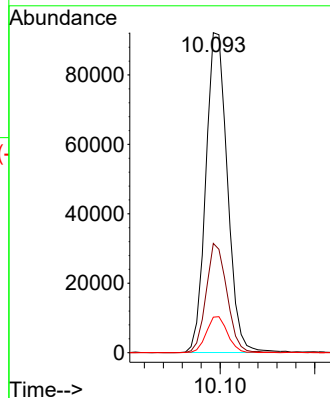
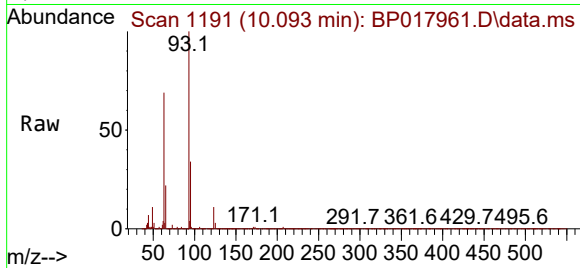
Tgt Ion: 93 Resp: 145711

Ion Ratio Lower Upper

93 100

95 34.1 26.2 39.4

123 11.1 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 20.534 ng/ul

RT: 10.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

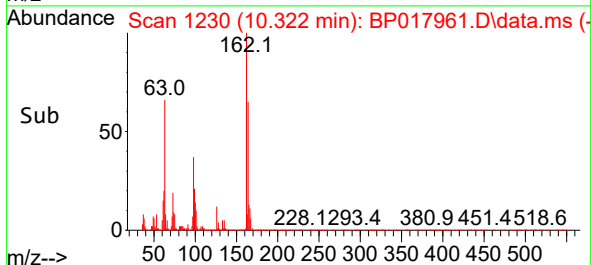
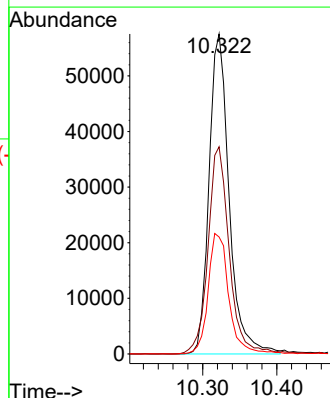
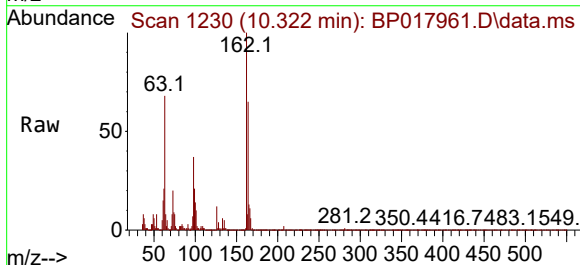
Tgt Ion:162 Resp: 108326

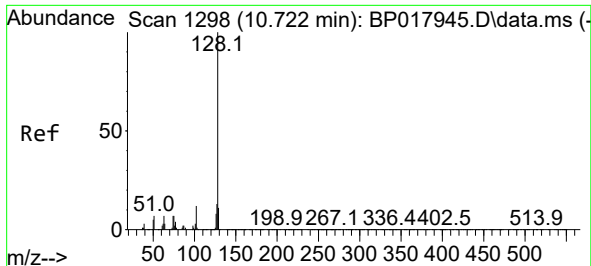
Ion Ratio Lower Upper

162 100

164 64.8 49.4 74.2

98 36.5 27.6 41.4

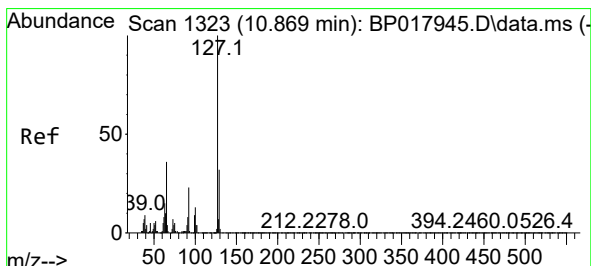
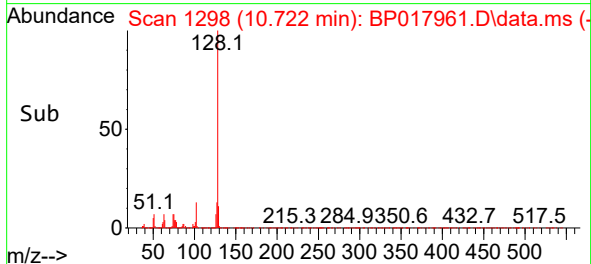
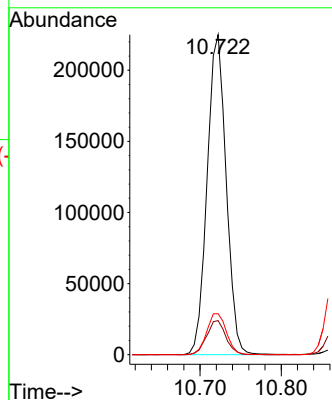
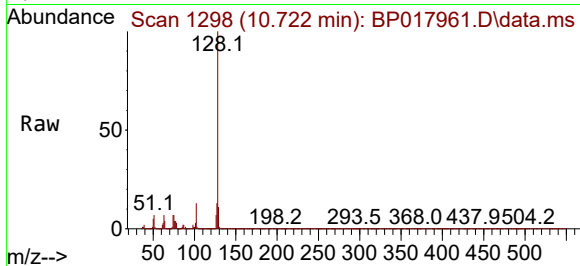




#30
Naphthalene
Concen: 19.490 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

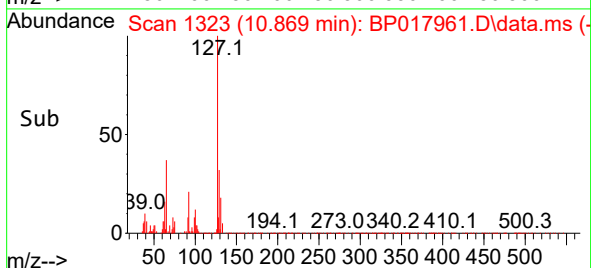
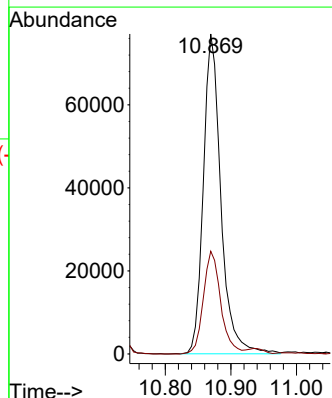
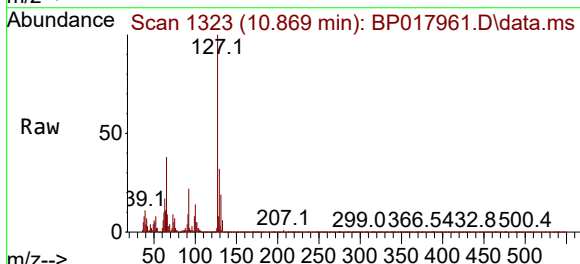
Instrument :
BNA_P
ClientSampleId :
SSTD020660

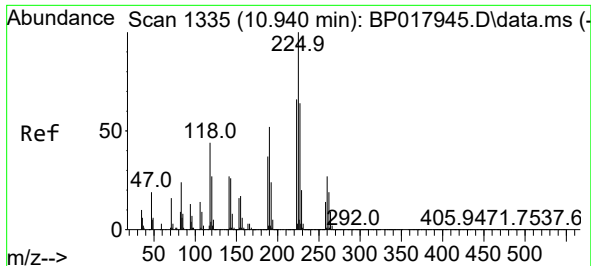
Tgt Ion:128 Resp: 365689
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 12.8 10.6 15.8



#32
4-Chloroaniline
Concen: 18.932 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:127 Resp: 143731
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.2

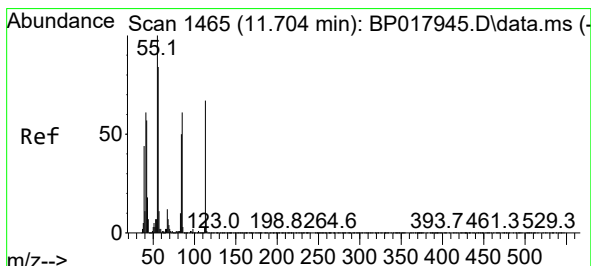
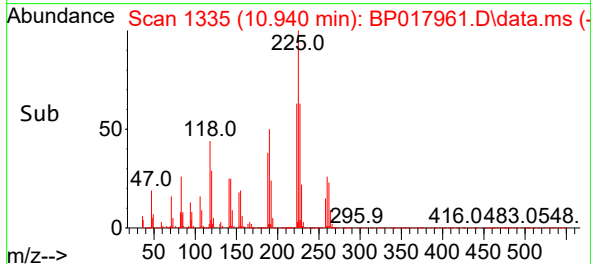
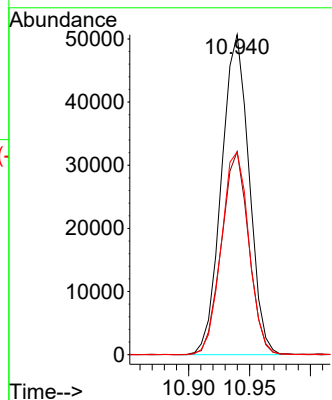
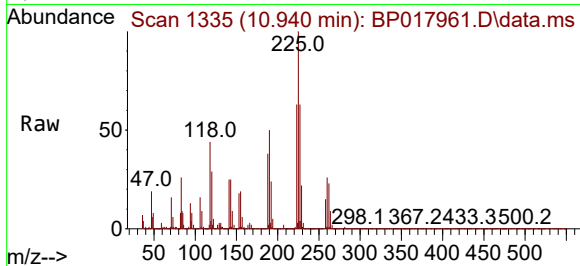




#33
Hexachlorobutadiene
Concen: 18.197 ng/ul
RT: 10.940 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

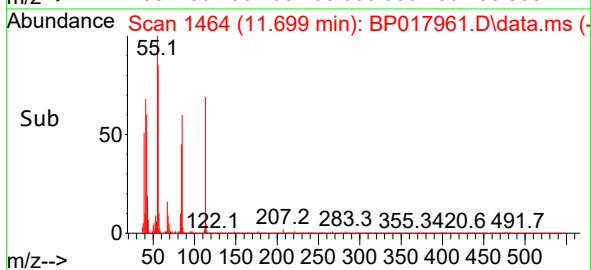
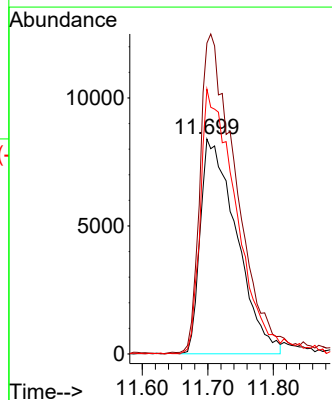
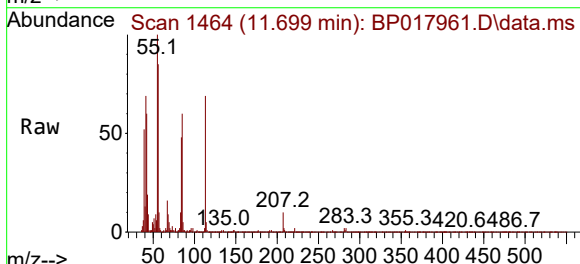
Instrument :
BNA_P
ClientSampleId :
SSTD020660

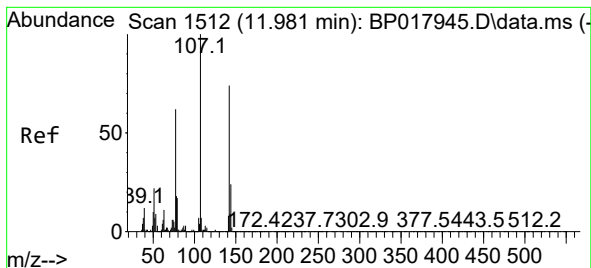
Tgt Ion:225 Resp: 79873
Ion Ratio Lower Upper
225 100
223 63.5 47.7 71.5
227 63.4 50.8 76.2



#34
Caprolactam
Concen: 19.076 ng/ul
RT: 11.699 min Scan# 1464
Delta R.T. -0.018 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:113 Resp: 32072
Ion Ratio Lower Upper
113 100
55 144.6 114.1 171.1
56 123.2 91.7 137.5

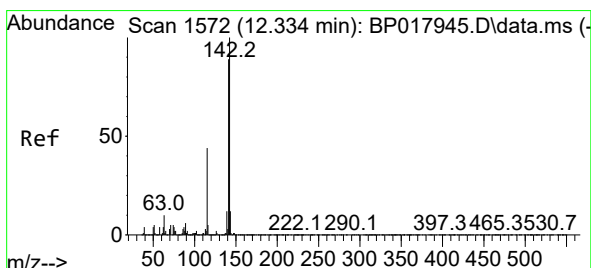
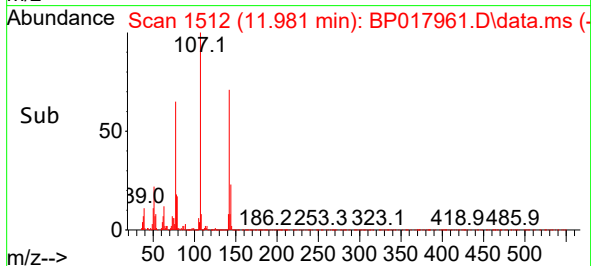
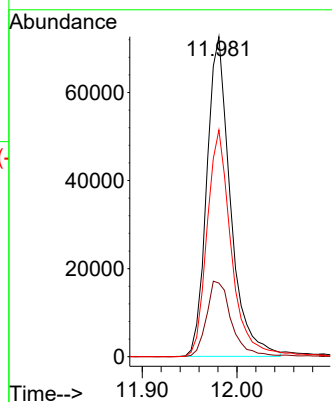
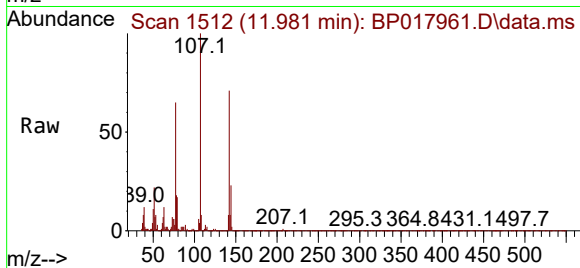




#35
4-Chloro-3-methylphenol
Concen: 20.672 ng/ul
RT: 11.981 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

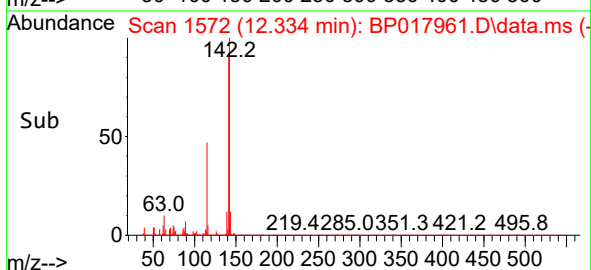
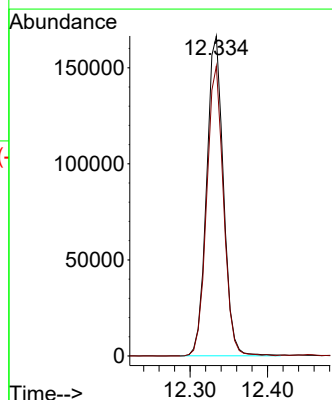
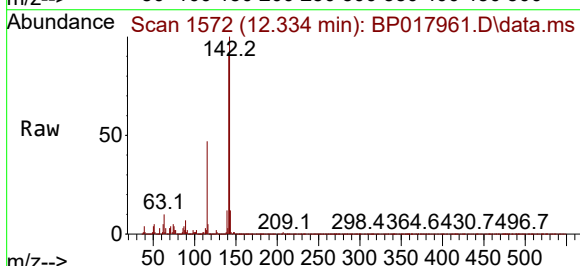
Instrument :
BNA_P
ClientSampleId :
SSTD020660

