

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017926.D
 Acq On : 07 Nov 2023 16:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020658

Quant Time: Nov 07 21:47:33 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	81450	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	337612	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.522	164	212954	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	466906	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	435262	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	471477	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	16474	7.741	ng/uL	0.00
4) Pyridine-d5	3.675	84	113551	19.226	ng/u1	0.00
7) Phenol-d5	7.022	99	138263	18.102	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	88025	19.105	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	113498	19.338	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	115074	18.228	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	55614	20.613	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	62448	20.096	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	115623	20.296	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	154475	18.712	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	360321	19.296	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	405365	19.784	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	50745	17.675	ng/u1	0.00
60) Fluorene-d10	15.522	176	298520	19.100	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	60024	17.579	ng/u1	0.00
73) Anthracene-d10	17.398	188	462440	19.049	ng/u1	0.00
81) Pyrene-d10	19.645	212	544056	19.690	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	508582	19.306	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	18079	7.780	ng/uL	97
5) Pyridine	3.693	79	117159	19.079	ng/u1	95
6) Benzaldehyde	7.022	77	93851	22.091	ng/u1	95
8) Phenol	7.046	94	137731	18.331	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.299	93	114070	18.956	ng/u1	98
12) 2-Chlorophenol	7.411	128	115528	19.821	ng/u1	98
13) 2-Methylphenol	8.305	108	107038	18.530	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.369	45	73782	10.650	ng/u1	99
16) Acetophenone	8.710	105	185903	18.349	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.675	70	101570	19.156	ng/u1	99
18) 4-Methylphenol	8.640	108	115971	18.663	ng/u1	96
19) Hexachloroethane	8.910	117	54997	18.889	ng/u1	96
22) Nitrobenzene	9.099	77	153051	20.800	ng/u1	99
23) Isophorone	9.610	82	276668	20.676	ng/u1	100
25) 2-Nitrophenol	9.805	139	67218	20.902	ng/u1	99
26) 2,4-Dimethylphenol	9.846	107	141311	20.806	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.099	93	154961	21.052	ng/u1	96
29) 2,4-Dichlorophenol	10.322	162	111360	20.213	ng/u1	98
30) Naphthalene	10.722	128	379359	19.360	ng/u1	99
32) 4-Chloroaniline	10.875	127	149707	18.882	ng/u1	96
33) Hexachlorobutadiene	10.946	225	82798	18.063	ng/u1	97
34) Caprolactam	11.704	113	32200	18.339	ng/u1	97
35) 4-Chloro-3-methylphenol	11.981	107	126573	19.845	ng/u1	96
36) 2-Methylnaphthalene	12.334	142	260373	19.474	ng/u1	98

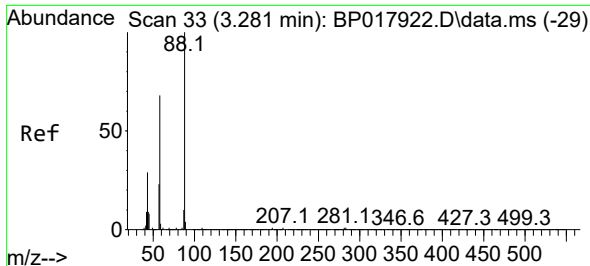
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	263998	19.113	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.687	216	140201	19.007	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	60512	15.404	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	91291	19.576	ng/ul	96
42) 2,4,5-Trichlorophenol	13.028	196	92033	19.165	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	346586	19.957	ng/ul#	98
44) 2-Chloronaphthalene	13.404	162	272223	19.677	ng/ul	99
45) 2-Nitroaniline	13.651	65	87414	21.102	ng/ul	95
47) Dimethylphthalate	13.993	163	356901	19.381	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	69092	18.903	ng/ul	92
50) Acenaphthylene	14.251	152	452616	19.736	ng/ul	99
51) 3-Nitroaniline	14.487	138	65399	18.995	ng/ul	88
52) Acenaphthene	14.587	153	298267	19.624	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	33392	15.521	ng/ul#	74
55) 4-Nitrophenol	14.787	109	70762	18.997	ng/ul	95
56) Dibenzofuran	14.928	168	411397	19.595	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	104835	19.193	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.151	232	81638	18.243	ng/ul#	89
59) Diethylphthalate	15.345	149	376170	19.605	ng/ul	99
61) Fluorene	15.581	166	341409	19.205	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	170664	18.551	ng/ul	96
63) 4-Nitroaniline	15.663	138	66816	20.514	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.687	198	63134	17.699	ng/ul#	89
67) N-Nitrosodiphenylamine	15.798	169	282766	19.677	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	99050	18.016	ng/ul#	90
69) Hexachlorobenzene	16.557	284	110552	17.518	ng/ul#	89
70) Atrazine	16.757	200	103296	18.821	ng/ul	99
71) Pentachlorophenol	16.928	266	66223	17.276	ng/ul	94
72) Phenanthrene	17.339	178	541441	19.722	ng/ul	100
74) Anthracene	17.434	178	548079	19.640	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	141422	19.327	ng/ul	99
76) Pentachlorobenzene	14.816	250	134159	18.373	ng/ul	96
77) Carbazole	17.728	167	475751	19.119	ng/ul	98
78) Di-n-butylphthalate	18.234	149	628219	20.289	ng/ul	99
80) Fluoranthene	19.316	202	630825	19.563	ng/ul	98
82) Pyrene	19.675	202	664876	19.768	ng/ul	99
83) Butylbenzylphthalate	20.539	149	295297	19.956	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	204350	18.781	ng/ul	98
85) Benzo(a)anthracene	21.398	228	660517	19.705	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	418599	19.535	ng/ul	99
87) Chrysene	21.457	228	623395	20.055	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	724880	18.204	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	647703	19.904	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	622849	19.087	ng/ul	99
93) Benzo(a)pyrene	23.792	252	596338	19.713	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.533	276	704084	19.541	ng/ul	99
95) Dibenzo(a,h)anthracene	26.557	278	583622	19.472	ng/ul	98
96) Benzo(g,h,i)perylene	27.362	276	561979	19.592	ng/ul	98

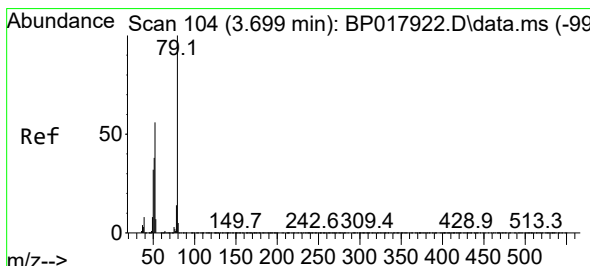
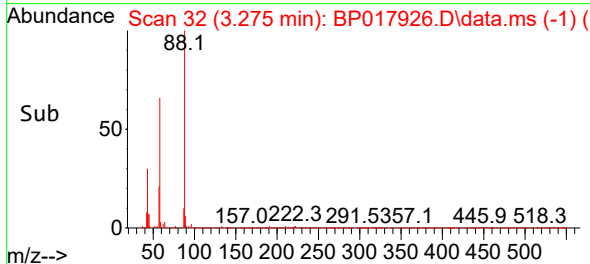
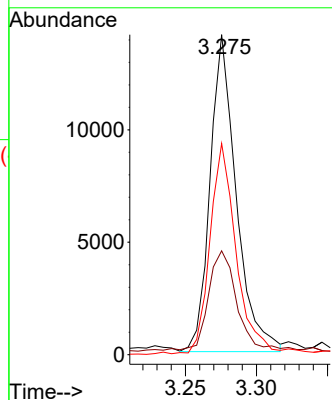
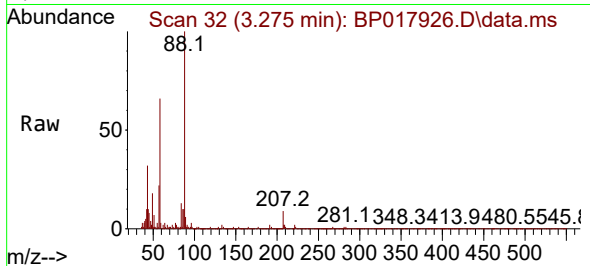
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#2
1,4-Dioxane
Concen: 7.780 ng/uL
RT: 3.275 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP017926.D
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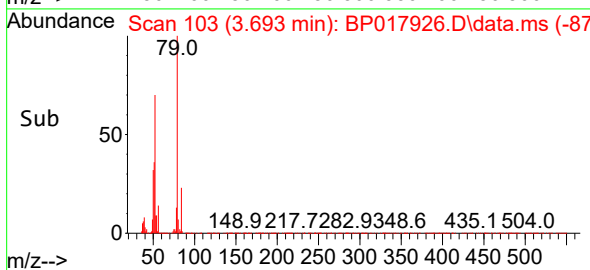
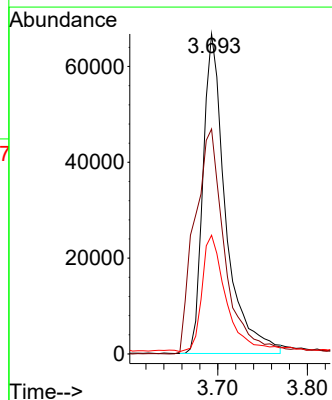
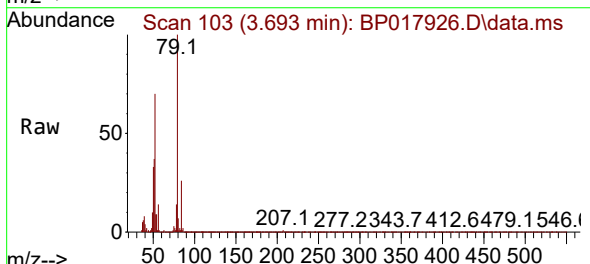
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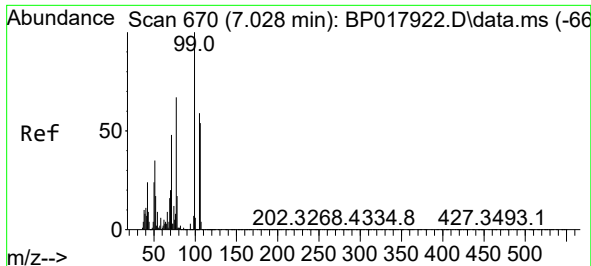
Tgt Ion: 88 Resp: 18079
Ion Ratio Lower Upper
88 100
43 32.4 26.2 39.4
58 66.0 55.6 83.4



#5
Pyridine
Concen: 19.079 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion: 79 Resp: 117159
Ion Ratio Lower Upper
79 100
52 70.3 51.0 76.6
51 37.1 29.8 44.8

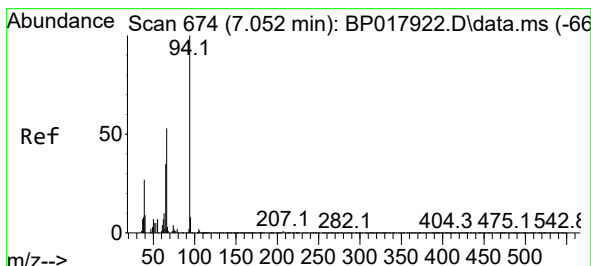
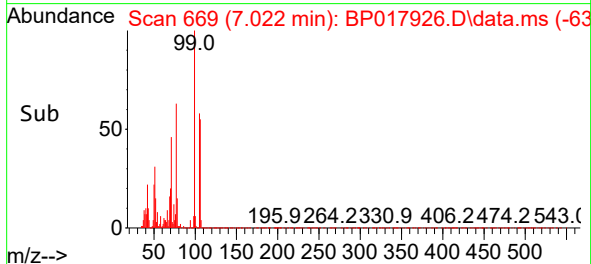
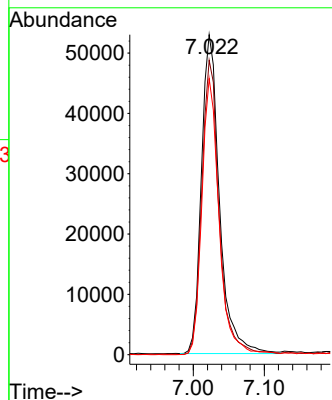
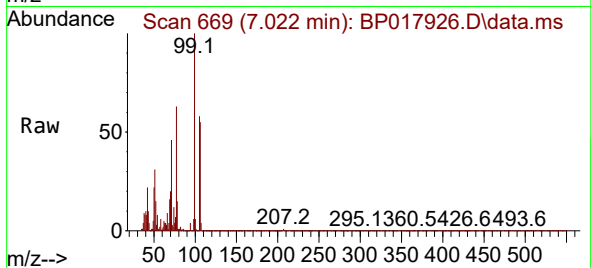




#6
Benzaldehyde
Concen: 22.091 ng/ul
RT: 7.022 min Scan# 609
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

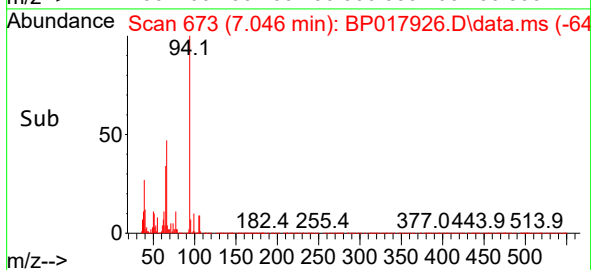
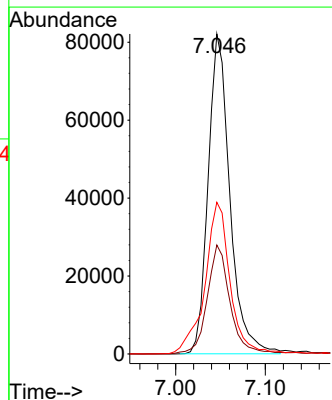
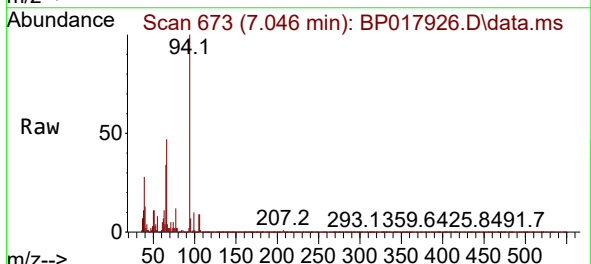
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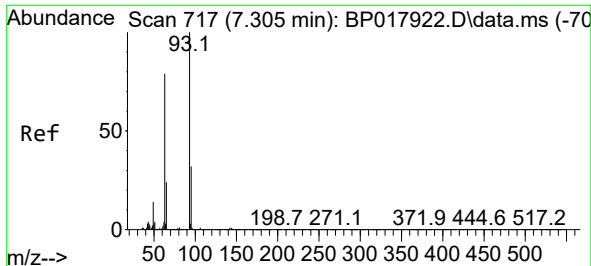
Tgt Ion: 77 Resp: 93851
Ion Ratio Lower Upper
77 100
105 92.0 69.0 103.6
106 86.3 66.2 99.4



#8
Phenol
Concen: 18.331 ng/ul
RT: 7.046 min Scan# 673
Delta R.T. -0.012 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion: 94 Resp: 137731
Ion Ratio Lower Upper
94 100
65 34.1 27.7 41.5
66 47.4 41.7 62.5

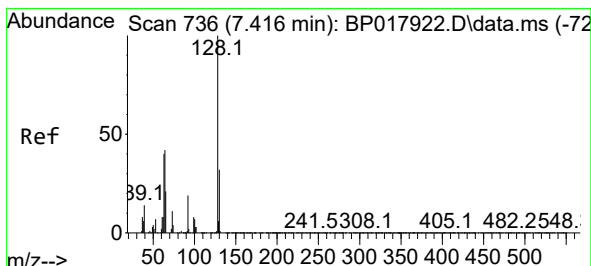
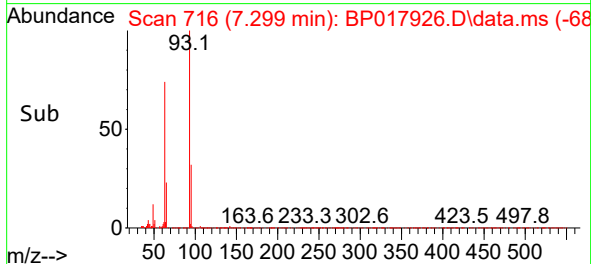
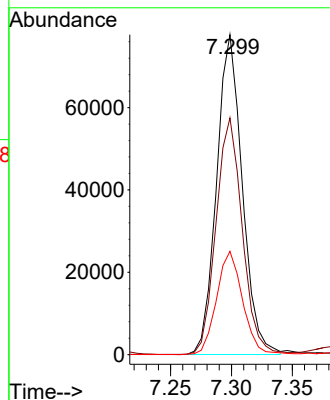
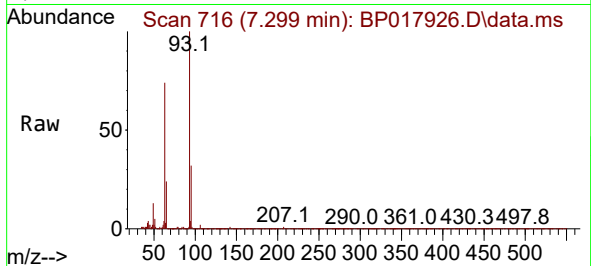




#10
Bis(2-Chloroethyl)ether
Concen: 18.956 ng/ul
RT: 7.299 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

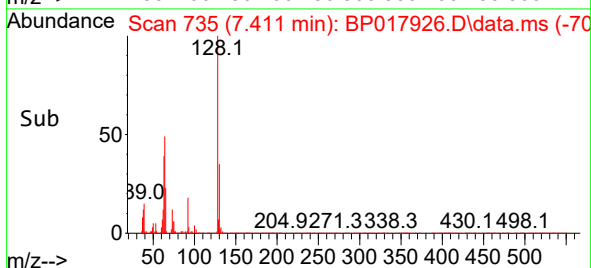
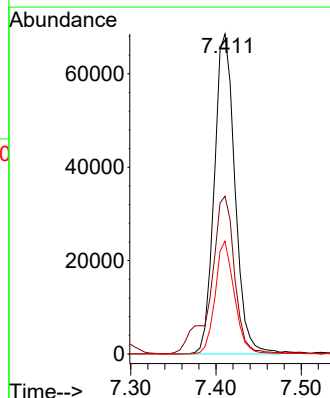
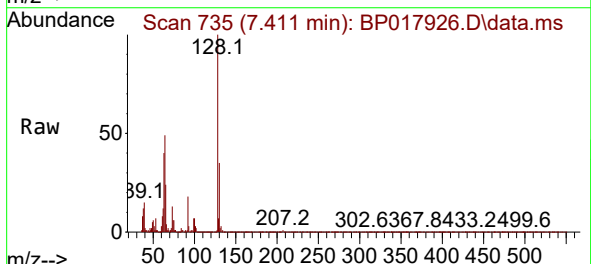
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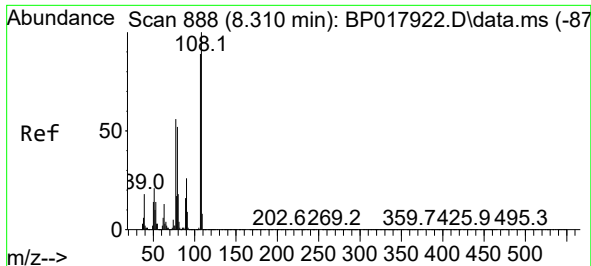
Tgt Ion: 93 Resp: 114070
Ion Ratio Lower Upper
93 100
63 74.0 57.2 85.8
95 32.3 26.2 39.4