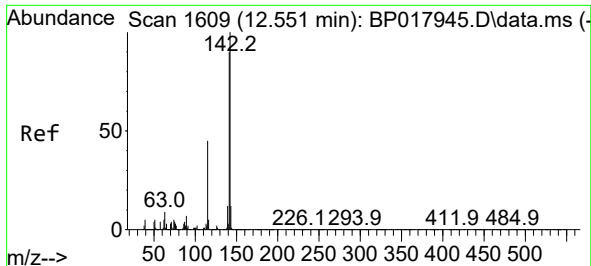
Tgt Ion:107 Resp: 126249
Ion Ratio Lower Upper
107 100
144 23.0 20.8 31.2
142 70.8 62.2 93.2



#36
2-Methylnaphthalene
Concen: 19.606 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:142 Resp: 251006
Ion Ratio Lower Upper
142 100
141 90.6 70.9 106.3

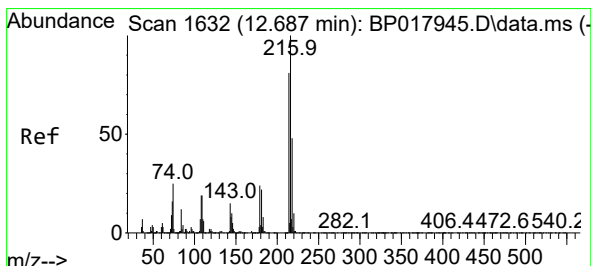
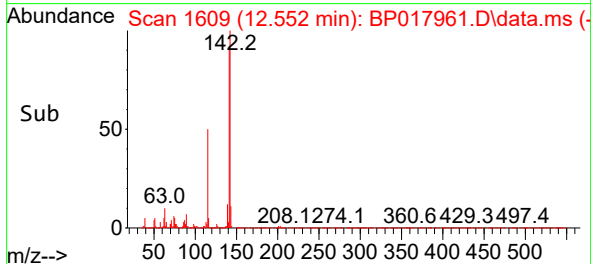
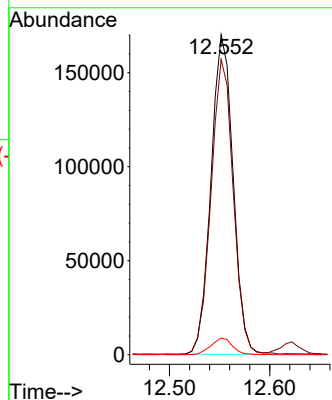
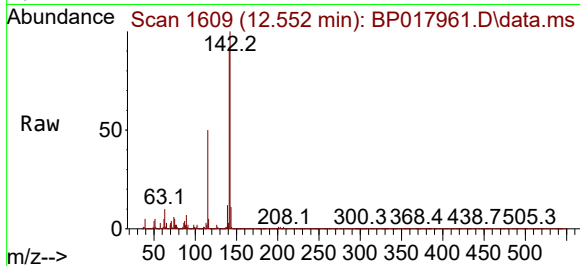




#37
1-Methylnaphthalene
Concen: 19.647 ng/ul
RT: 12.552 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

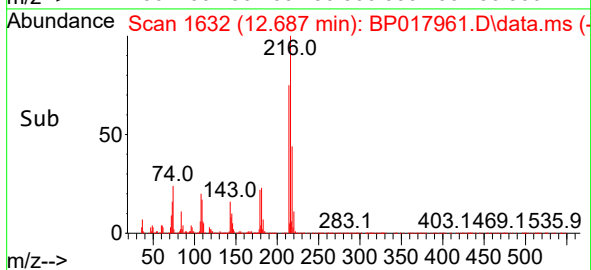
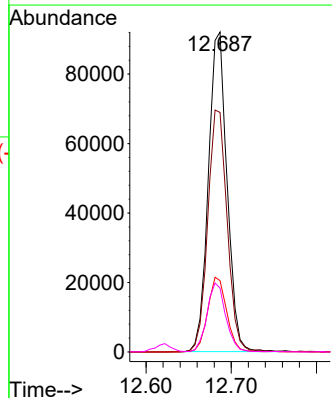
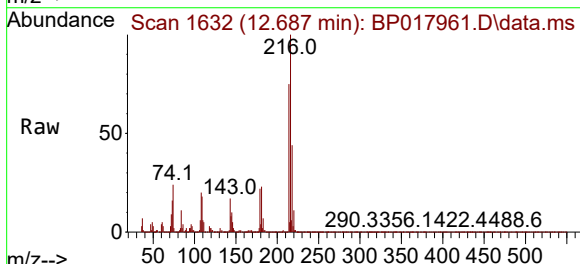
Instrument :
BNA_P
ClientSampleId :
SSTD020660

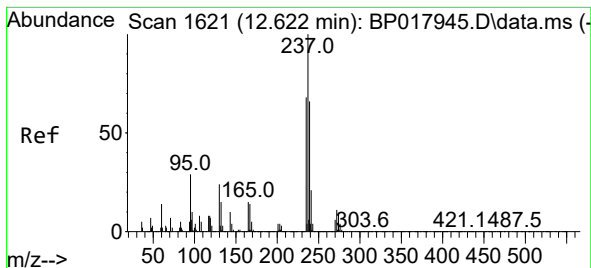
Tgt Ion:142 Resp: 259866
Ion Ratio Lower Upper
142 100
141 92.2 74.3 111.5
116 5.2 3.6 5.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.517 ng/ul
RT: 12.687 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:216 Resp: 140109
Ion Ratio Lower Upper
216 100
214 74.9 63.4 95.2
179 22.3 18.9 28.3
108 20.0 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 15.536 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

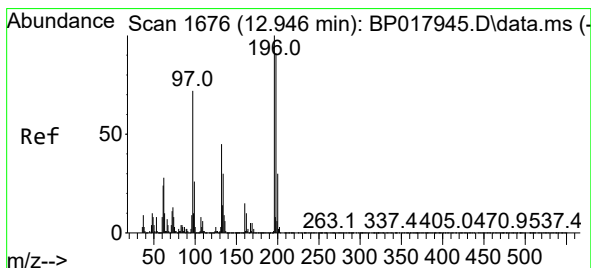
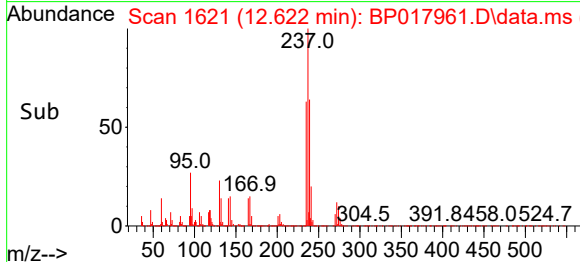
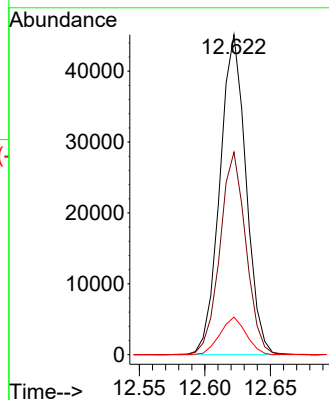
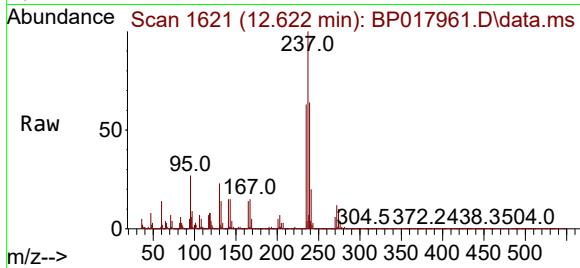
Tgt Ion:237 Resp: 62601

Ion Ratio Lower Upper

237 100

235 63.3 51.3 76.9

272 11.8 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 19.290 ng/ul

RT: 12.946 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

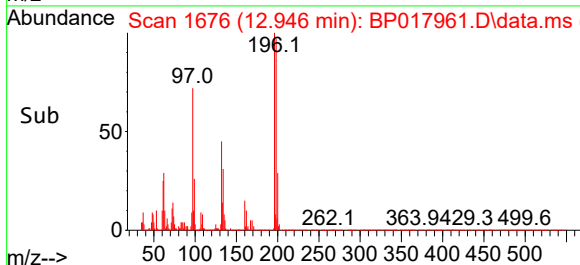
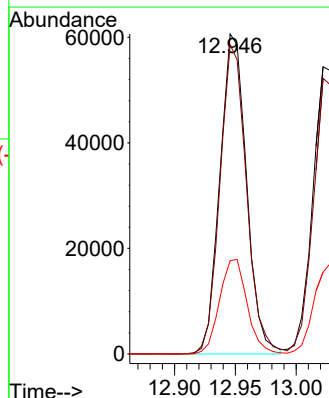
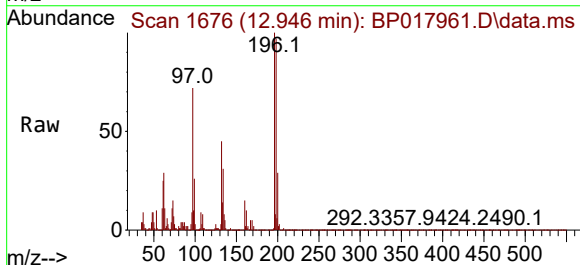
Tgt Ion:196 Resp: 92270

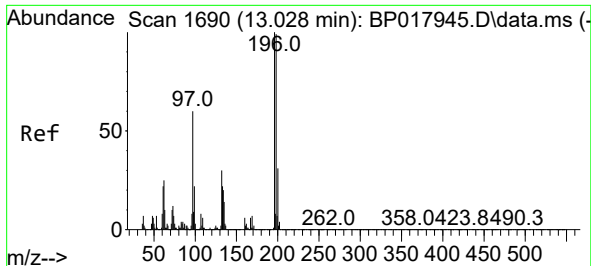
Ion Ratio Lower Upper

196 100

198 96.6 78.5 117.7

200 29.1 24.1 36.1

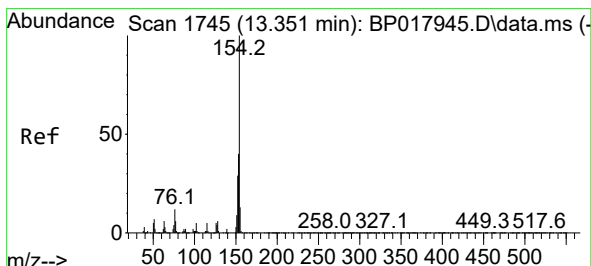
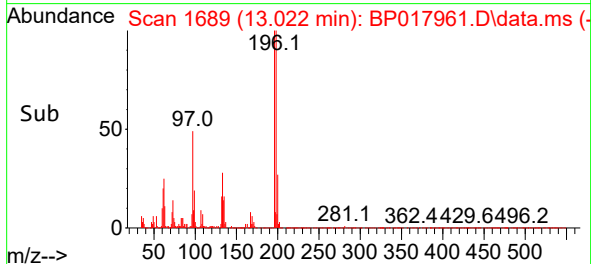
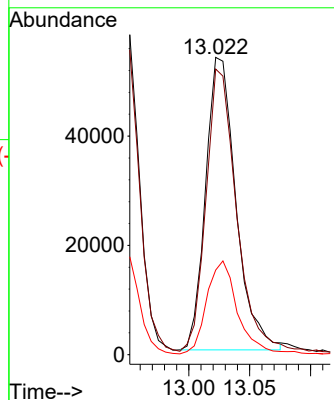
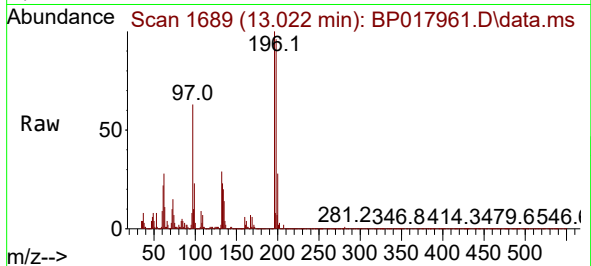




#42
2,4,5-Trichlorophenol
Concen: 18.855 ng/ul
RT: 13.022 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

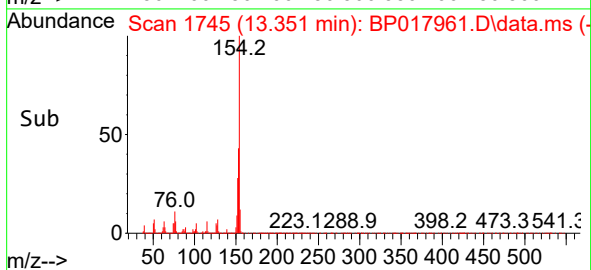
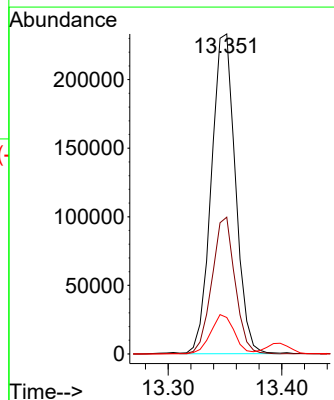
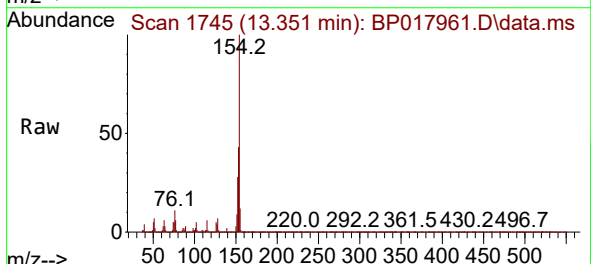
Instrument :
BNA_P
ClientSampleId :
SSTD020660

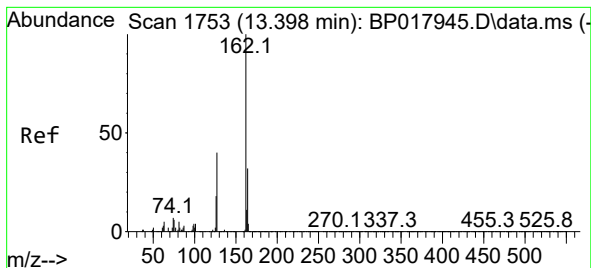
Tgt Ion:196 Resp: 92874
Ion Ratio Lower Upper
196 100
198 96.0 78.5 117.7
200 28.5 25.3 37.9



#43
1,1'-Biphenyl
Concen: 19.242 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:154 Resp: 342766
Ion Ratio Lower Upper
154 100
153 42.7 31.8 47.8
76 11.4 8.5 12.7

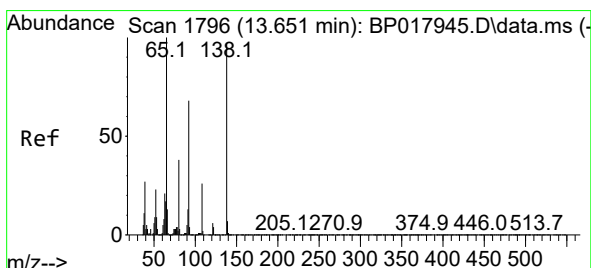
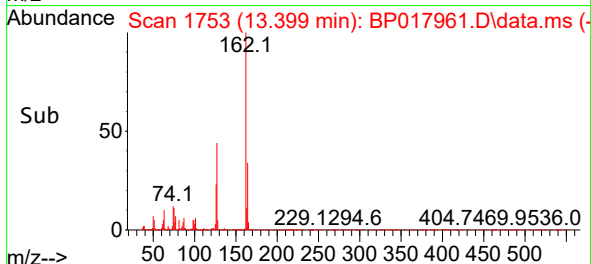
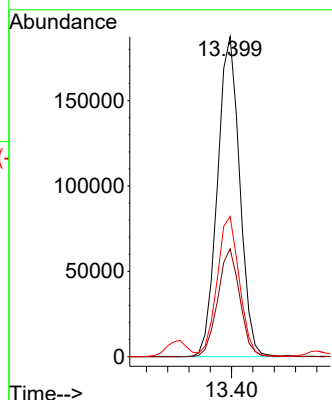
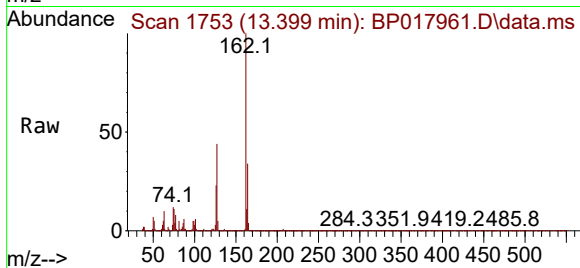




#44
2-Chloronaphthalene
Concen: 19.138 ng/ul
RT: 13.399 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

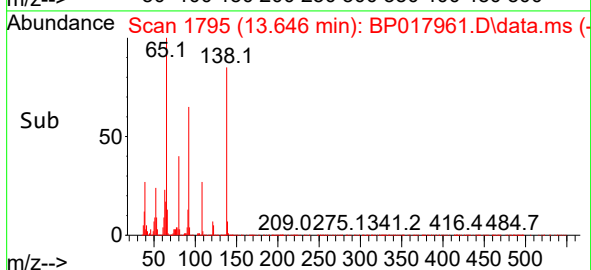
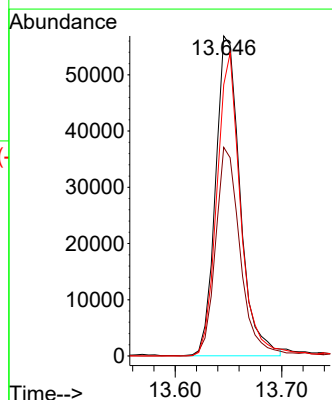
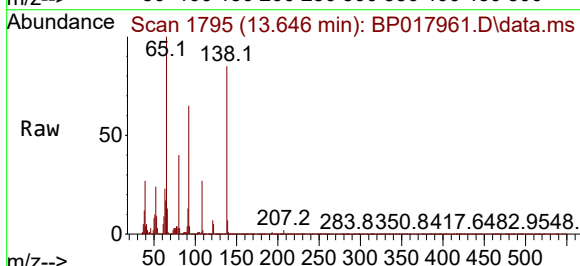
Instrument :
BNA_P
ClientSampleId :
SSTD020660

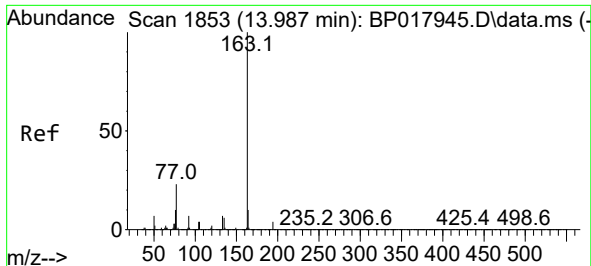
Tgt Ion:162 Resp: 271591
Ion Ratio Lower Upper
162 100
164 33.7 26.7 40.1
127 43.8 33.0 49.6



#45
2-Nitroaniline
Concen: 21.373 ng/ul
RT: 13.646 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion: 65 Resp: 90816
Ion Ratio Lower Upper
65 100
92 65.2 53.9 80.9
138 84.7 79.1 118.7

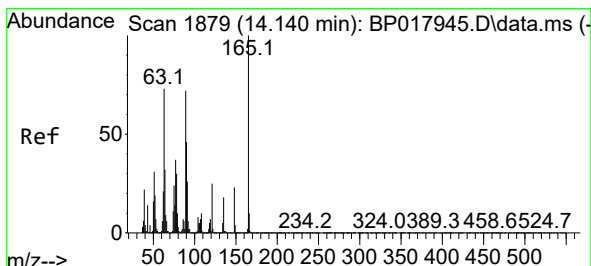
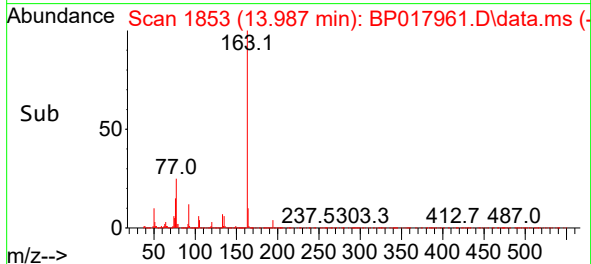
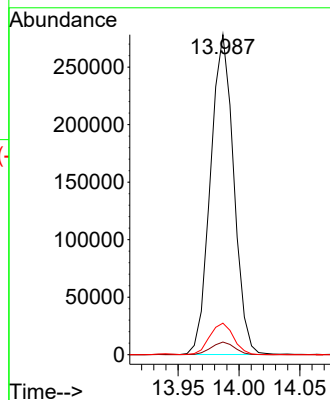
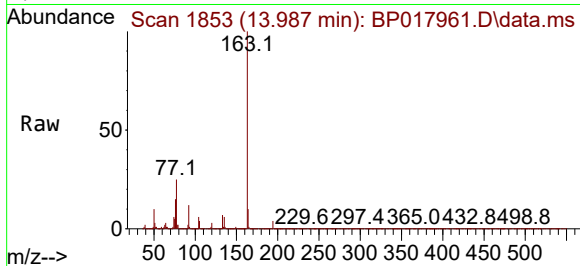




#47
Dimethylphthalate
Concen: 19.565 ng/ul
RT: 13.987 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

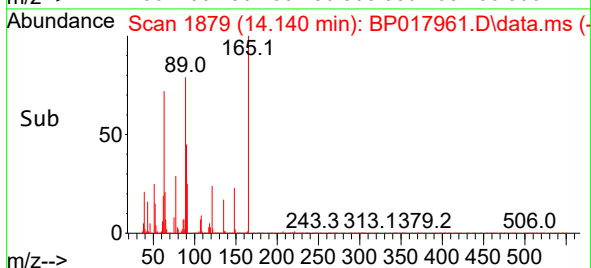
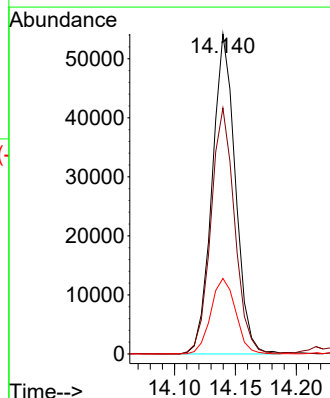
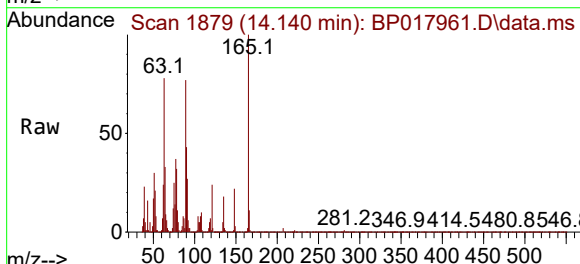
Instrument :
BNA_P
ClientSampleId :
SSTD020660

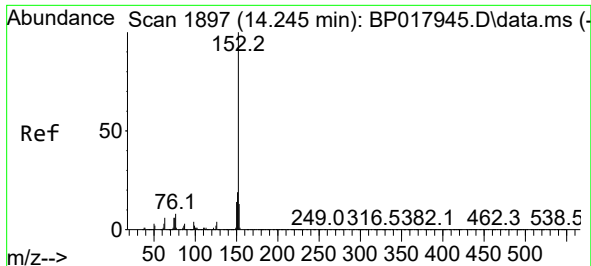
Tgt Ion:163 Resp: 369570
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 19.198 ng/ul
RT: 14.140 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:165 Resp: 71973
Ion Ratio Lower Upper
165 100
89 76.9 54.9 82.3
121 23.6 19.0 28.6

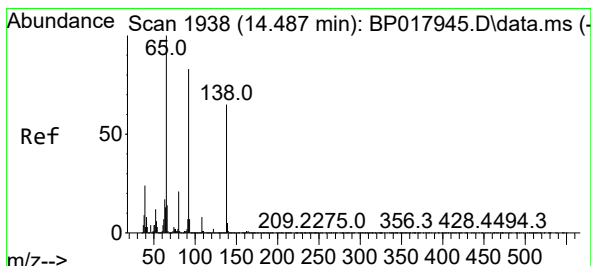
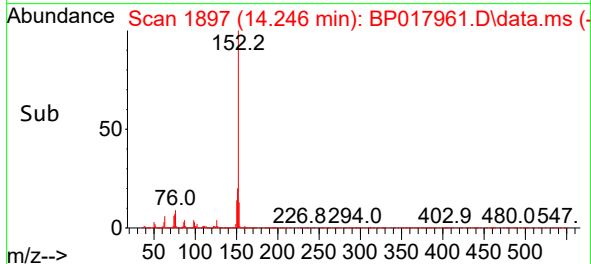
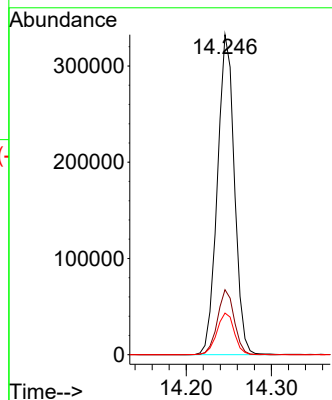
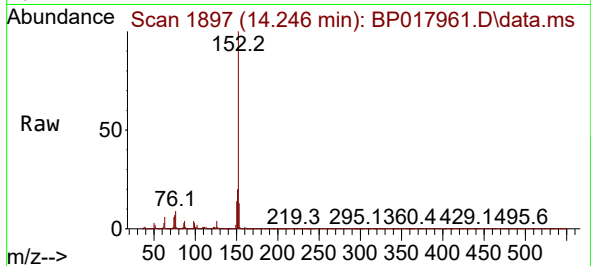




#50
Acenaphthylene
Concen: 19.621 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

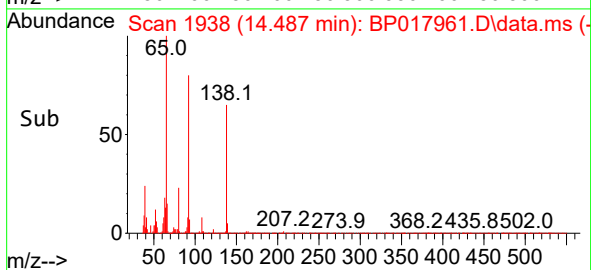
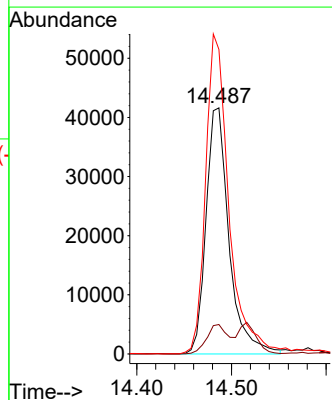
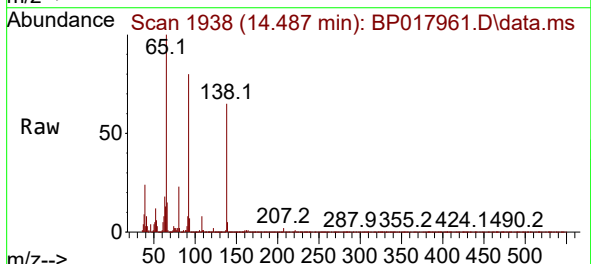
Instrument :
BNA_P
ClientSampleId :
SSTD020660

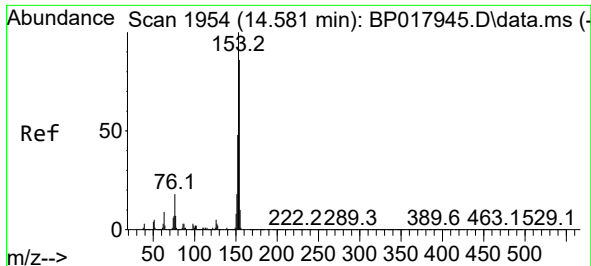
Tgt Ion:152 Resp: 461556
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.0 10.4 15.6



#51
3-Nitroaniline
Concen: 19.907 ng/ul
RT: 14.487 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:138 Resp: 70302
Ion Ratio Lower Upper
138 100
108 12.0 8.4 12.6
92 123.7 94.2 141.4

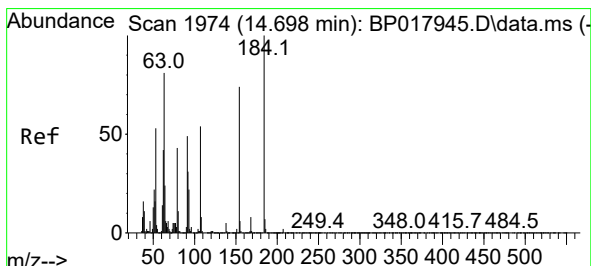
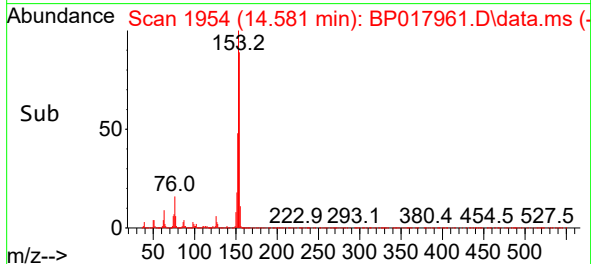
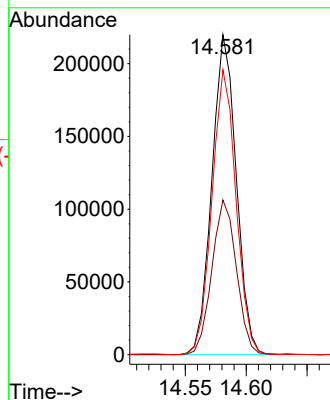
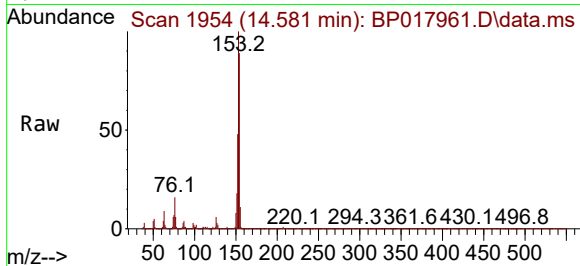




#52
Acenaphthene
Concen: 19.662 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