#12
2-Chlorophenol
Concen: 19.821 ng/ul
RT: 7.411 min Scan# 735
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:128 Resp: 115528
Ion Ratio Lower Upper
128 100
64 49.3 39.8 59.6
130 35.3 25.8 38.8

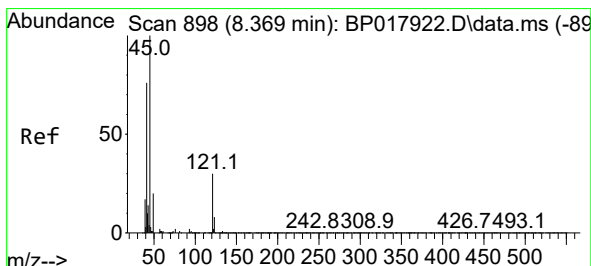
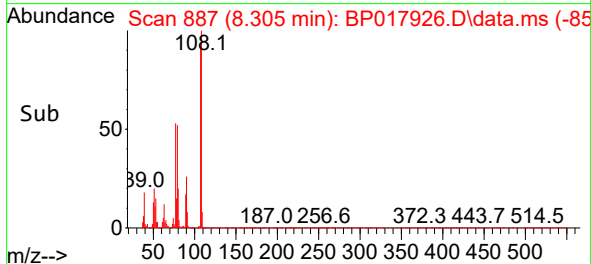
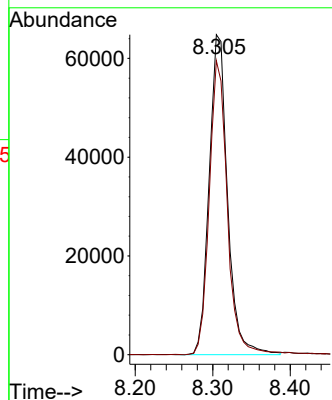
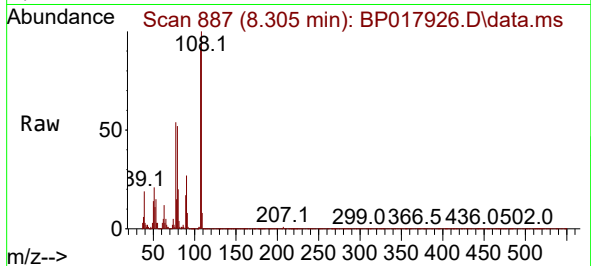




#13
2-Methylphenol
Concen: 18.530 ng/ul
RT: 8.305 min Scan# 887
Delta R.T. -0.012 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

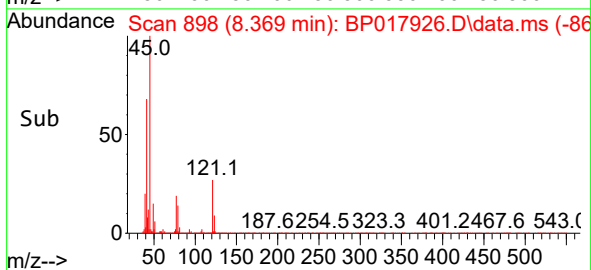
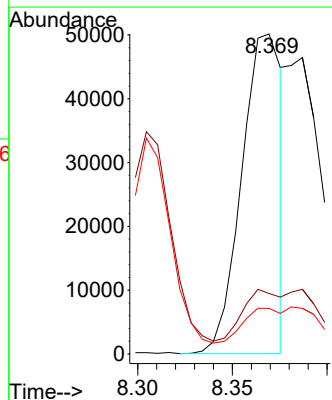
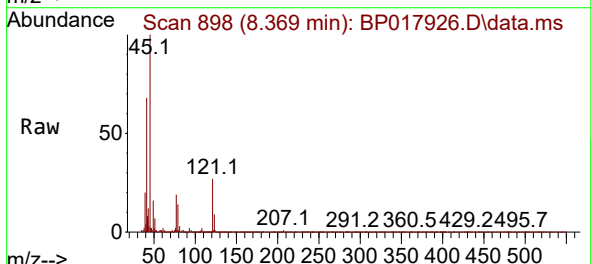
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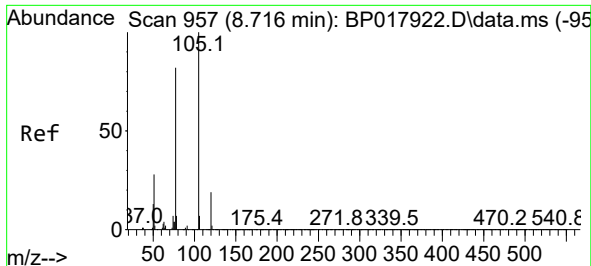
Tgt Ion:108 Resp: 107038
Ion Ratio Lower Upper
108 100
107 91.8 70.7 106.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.650 ng/ul
RT: 8.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion: 45 Resp: 73782
Ion Ratio Lower Upper
45 100
77 18.9 14.8 22.2
79 14.2 11.2 16.8

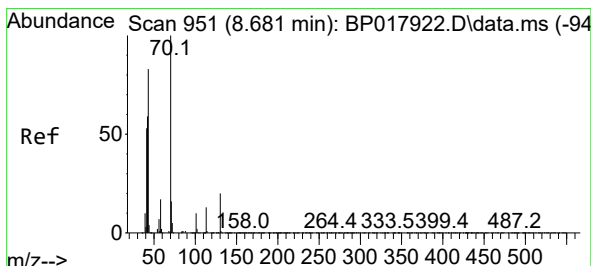
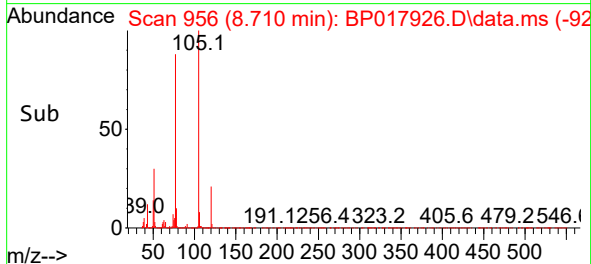
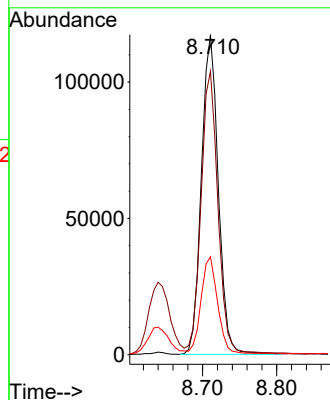
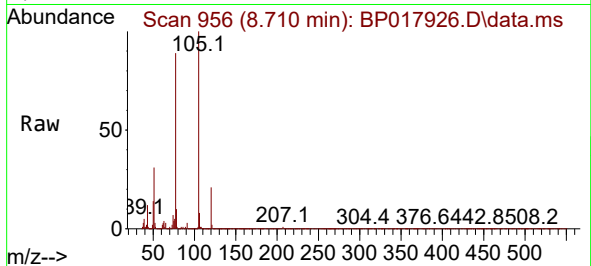




#16
Acetophenone
Concen: 18.349 ng/ul
RT: 8.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

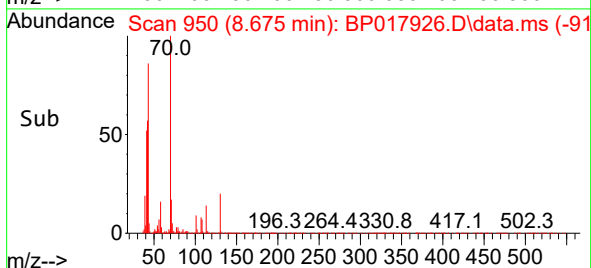
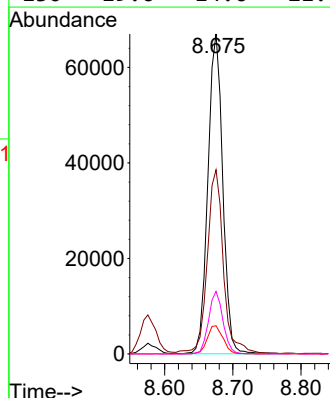
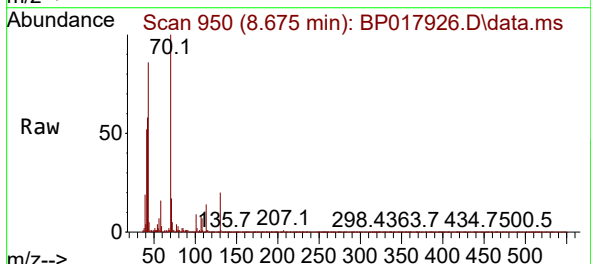
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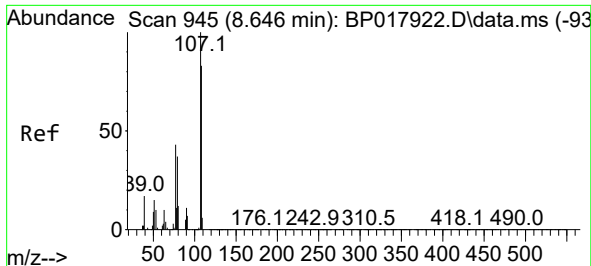
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Ion Ratio Lower Upper
105 100
77 88.6 67.7 101.5
51 30.6 23.4 35.2