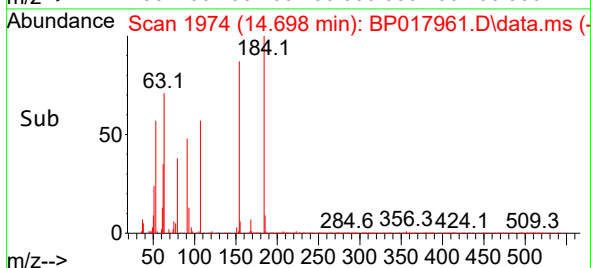
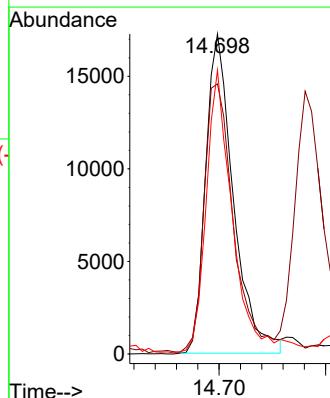
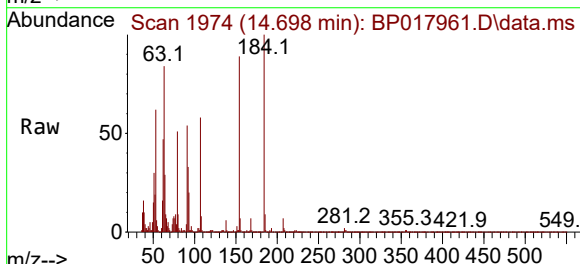
Instrument :
BNA_P
ClientSampleId :
SSTD020660

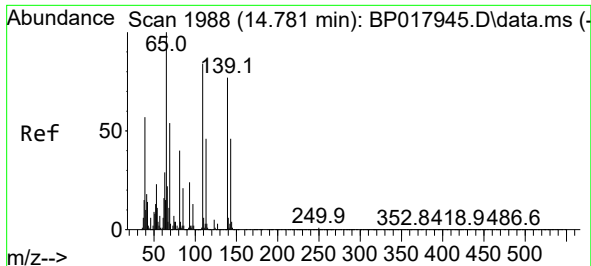
Tgt Ion:153 Resp: 306538
Ion Ratio Lower Upper
153 100
152 48.4 37.7 56.5
154 89.1 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 14.158 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:184 Resp: 31244
Ion Ratio Lower Upper
184 100
63 84.4 54.5 81.7#
154 88.6 56.4 84.6#

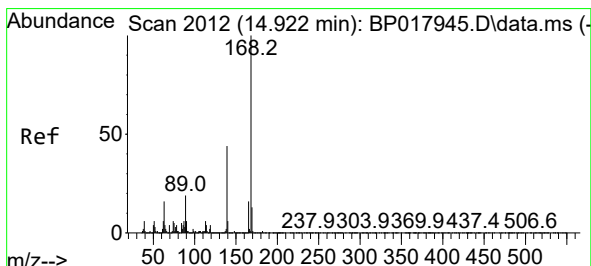
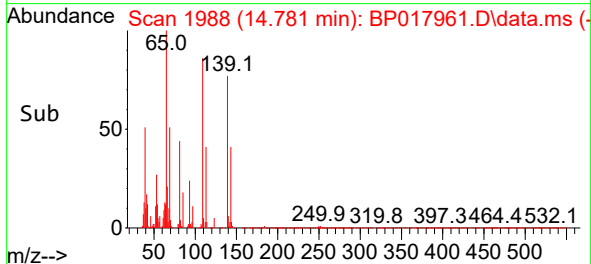
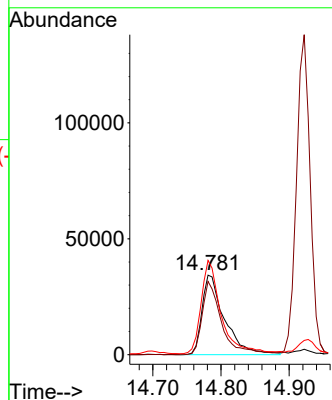
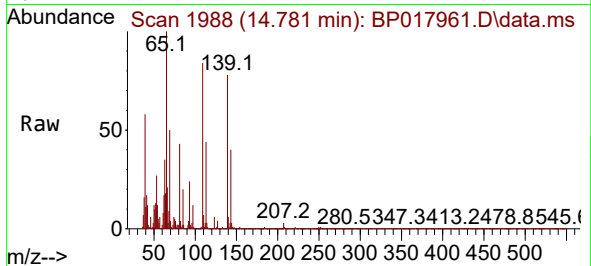




#55
4-Nitrophenol
Concen: 20.580 ng/ul
RT: 14.781 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

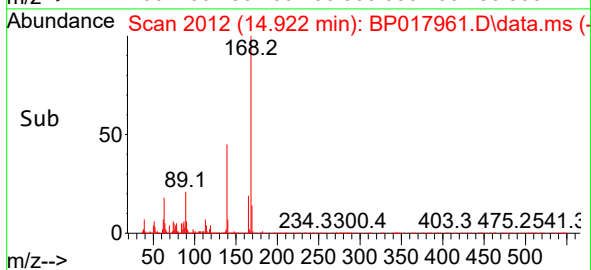
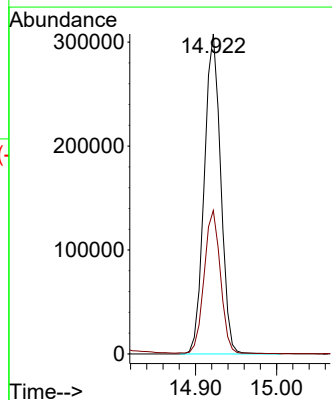
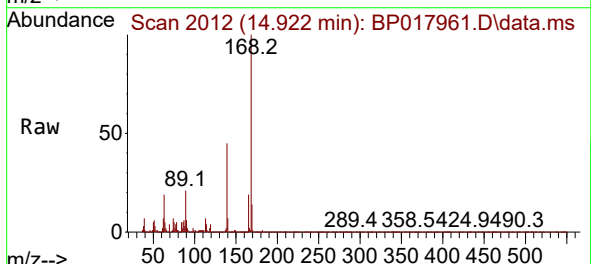
Instrument :
BNA_P
ClientSampleId :
SSTD020660

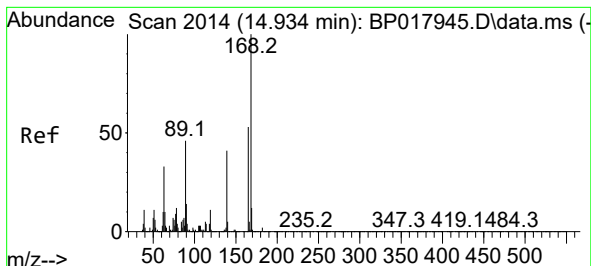
Tgt Ion	Ratio	Lower	Upper
109	100		
139	92.1	79.6	119.4
65	118.5	87.8	131.8



#56
Dibenzofuran
Concen: 20.063 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.8	33.8	50.6





#57

2,4-Dinitrotoluene

Concen: 20.094 ng/ul

RT: 14.928 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

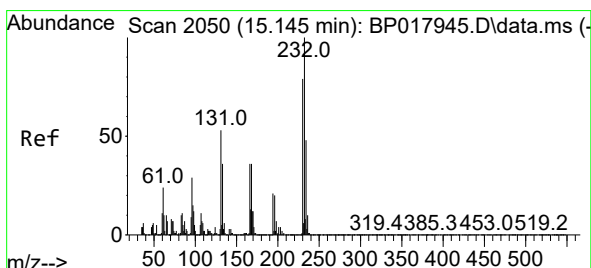
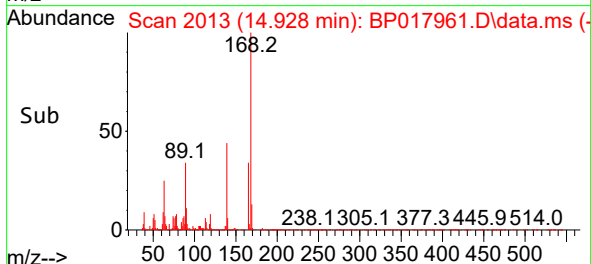
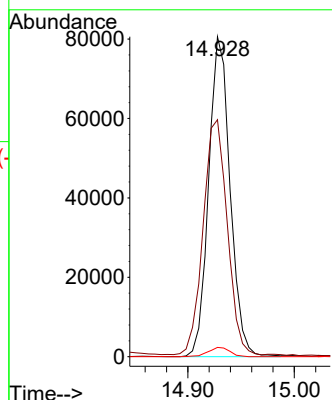
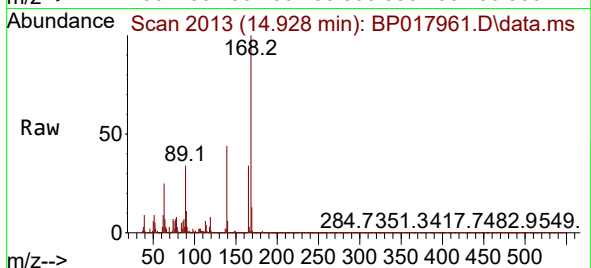
Tgt Ion:165 Resp: 112581

Ion Ratio Lower Upper

165 100

63 74.0 53.3 79.9

182 2.9 1.9 2.9#



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.237 ng/ul

RT: 15.146 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Tgt Ion:232 Resp: 88298

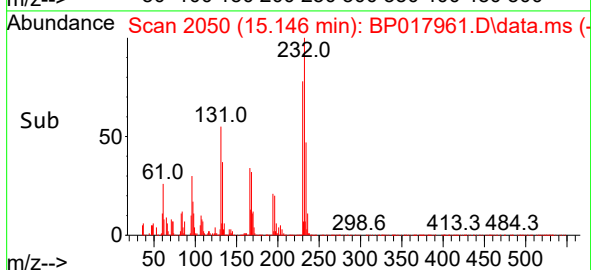
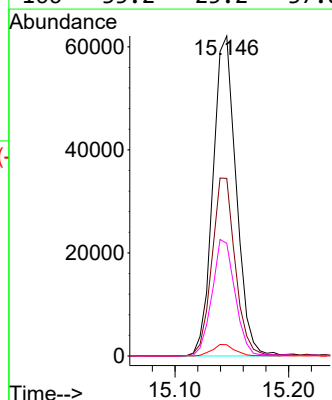
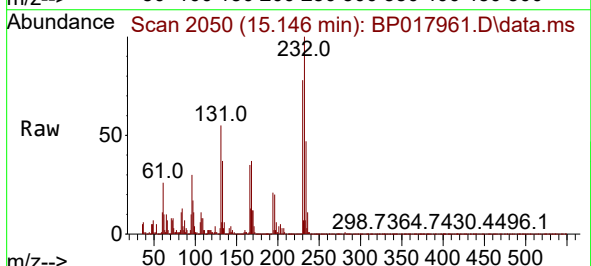
Ion Ratio Lower Upper

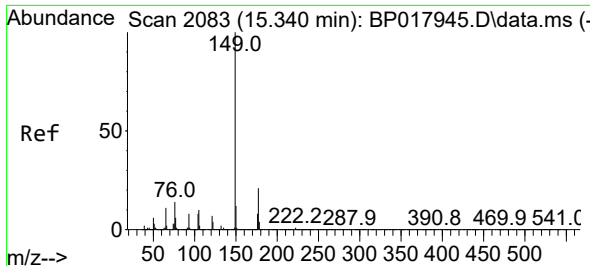
232 100

131 55.5 38.3 57.5

130 3.5 2.2 3.4#

166 35.2 25.2 37.8

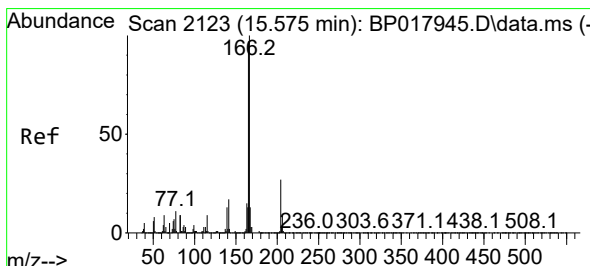
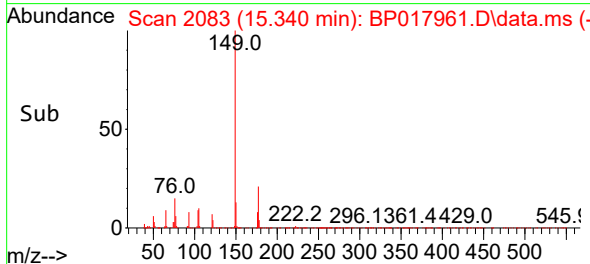
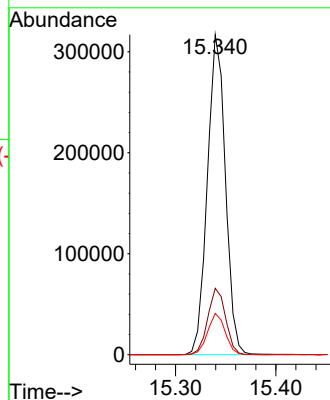
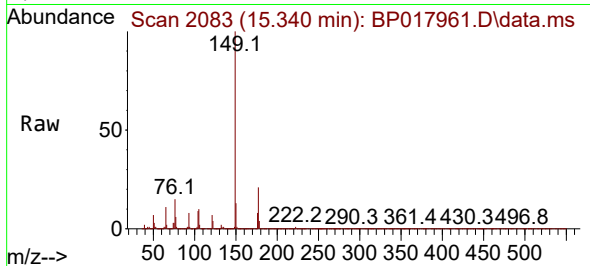




#59
Diethylphthalate
Concen: 20.193 ng/ul
RT: 15.340 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

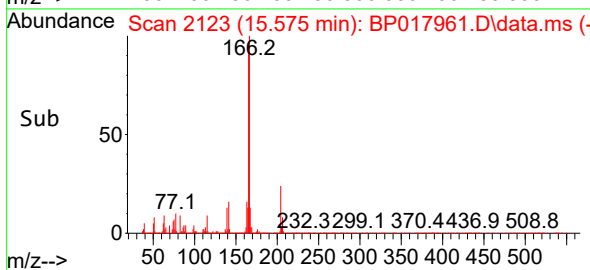
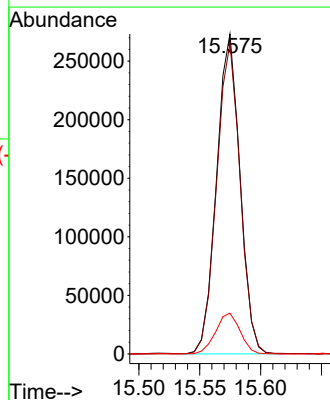
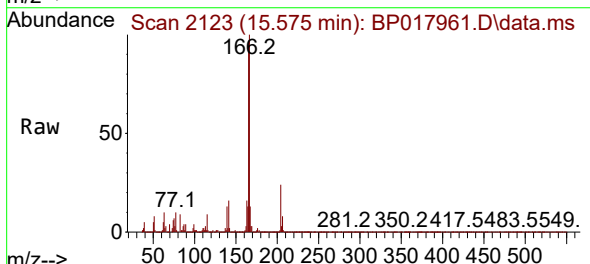
Instrument :
BNA_P
ClientSampleId :
SSTD020660

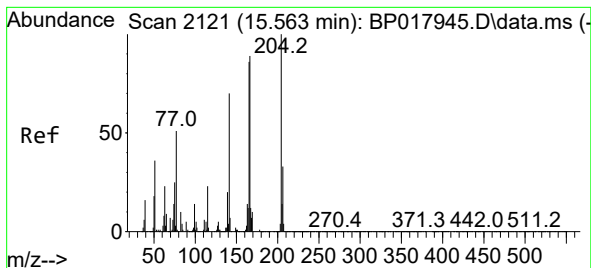
Tgt Ion:149 Resp: 397423
Ion Ratio Lower Upper
149 100
177 20.7 16.4 24.6
150 12.9 9.7 14.5



#61
Fluorene
Concen: 20.074 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:166 Resp: 366036
Ion Ratio Lower Upper
166 100
165 97.2 79.8 119.6
167 12.8 10.9 16.3

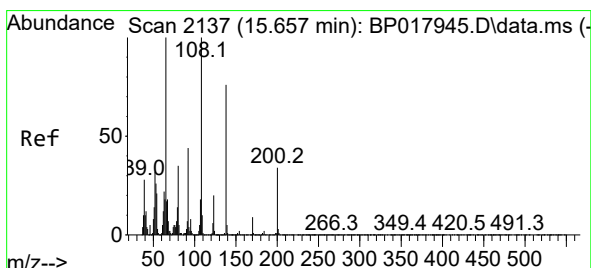
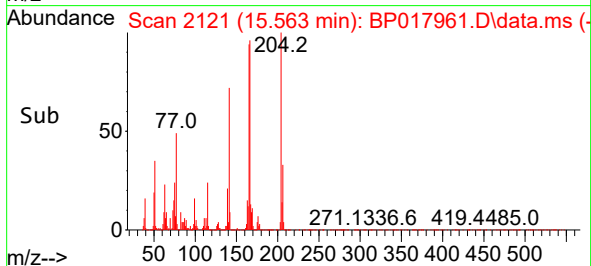
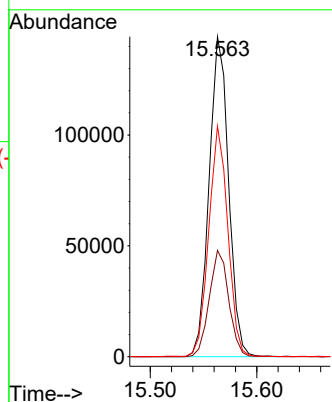
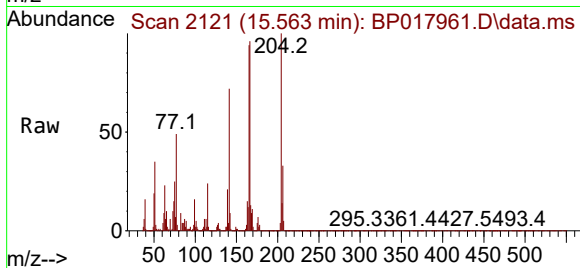




#62
4-Chlorophenyl-phenylether
Concen: 19.463 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

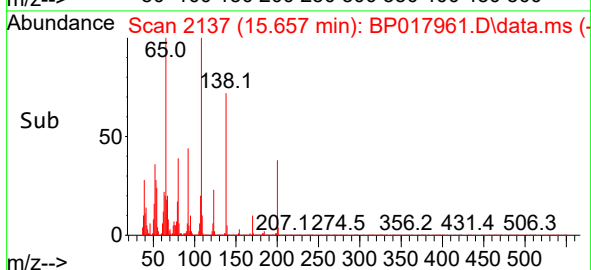
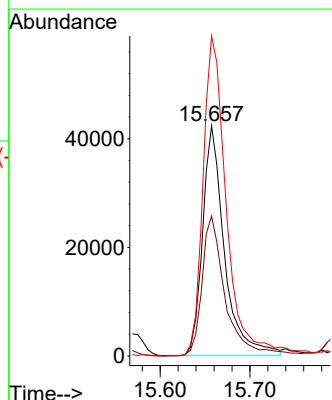
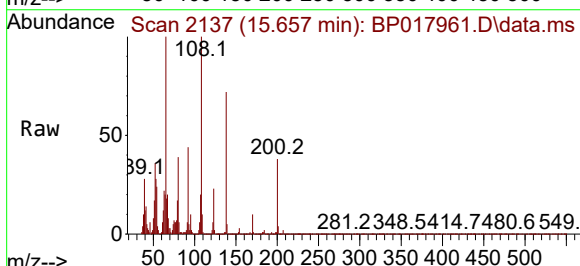
Instrument :
BNA_P
ClientSampleId :
SSTD020660

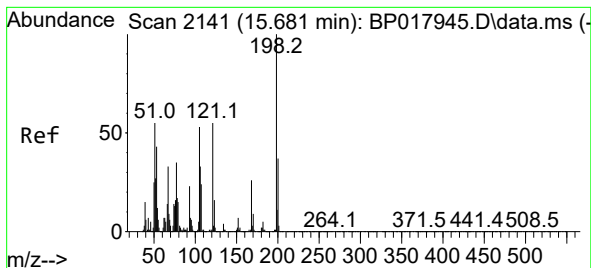
Tgt Ion:204 Resp: 183663
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 72.1 53.6 80.4



#63
4-Nitroaniline
Concen: 21.464 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:138 Resp: 71711
Ion Ratio Lower Upper
138 100
92 60.8 45.4 68.2
108 139.1 103.1 154.7

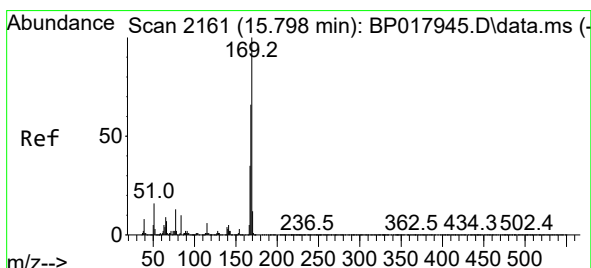
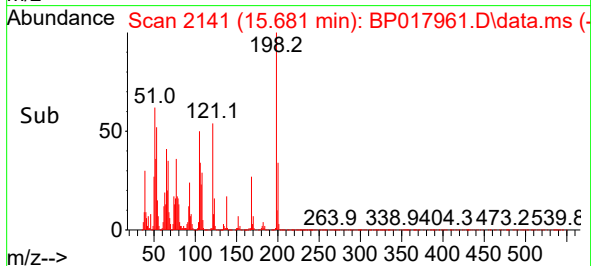
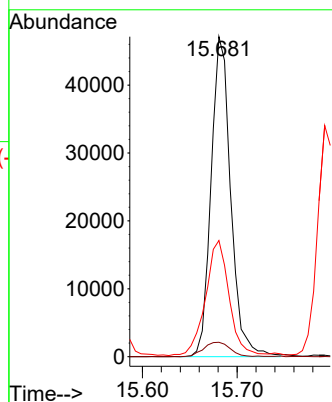
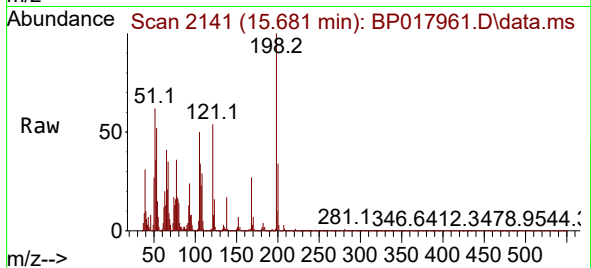




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.304 ng/ul
 RT: 15.681 min Scan# 2141
 Delta R.T. -0.006 min
 Lab File: BP017961.D
 Acq: 08 Nov 2023 13:41

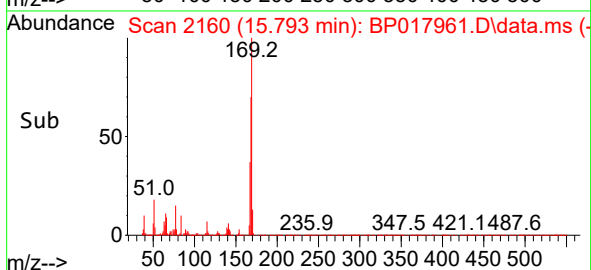
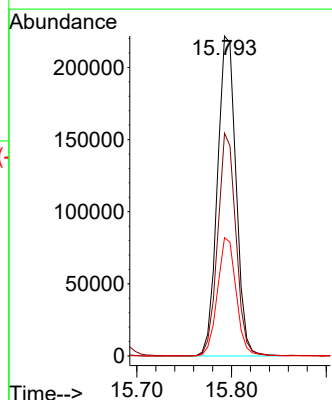
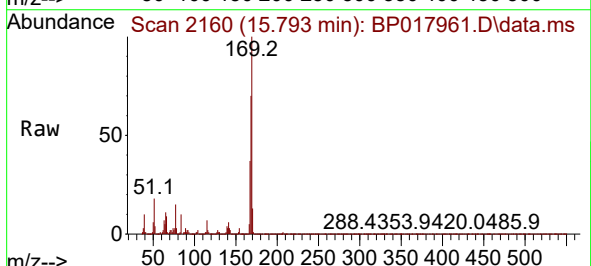
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020660

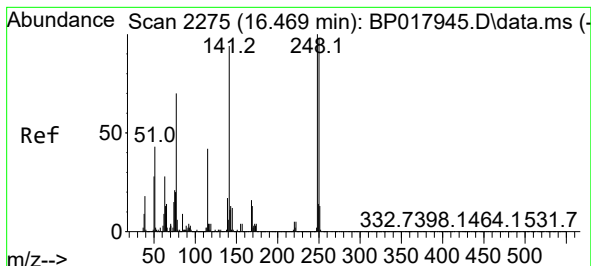
Tgt Ion:198 Resp: 67901
 Ion Ratio Lower Upper
 198 100
 182 4.5 4.4 6.6
 77 36.3 24.6 37.0



#67
 N-Nitrosodiphenylamine
 Concen: 19.196 ng/ul
 RT: 15.793 min Scan# 2160
 Delta R.T. -0.012 min
 Lab File: BP017961.D
 Acq: 08 Nov 2023 13:41

Tgt Ion:169 Resp: 303460
 Ion Ratio Lower Upper
 169 100
 168 69.6 53.4 80.0
 167 36.9 28.0 42.0

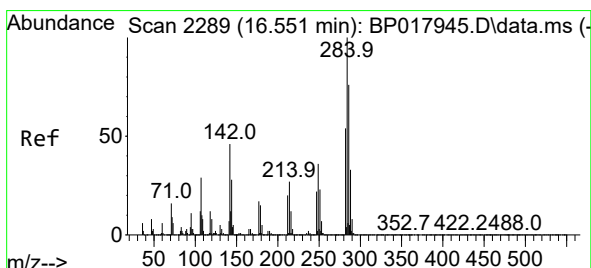
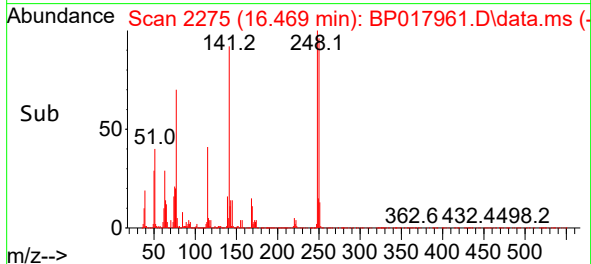
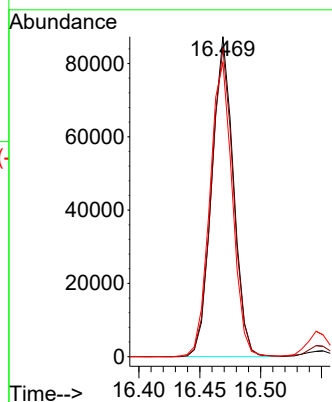
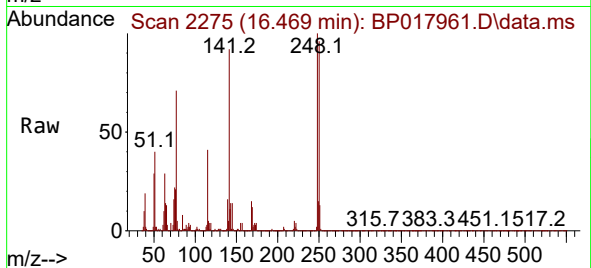




#68
4-Bromophenyl-phenylether
Concen: 17.867 ng/ul
RT: 16.469 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

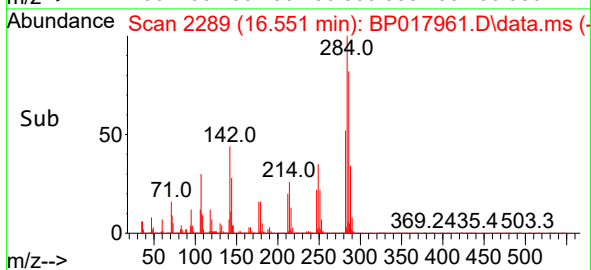
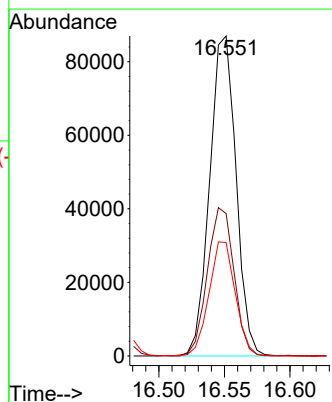
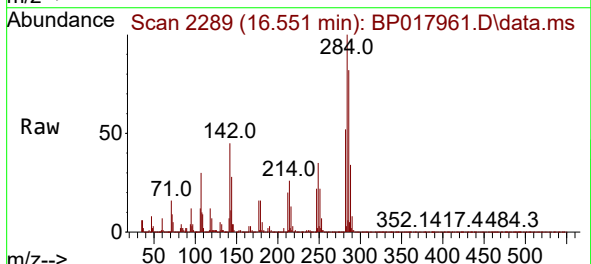
Instrument :
BNA_P
ClientSampleId :
SSTD020660

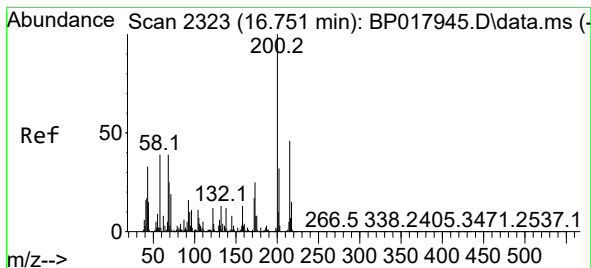
Tgt Ion:248 Resp: 108064
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 92.0 62.4 93.6



#69
Hexachlorobenzene
Concen: 17.540 ng/ul
RT: 16.551 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BP017961.D
Acq: 08 Nov 2023 13:41

Tgt Ion:284 Resp: 121767
Ion Ratio Lower Upper
284 100
142 44.5 29.0 43.6#
249 35.5 25.8 38.6





#70

Atrazine

Concen: 18.984 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

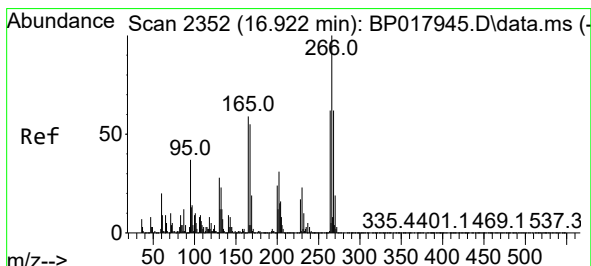
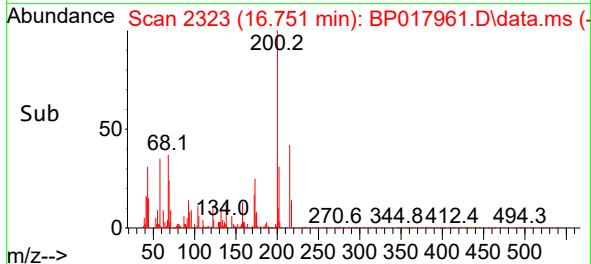
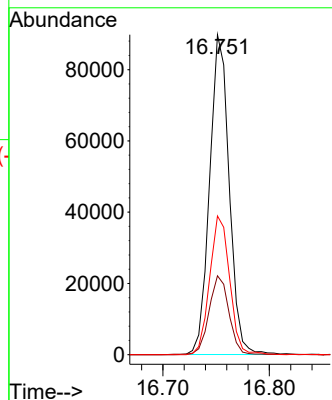
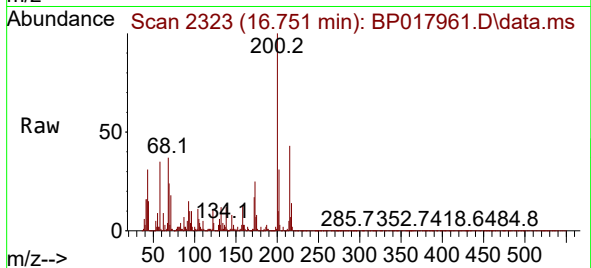
Tgt Ion:200 Resp: 114618