#17
N-Nitroso-di-n-propylamine
Concen: 19.156 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion: 70 Resp: 101570
Ion Ratio Lower Upper
70 100
42 57.6 45.7 68.5
101 8.8 7.9 11.9
130 19.6 14.6 21.8





#18

4-Methylphenol

Concen: 18.663 ng/ul

RT: 8.640 min Scan# 945

Delta R.T. -0.012 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

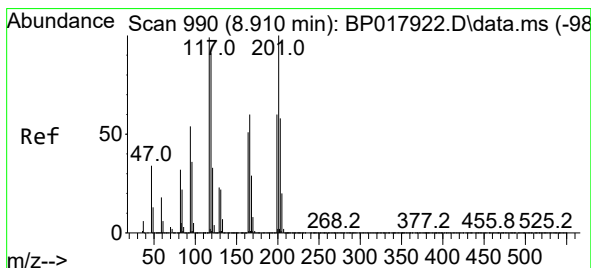
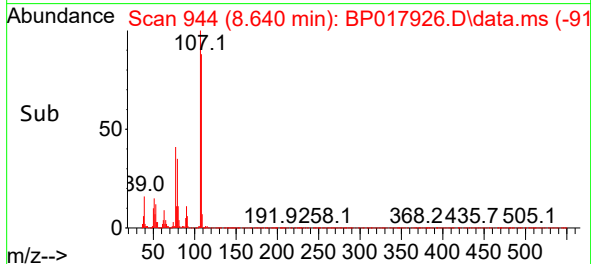
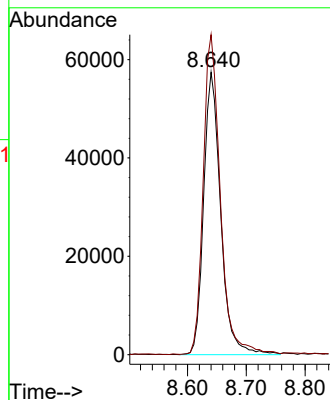
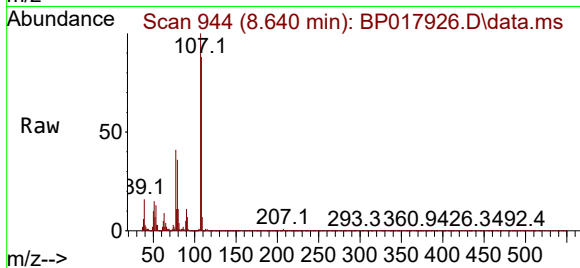
SSTD020658

Tgt Ion:108 Resp: 115971

Ion Ratio Lower Upper

108 100

107 113.3 87.2 130.8



#19

Hexachloroethane

Concen: 18.889 ng/ul

RT: 8.910 min Scan# 990

Delta R.T. -0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

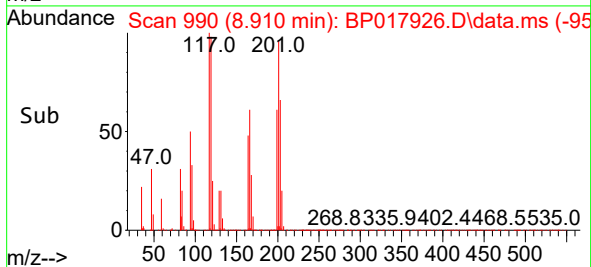
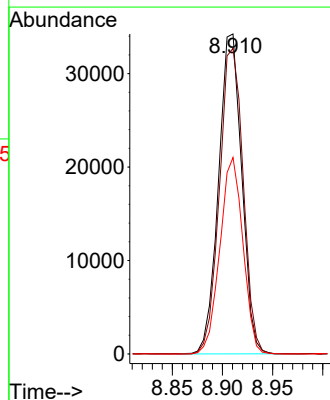
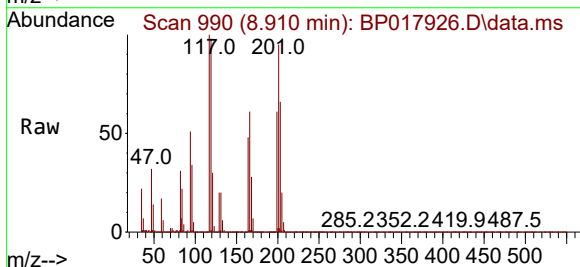
Tgt Ion:117 Resp: 54997

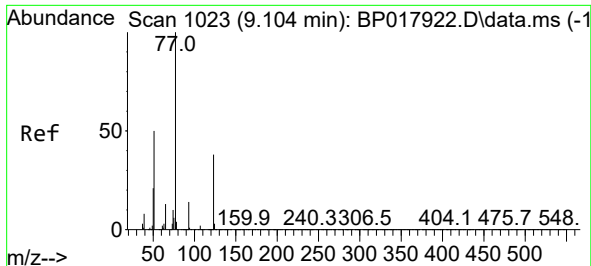
Ion Ratio Lower Upper

117 100

201 95.5 79.6 119.4

199 61.4 51.4 77.0

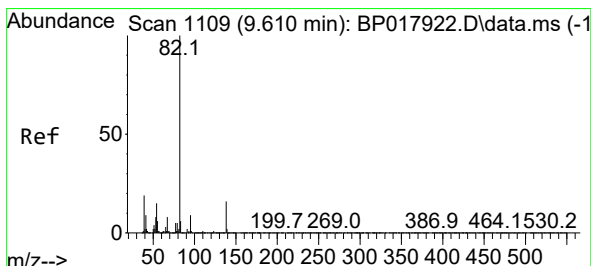
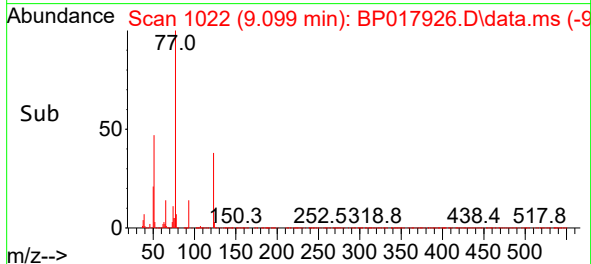
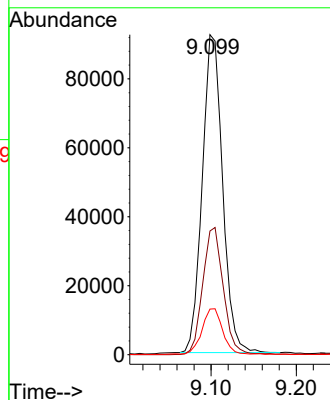
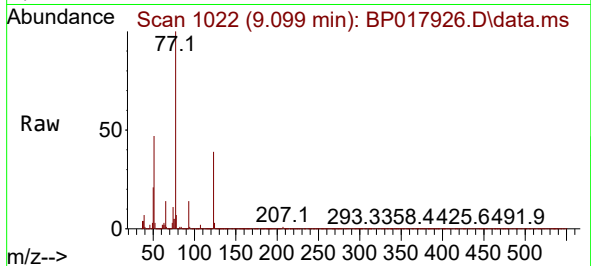




#22
Nitrobenzene
Concen: 20.800 ng/ul
RT: 9.099 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

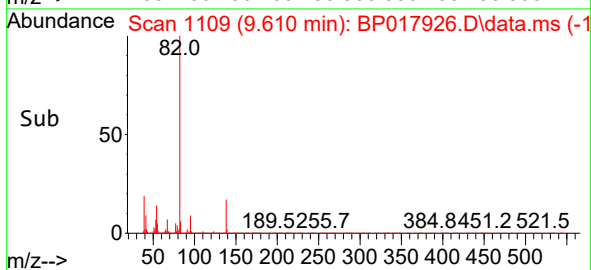
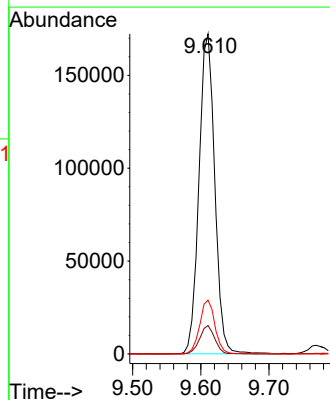
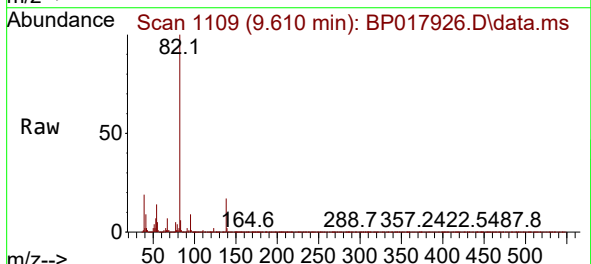
Instrument :
BNA_P
ClientSampleId :
SSTD020658