Ion Ratio Lower Upper

200 100

173 24.6 20.2 30.4

215 43.3 37.7 56.5



#71

Pentachlorophenol

Concen: 17.098 ng/ul

RT: 16.922 min Scan# 2352

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

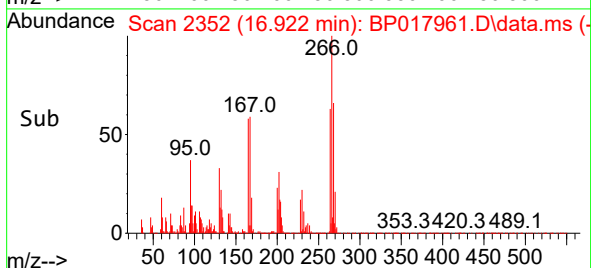
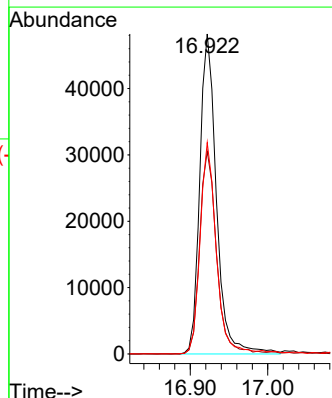
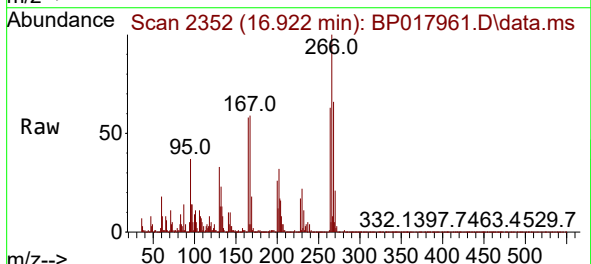
Tgt Ion:266 Resp: 72099

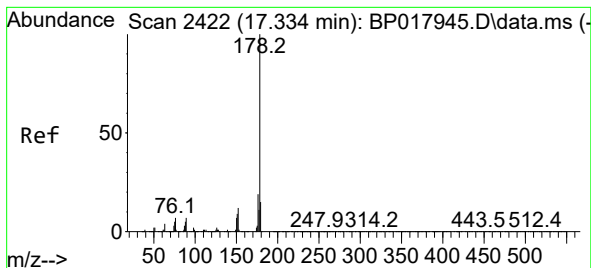
Ion Ratio Lower Upper

266 100

264 63.3 53.8 80.6

268 66.1 52.4 78.6





#72

Phenanthrene

Concen: 19.622 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

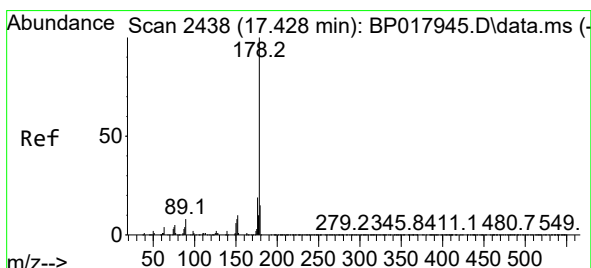
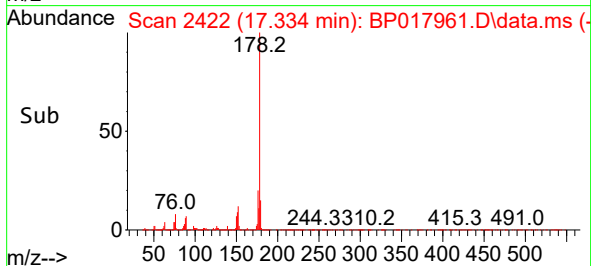
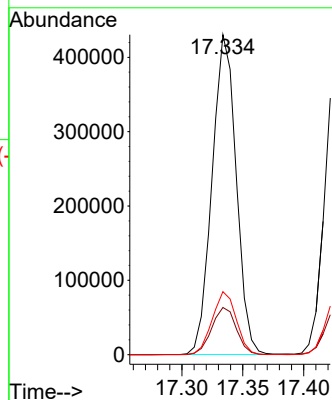
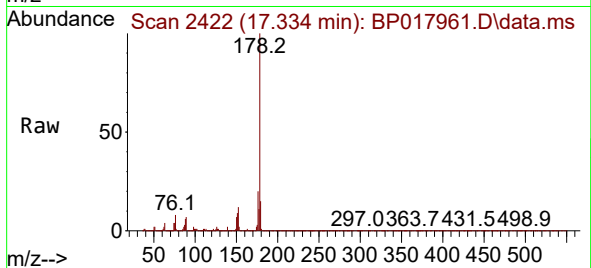
Tgt Ion:178 Resp: 592621

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

176 19.7 15.2 22.8



#74

Anthracene

Concen: 19.518 ng/ul

RT: 17.428 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

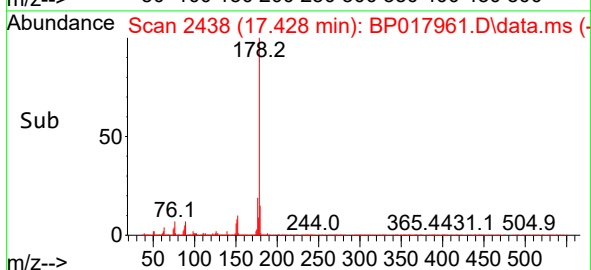
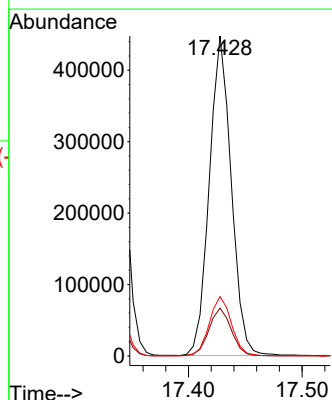
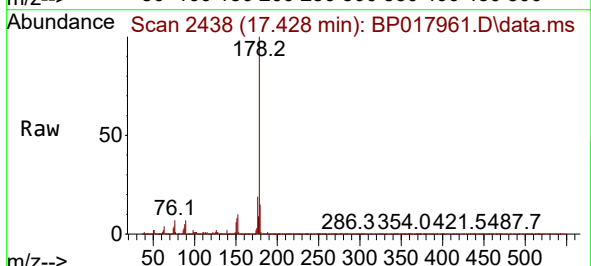
Tgt Ion:178 Resp: 599175

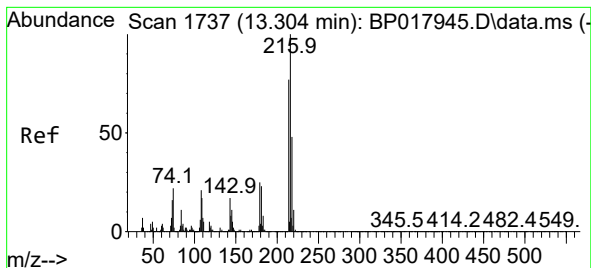
Ion Ratio Lower Upper

178 100

179 14.9 12.5 18.7

176 18.6 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 17.436 ng/uL

RT: 13.299 min Scan# 1736

Delta R.T. -0.012 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

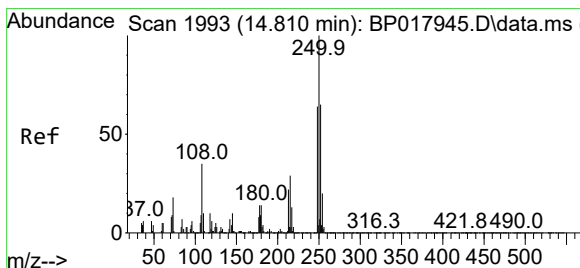
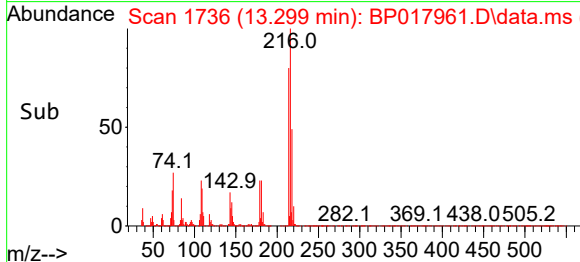
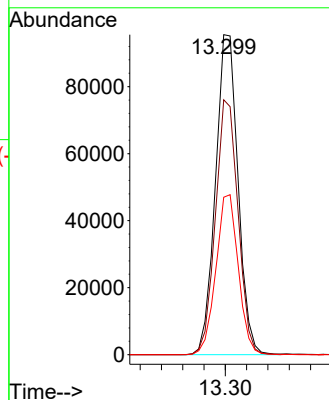
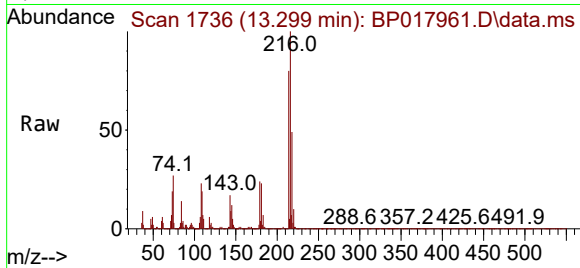
Tgt Ion:216 Resp: 140353

Ion Ratio Lower Upper

216 100

214 79.7 62.3 93.5

218 49.2 39.8 59.6



#76

Pentachlorobenzene

Concen: 17.830 ng/uL

RT: 14.810 min Scan# 1993

Delta R.T. -0.012 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

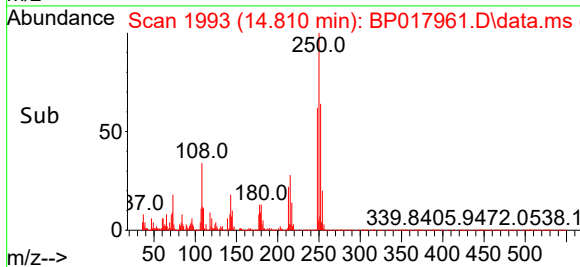
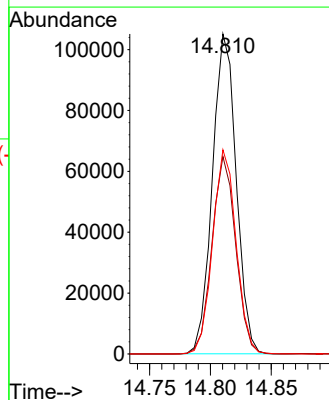
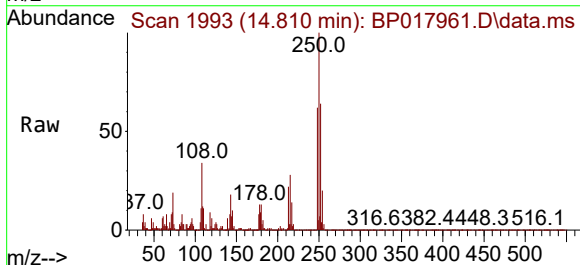
Tgt Ion:250 Resp: 143224

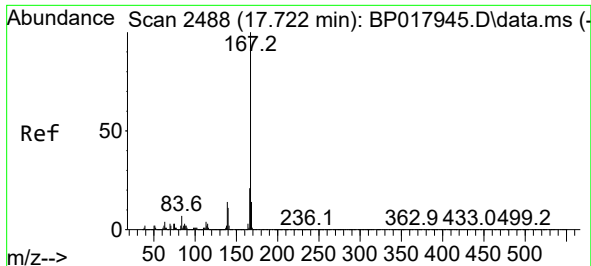
Ion Ratio Lower Upper

250 100

248 61.7 48.5 72.7

252 63.8 50.2 75.4

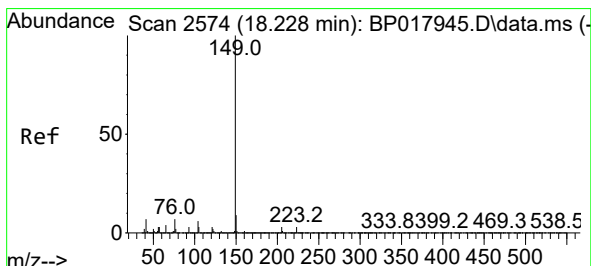
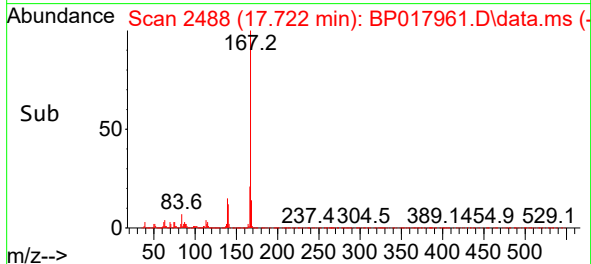
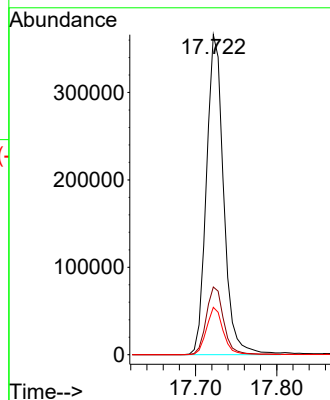
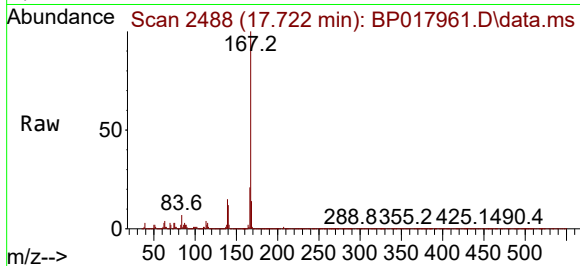




#77
 Carbazole
 Concen: 19.643 ng/ul
 RT: 17.722 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BP017961.D
 Acq: 08 Nov 2023 13:41

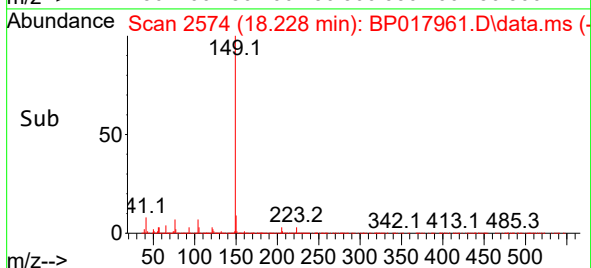
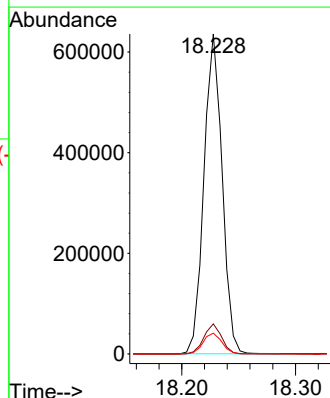
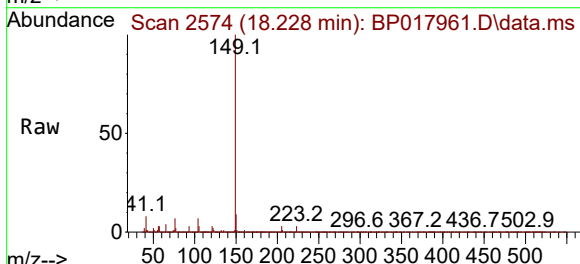
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020660