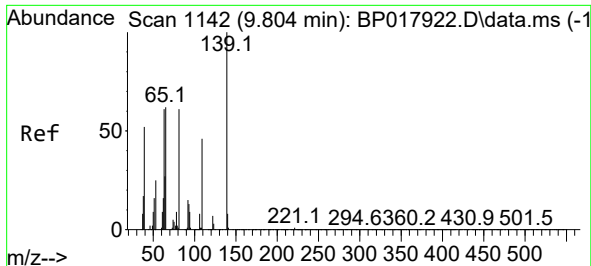
Tgt Ion: 77 Resp: 153051
Ion Ratio Lower Upper
77 100
123 38.7 31.2 46.8
65 14.2 11.5 17.3



#23
Isophorone
Concen: 20.676 ng/ul
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion: 82 Resp: 276668
Ion Ratio Lower Upper
82 100
95 8.9 7.2 10.8
138 16.8 13.4 20.2

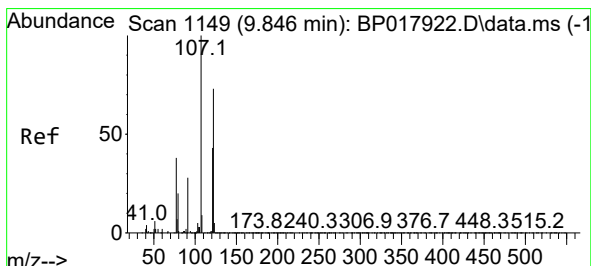
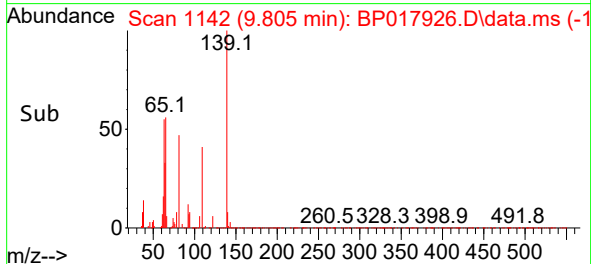
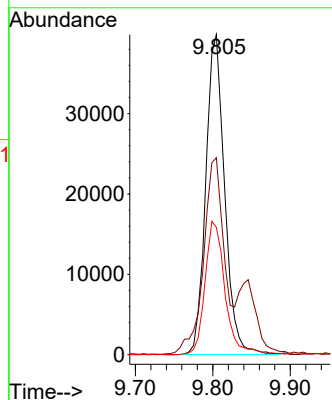
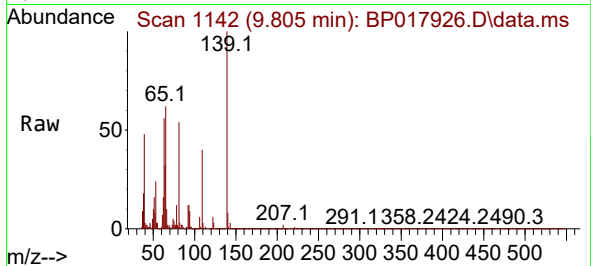




#25
2-Nitrophenol
Concen: 20.902 ng/ul
RT: 9.805 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

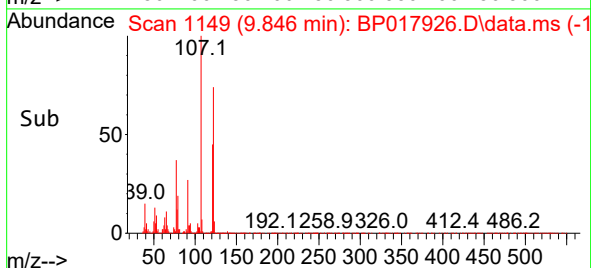
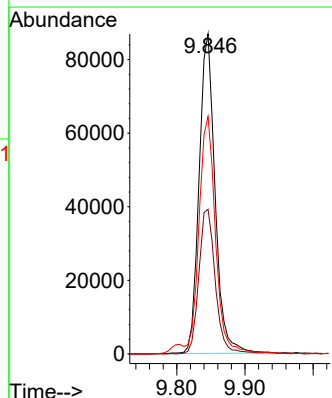
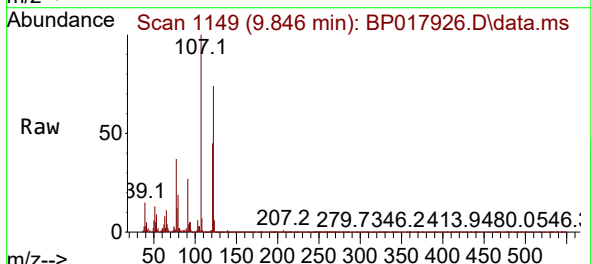
Instrument :
BNA_P
ClientSampleId :
SSTD020658

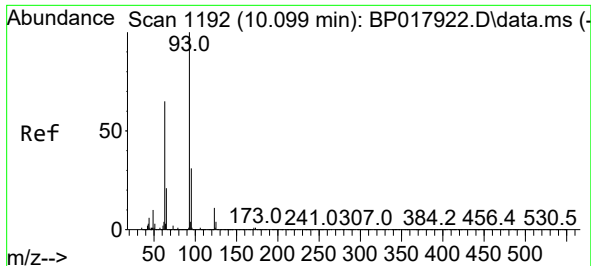
Tgt Ion:139 Resp: 67218
Ion Ratio Lower Upper
139 100
65 61.6 49.0 73.6
109 39.8 32.8 49.2



#26
2,4-Dimethylphenol
Concen: 20.806 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:107 Resp: 141311
Ion Ratio Lower Upper
107 100
121 45.3 37.8 56.8
122 74.2 61.9 92.9

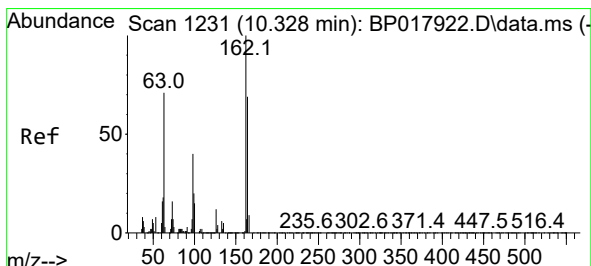
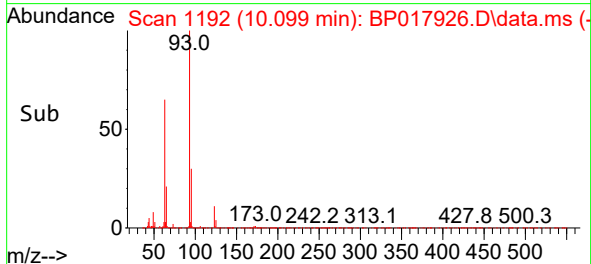
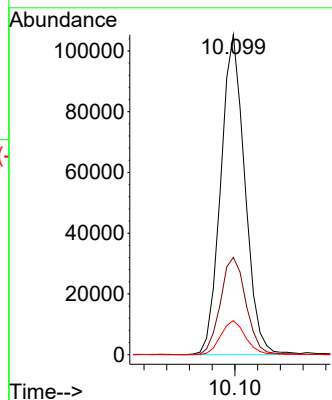
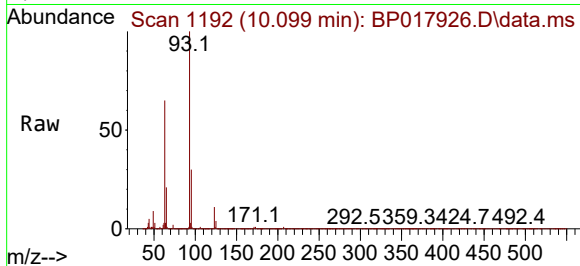




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.052 ng/ul
 RT: 10.099 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: BP017926.D
 Acq: 07 Nov 2023 16:00

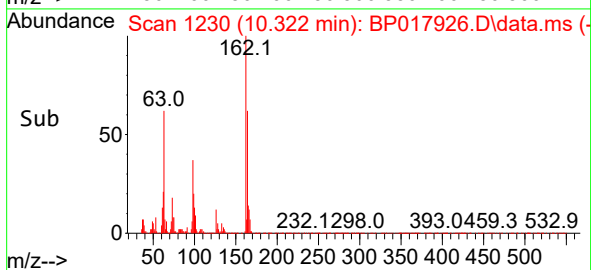
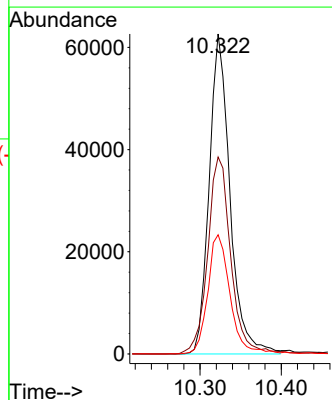
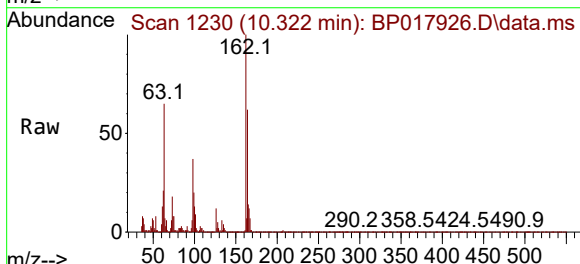
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020658