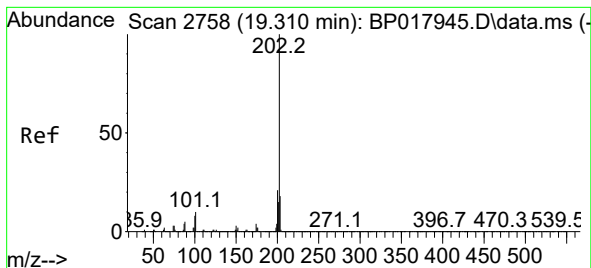
Tgt Ion:167 Resp: 537715
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.7 26.5
 139 14.8 11.0 16.4



#78
 Di-n-butylphthalate
 Concen: 20.657 ng/ul
 RT: 18.228 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BP017961.D
 Acq: 08 Nov 2023 13:41

Tgt Ion:149 Resp: 703611
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 6.5 5.0 7.6





#80

Fluoranthene

Concen: 18.970 ng/ul

RT: 19.310 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

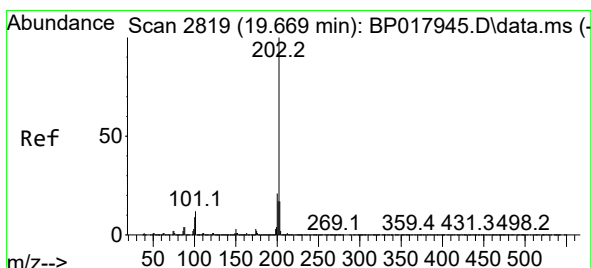
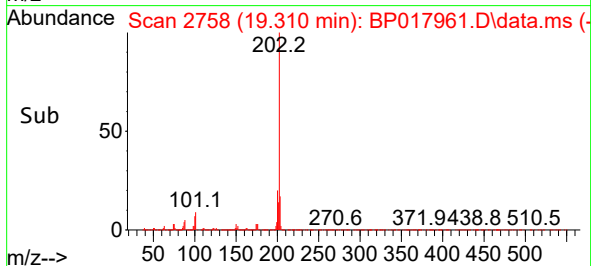
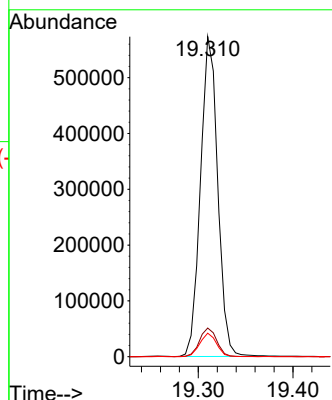
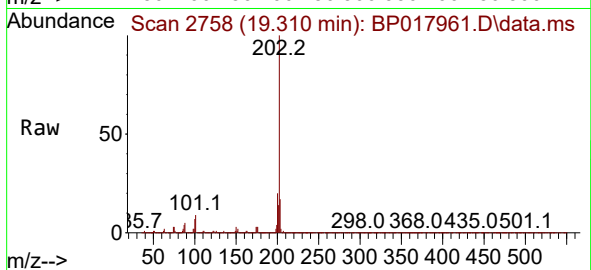
Tgt Ion:202 Resp: 726599

Ion Ratio Lower Upper

202 100

101 9.0 7.1 10.7

100 7.3 5.3 7.9



#82

Pyrene

Concen: 19.152 ng/ul

RT: 19.669 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

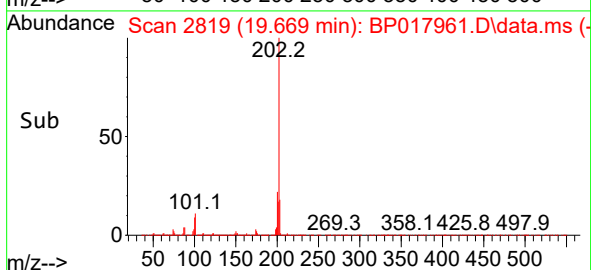
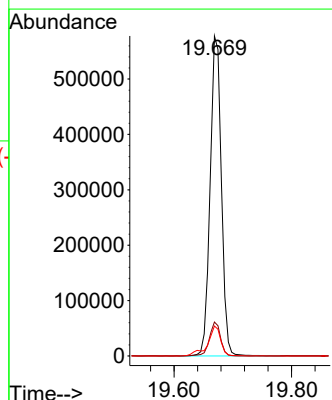
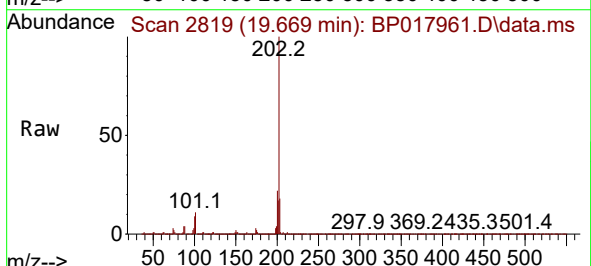
Tgt Ion:202 Resp: 765099

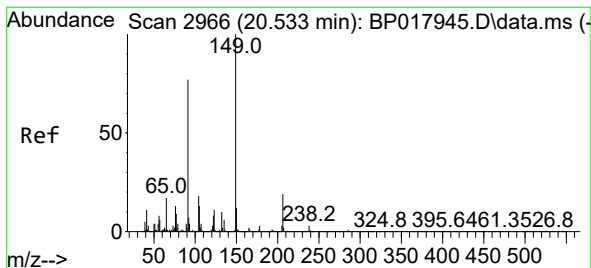
Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

100 9.4 7.3 10.9





#83

Butylbenzylphthalate

Concen: 19.533 ng/ul

RT: 20.533 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

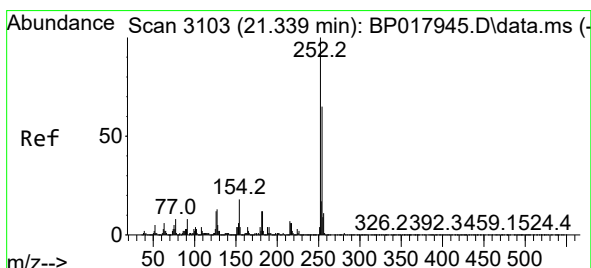
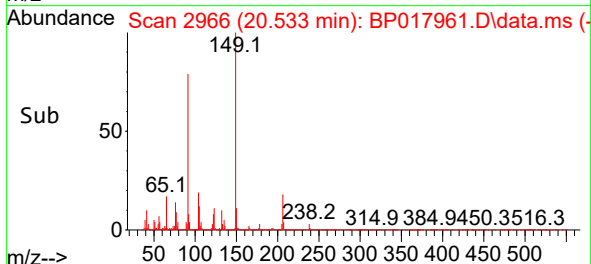
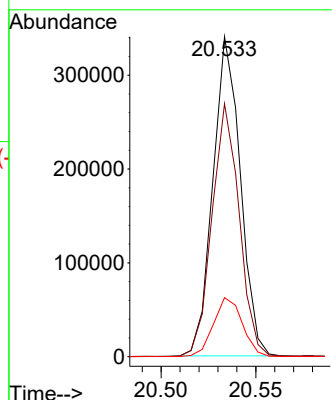
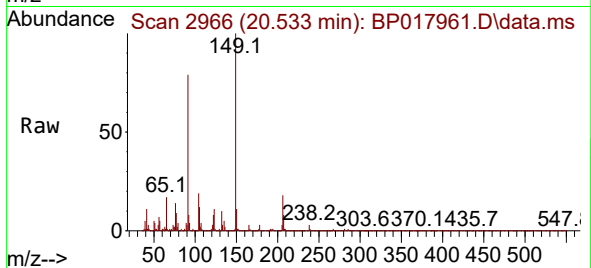
Tgt Ion:149 Resp: 343321

Ion Ratio Lower Upper

149 100

91 79.0 60.4 90.6

206 18.4 15.3 22.9



#84

3,3'-Dichlorobenzidine

Concen: 18.106 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

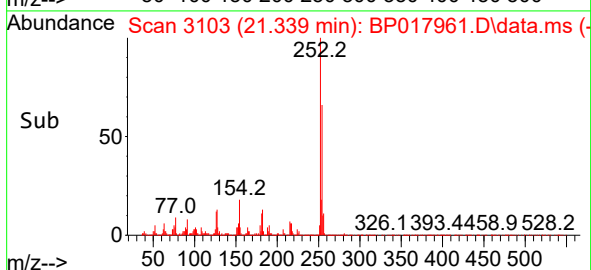
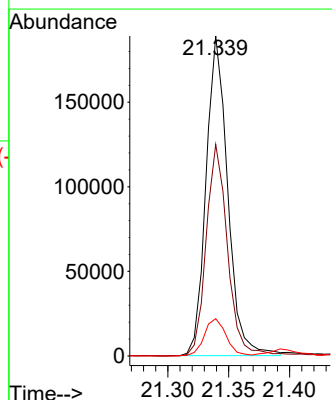
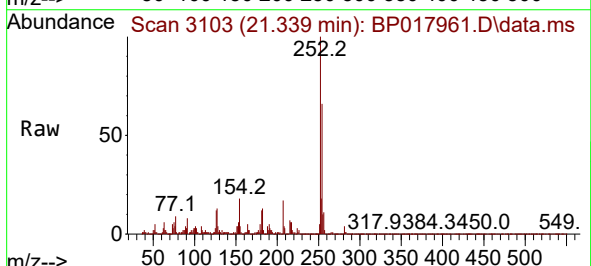
Tgt Ion:252 Resp: 234007

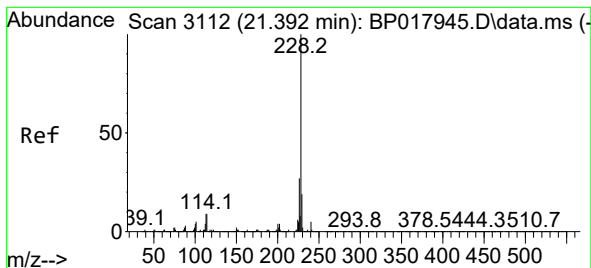
Ion Ratio Lower Upper

252 100

254 66.1 50.7 76.1

126 11.7 7.9 11.9





#85

Benzo(a)anthracene

Concen: 19.657 ng/ul

RT: 21.392 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

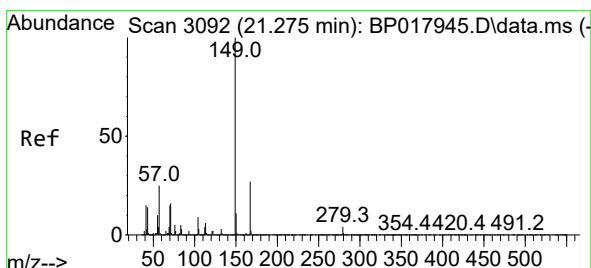
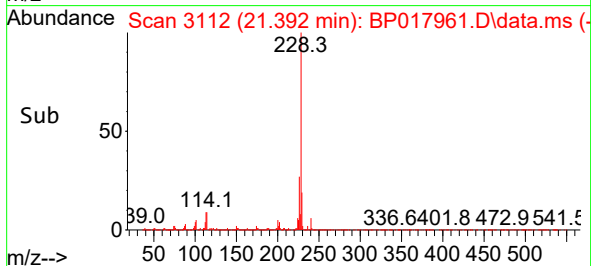
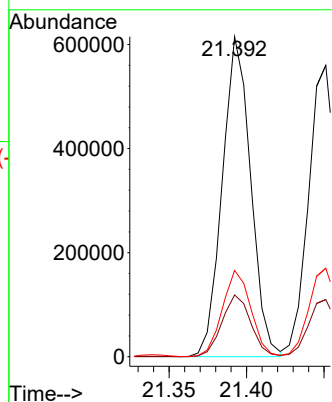
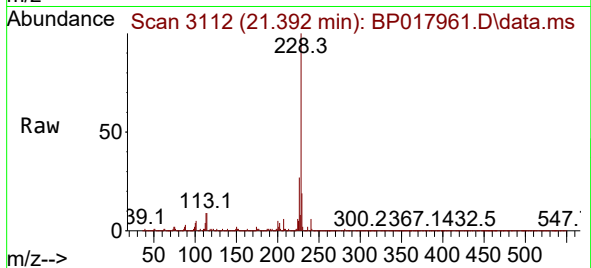
Tgt Ion:228 Resp: 782658

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.2

226 27.0 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.009 ng/ul

RT: 21.275 min Scan# 3092

Delta R.T. 0.000 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

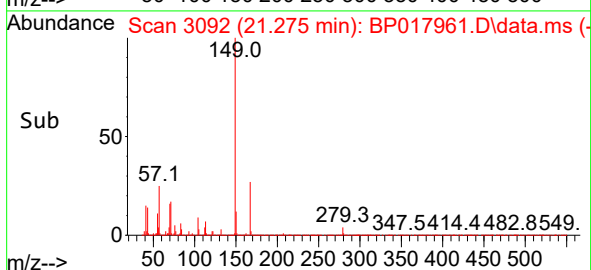
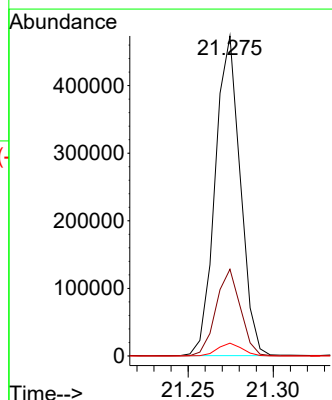
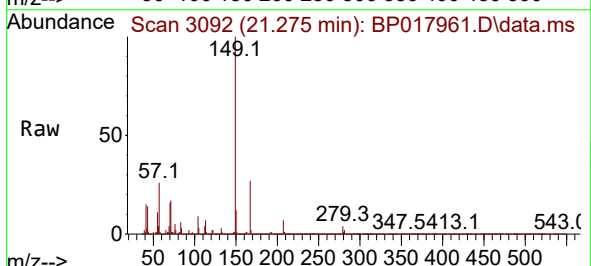
Tgt Ion:149 Resp: 483802

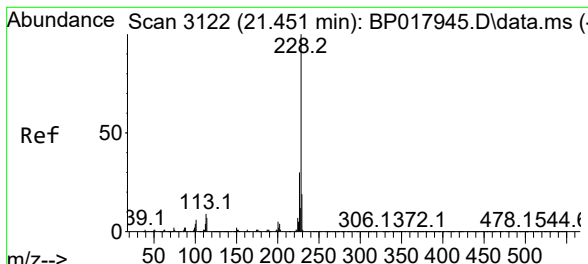
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