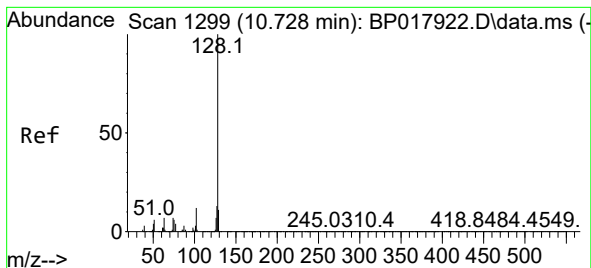
Tgt Ion: 93 Resp: 154961
 Ion Ratio Lower Upper
 93 100
 95 30.4 26.2 39.4
 123 10.6 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 20.213 ng/ul
 RT: 10.322 min Scan# 1230
 Delta R.T. -0.006 min
 Lab File: BP017926.D
 Acq: 07 Nov 2023 16:00

Tgt Ion: 162 Resp: 111360
 Ion Ratio Lower Upper
 162 100
 164 61.5 49.4 74.2
 98 37.2 27.6 41.4

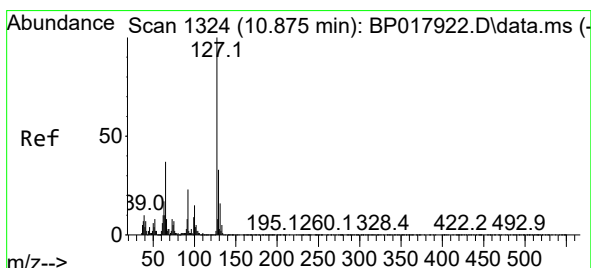
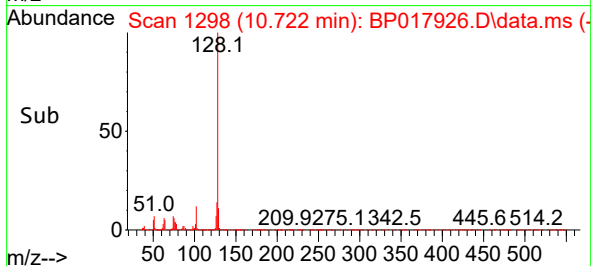
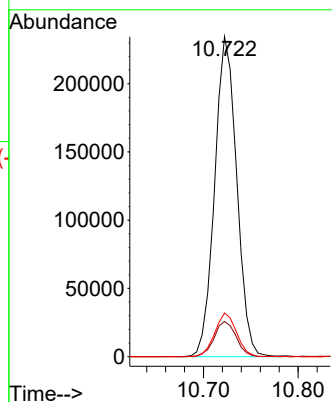
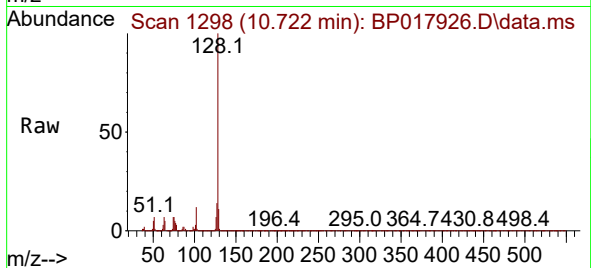




#30
Naphthalene
Concen: 19.360 ng/ul
RT: 10.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

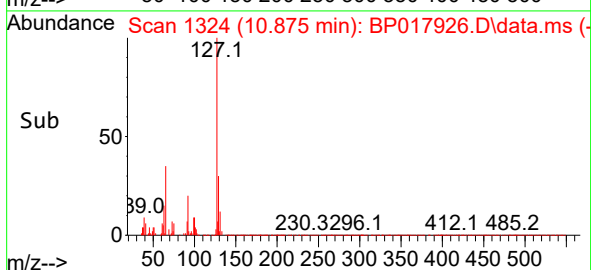
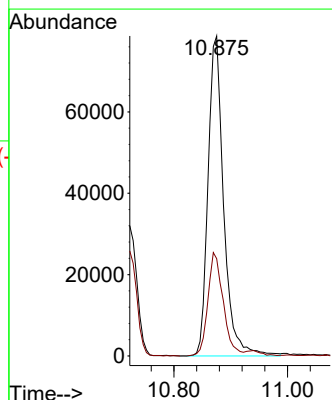
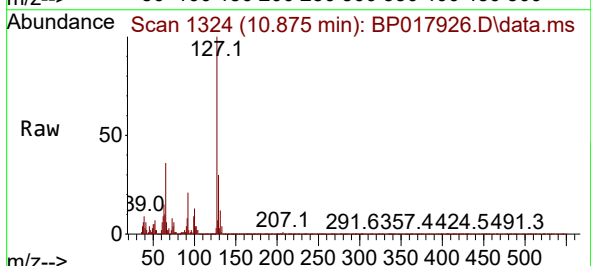
Instrument :
BNA_P
ClientSampleId :
SSTD020658

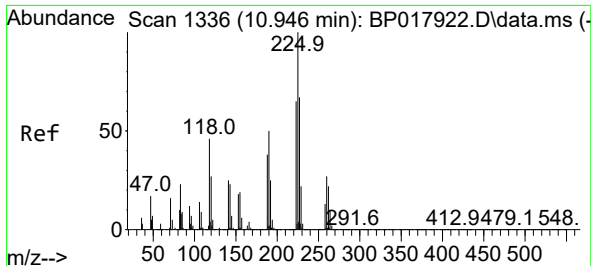
Tgt Ion:128 Resp: 379359
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.7 10.6 15.8



#32
4-Chloroaniline
Concen: 18.882 ng/ul
RT: 10.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:127 Resp: 149707
Ion Ratio Lower Upper
127 100
129 30.4 26.2 39.2

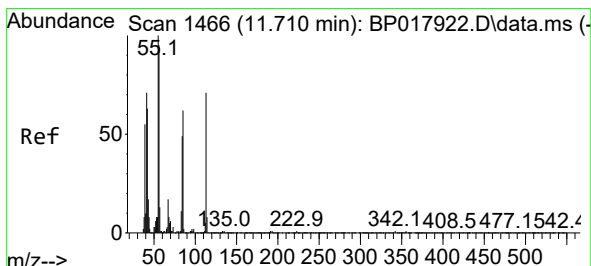
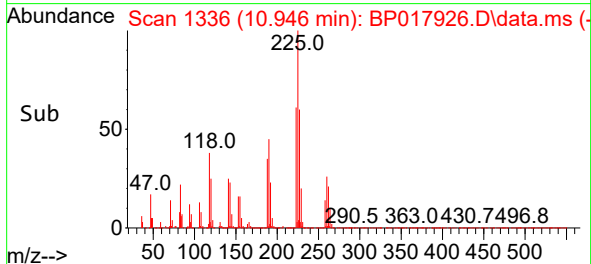
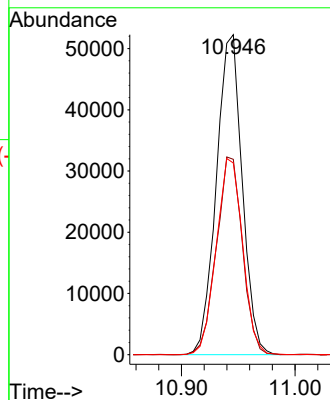
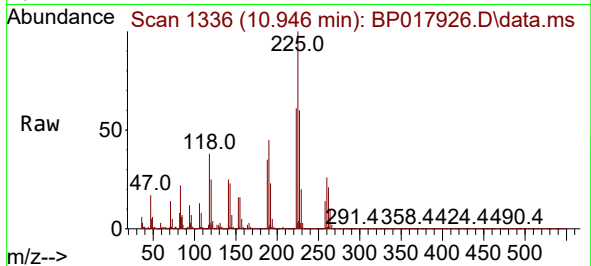




#33
Hexachlorobutadiene
Concen: 18.063 ng/ul
RT: 10.946 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

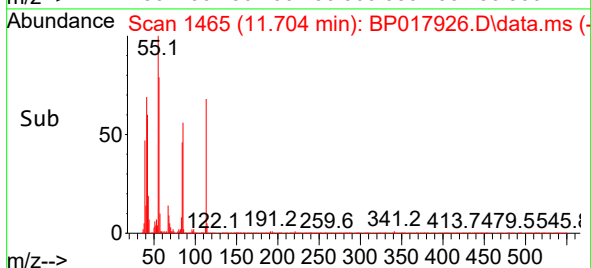
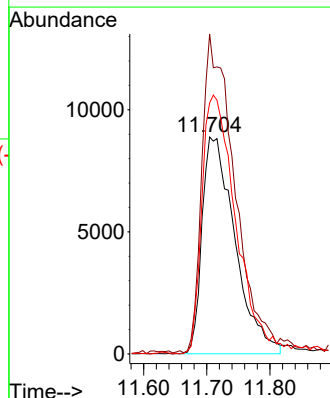
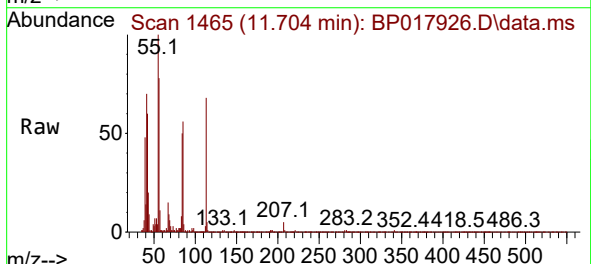
Instrument :
BNA_P
ClientSampleId :
SSTD020658