279 4.0 3.0 4.6





#87

Chrysene

Concen: 19.898 ng/ul

RT: 21.451 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

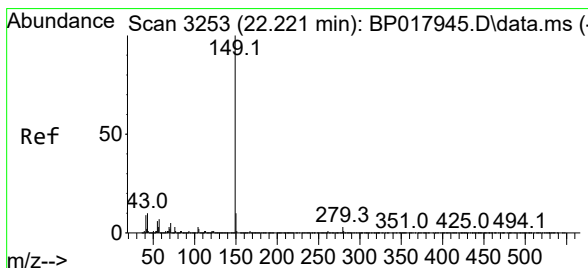
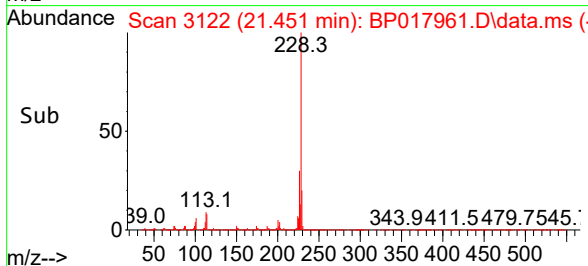
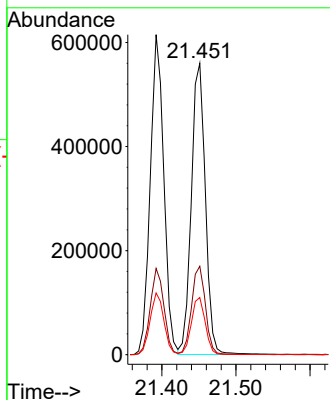
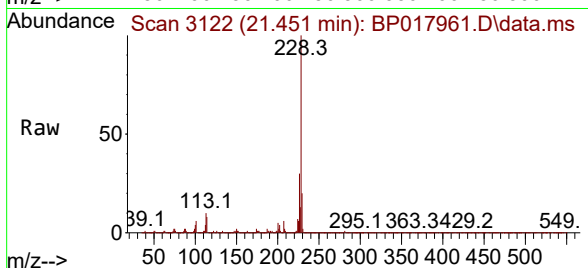
Tgt Ion:228 Resp: 734663

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 17.738 ng/ul

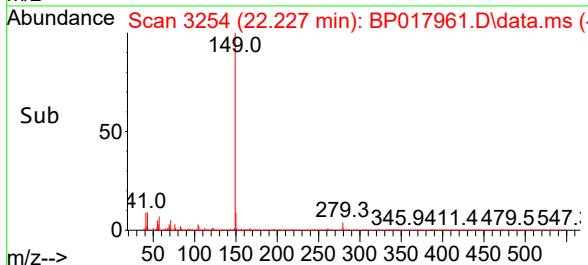
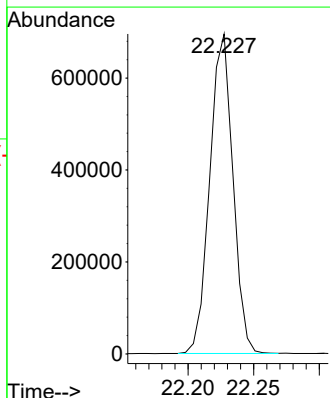
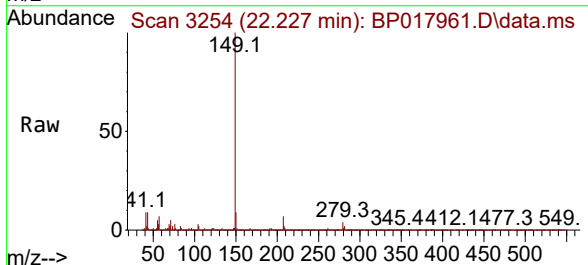
RT: 22.227 min Scan# 3254

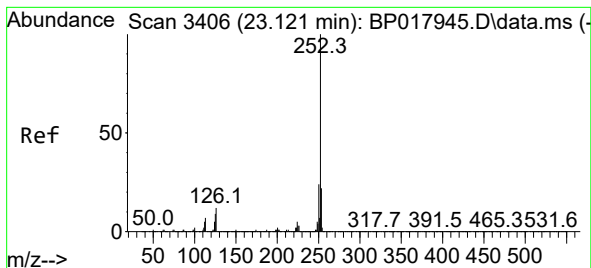
Delta R.T. 0.000 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Tgt Ion:149 Resp: 853079





#90

Benzo(b)fluoranthene

Concen: 19.287 ng/ul

RT: 23.122 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

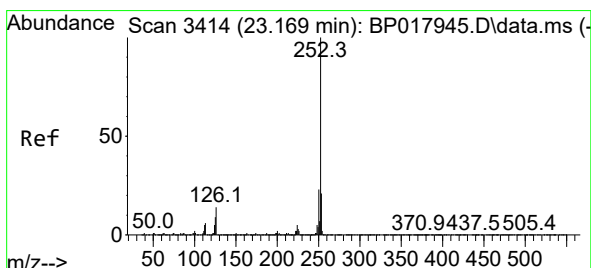
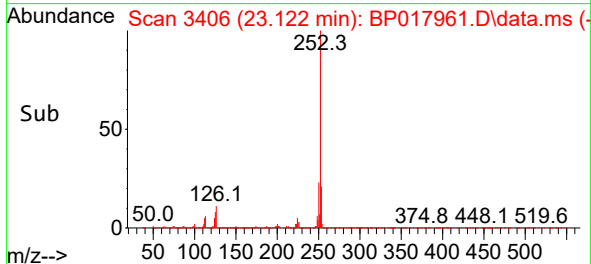
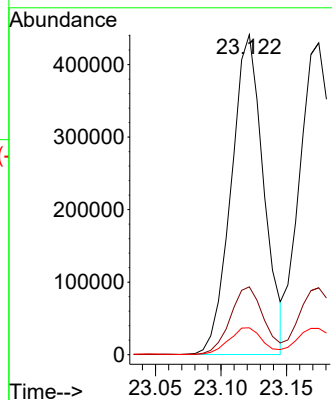
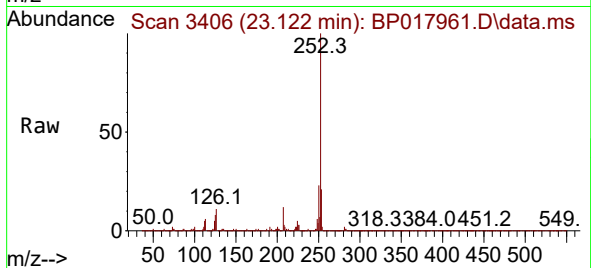
Tgt Ion:252 Resp: 758043

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

125 8.4 6.6 10.0



#91

Benzo(k)fluoranthene

Concen: 19.510 ng/ul

RT: 23.174 min Scan# 3415

Delta R.T. 0.000 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

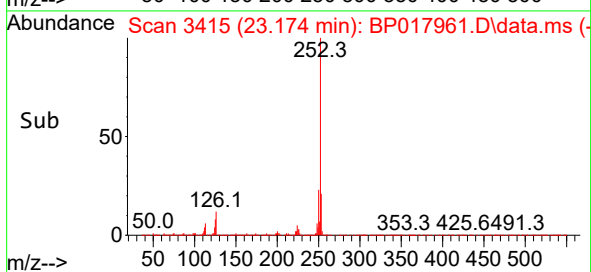
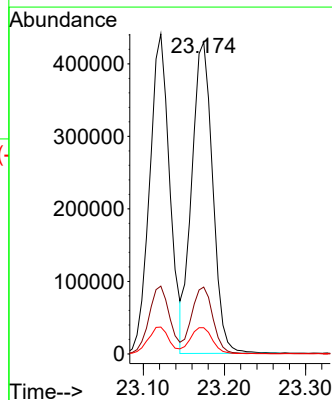
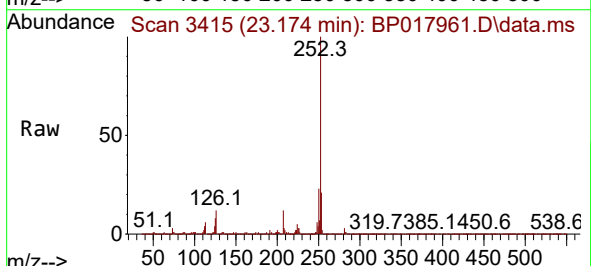
Tgt Ion:252 Resp: 768983

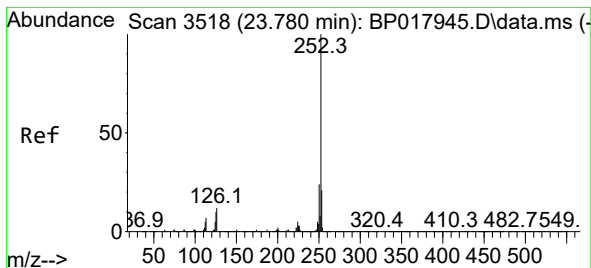
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 8.4 7.0 10.6





#93

Benzo(a)pyrene

Concen: 19.583 ng/ul

RT: 23.780 min Scan# 3518

Delta R.T. 0.000 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

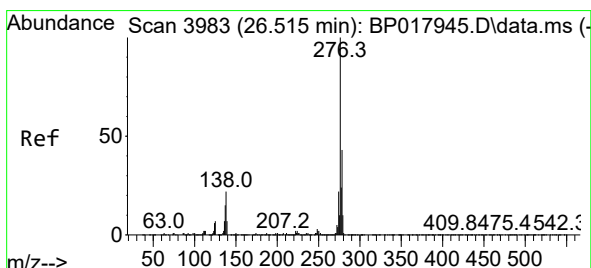
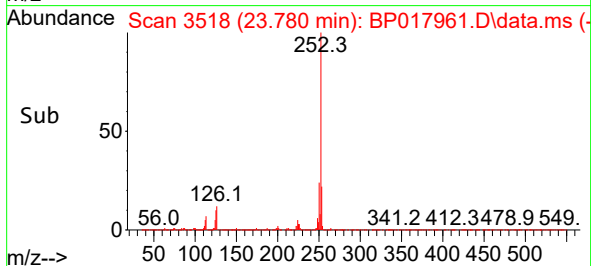
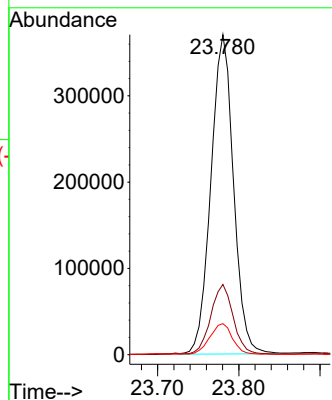
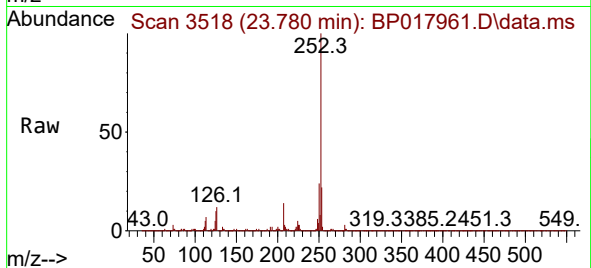
Tgt Ion:252 Resp: 715506

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.7 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.429 ng/ul

RT: 26.521 min Scan# 3984

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

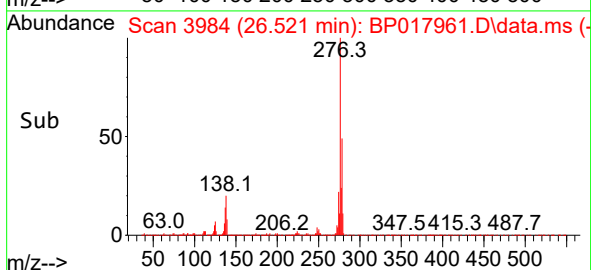
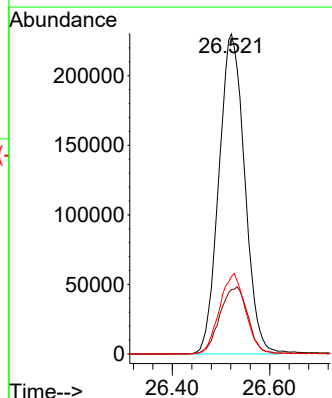
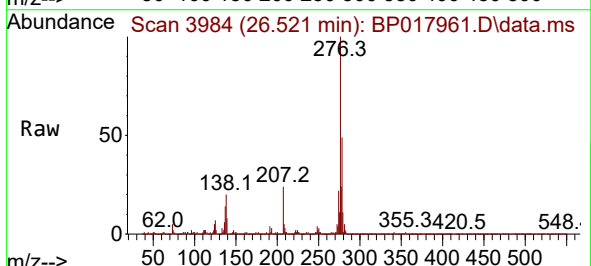
Tgt Ion:276 Resp: 845521

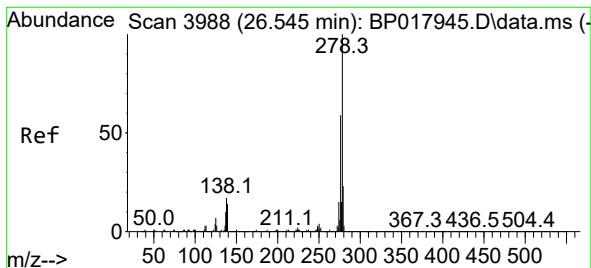
Ion Ratio Lower Upper

276 100

138 20.1 15.9 23.9

277 24.2 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 19.504 ng/ul

RT: 26.545 min Scan# 3988

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Instrument :

BNA_P

ClientSampleId :

SSTD020660

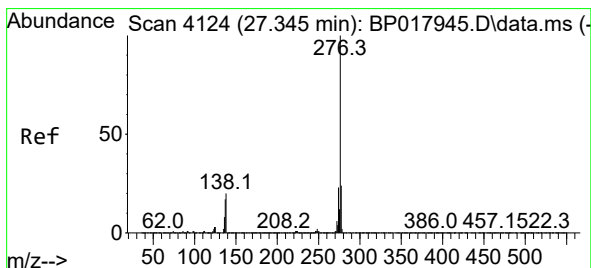
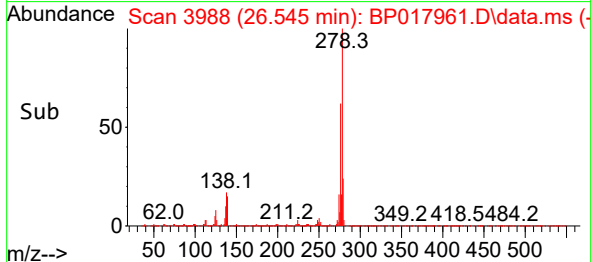
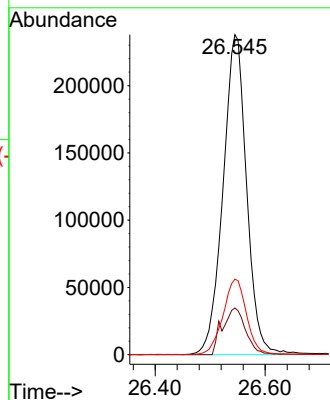
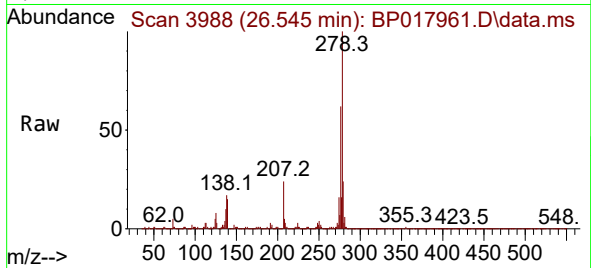
Tgt Ion:278 Resp: 706051

Ion Ratio Lower Upper

278 100

139 14.6 11.0 16.4

279 23.6 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 19.777 ng/ul

RT: 27.345 min Scan# 4124

Delta R.T. -0.006 min

Lab File: BP017961.D

Acq: 08 Nov 2023 13:41

Tgt Ion:276 Resp: 685189

Ion Ratio Lower Upper

276 100

138 19.8 14.7 22.1

277 23.6 19.2 28.8