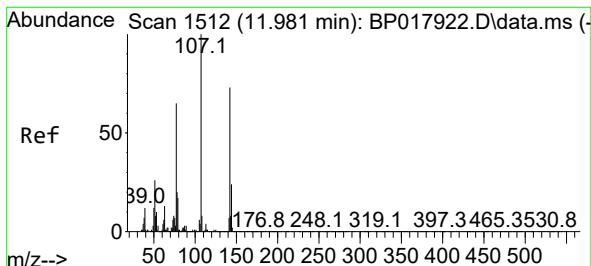
Tgt Ion:225 Resp: 82798
Ion Ratio Lower Upper
225 100
223 61.0 47.7 71.5
227 59.9 50.8 76.2



#34
Caprolactam
Concen: 18.339 ng/ul
RT: 11.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:113 Resp: 32200
Ion Ratio Lower Upper
113 100
55 147.5 114.1 171.1
56 115.7 91.7 137.5

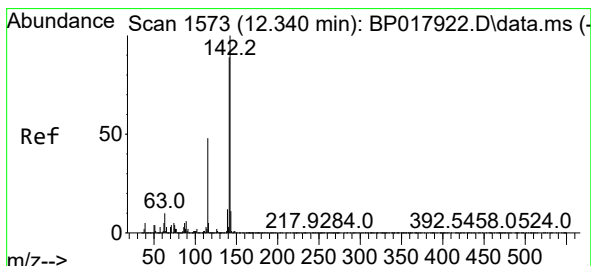
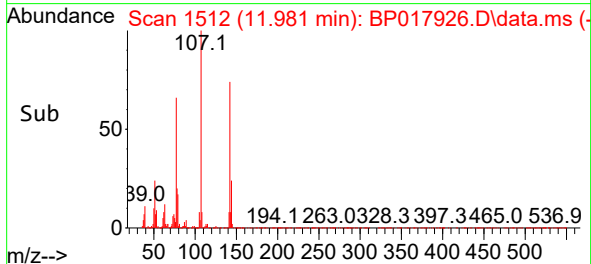
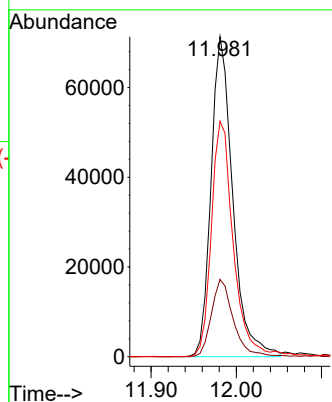
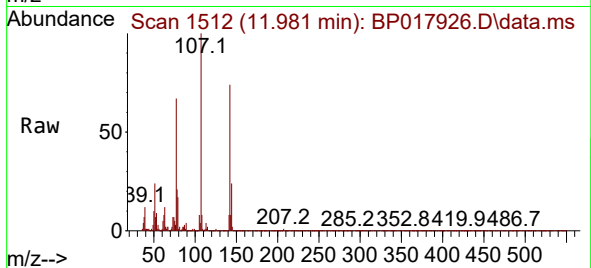




#35
4-Chloro-3-methylphenol
Concen: 19.845 ng/ul
RT: 11.981 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

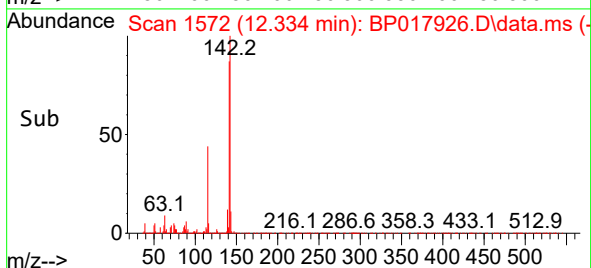
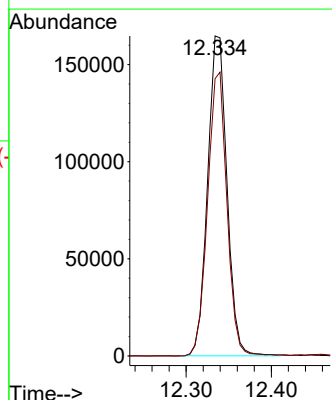
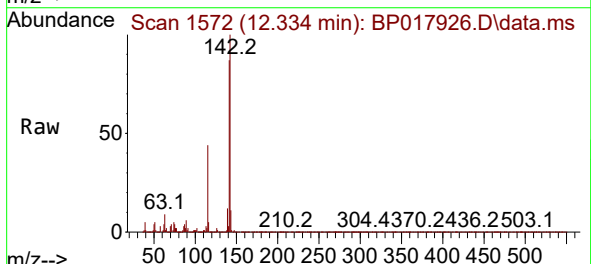
Instrument :
BNA_P
ClientSampleId :
SSTD020658

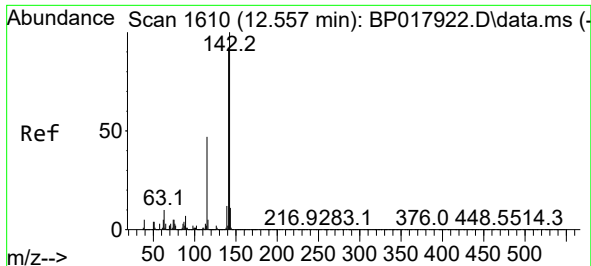
Tgt Ion:107 Resp: 126573
Ion Ratio Lower Upper
107 100
144 24.1 20.8 31.2
142 73.6 62.2 93.2



#36
2-Methylnaphthalene
Concen: 19.474 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:142 Resp: 260373
Ion Ratio Lower Upper
142 100
141 86.7 70.9 106.3





#37

1-Methylnaphthalene

Concen: 19.113 ng/ul

RT: 12.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

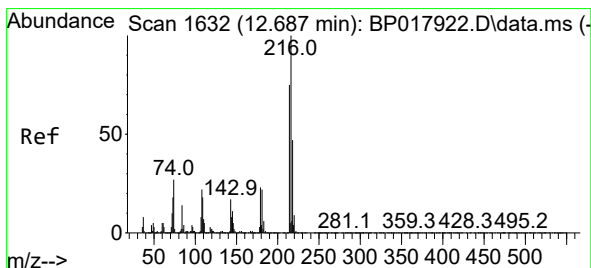
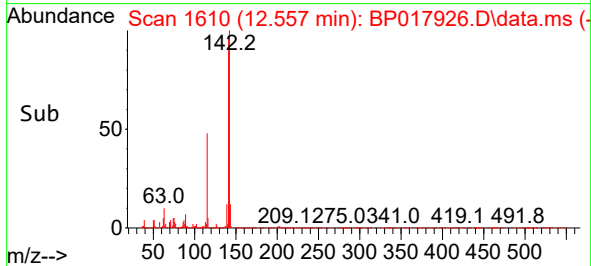
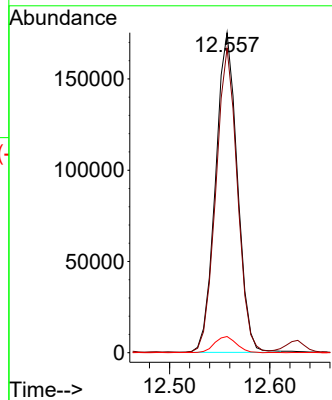
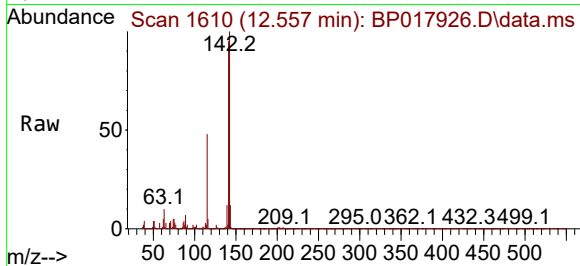
Tgt Ion:142 Resp: 263998

Ion Ratio Lower Upper

142 100

141 95.1 74.3 111.5

116 5.1 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.007 ng/ul

RT: 12.687 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Tgt Ion:216 Resp: 140201

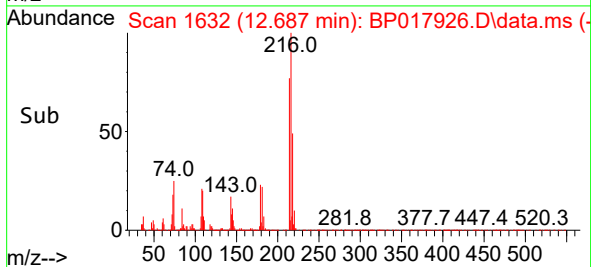
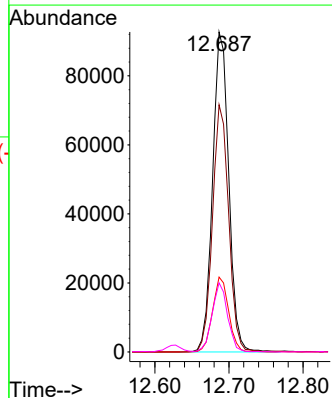
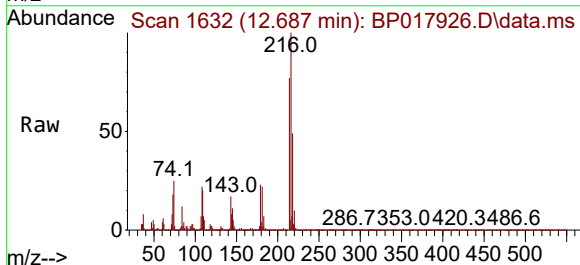
Ion Ratio Lower Upper

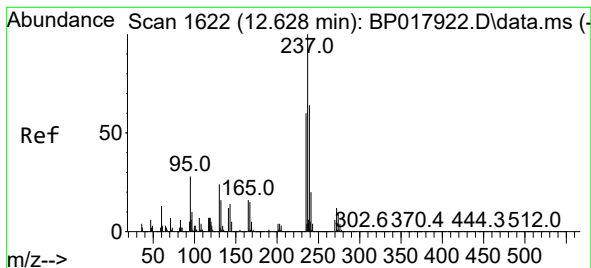
216 100

214 77.2 63.4 95.2

179 23.4 18.9 28.3

108 21.6 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 15.404 ng/ul

RT: 12.628 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

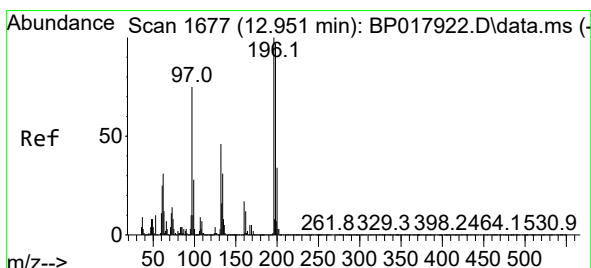
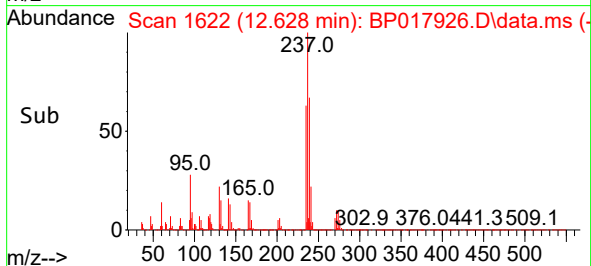
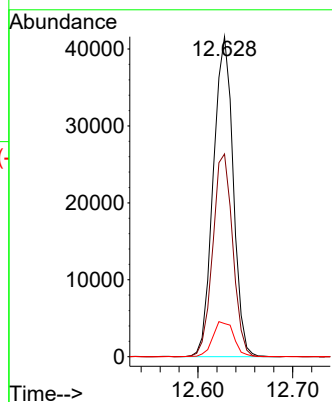
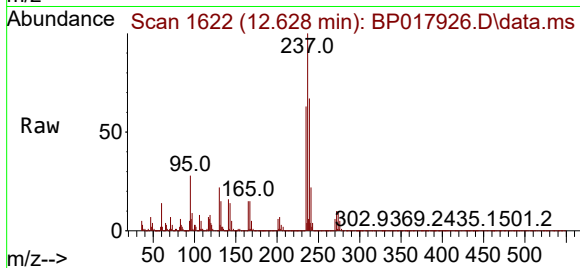
Tgt Ion:237 Resp: 60512

Ion Ratio Lower Upper

237 100

235 63.4 51.3 76.9

272 10.4 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 19.576 ng/ul

RT: 12.951 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

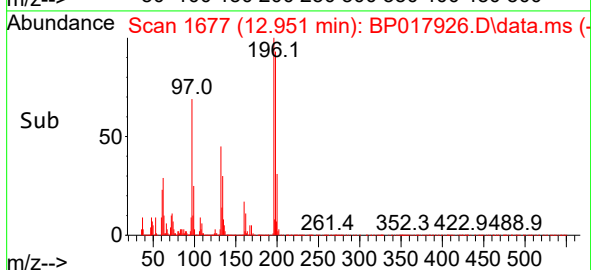
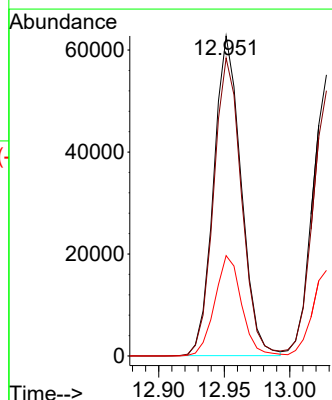
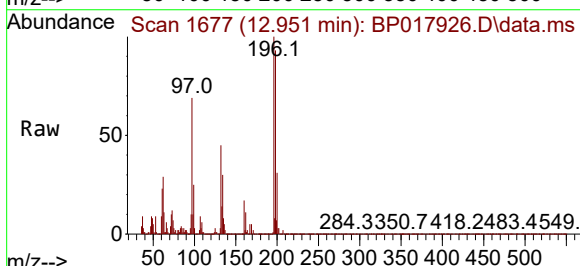
Tgt Ion:196 Resp: 91291

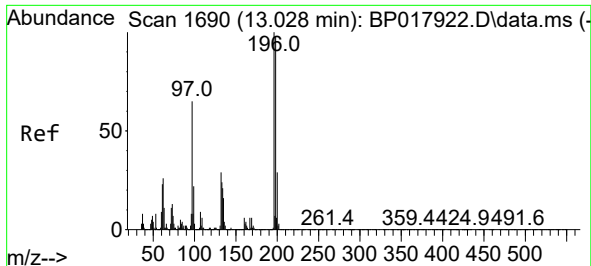
Ion Ratio Lower Upper

196 100

198 93.1 78.5 117.7

200 31.3 24.1 36.1

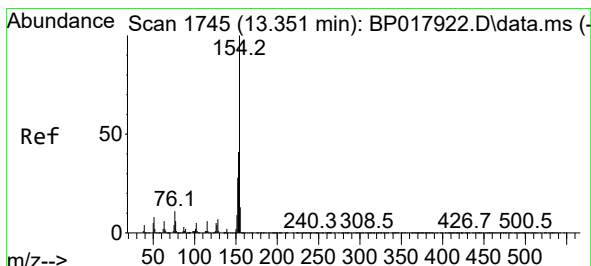
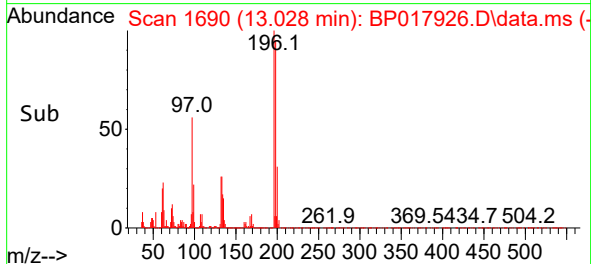
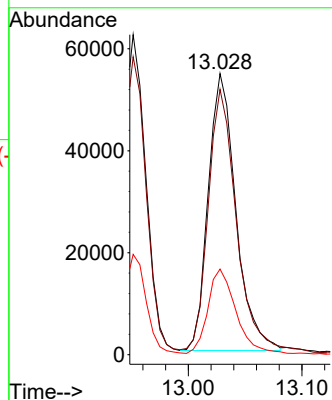
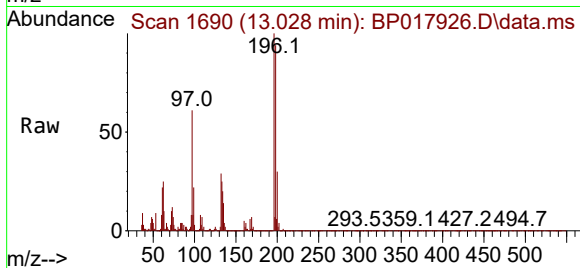




#42
2,4,5-Trichlorophenol
Concen: 19.165 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

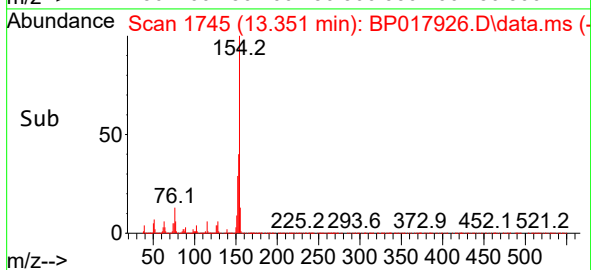
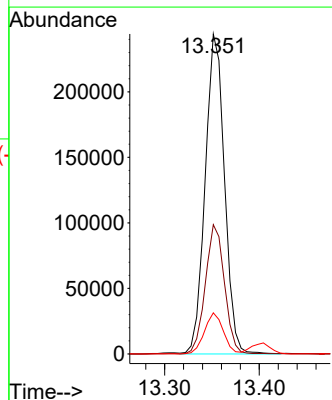
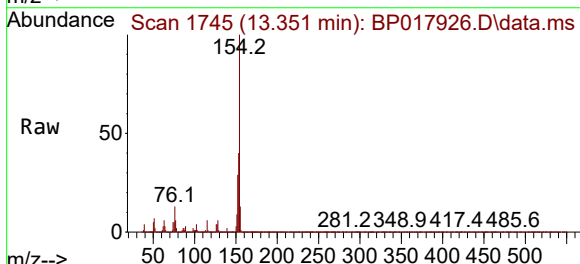
Instrument :
BNA_P
ClientSampleId :
SSTD020658

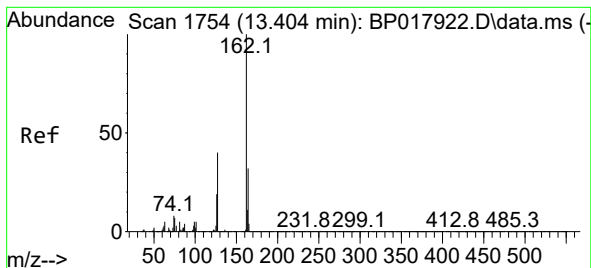
Tgt Ion:196 Resp: 92033
Ion Ratio Lower Upper
196 100
198 94.4 78.5 117.7
200 30.5 25.3 37.9



#43
1,1'-Biphenyl
Concen: 19.957 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:154 Resp: 346586
Ion Ratio Lower Upper
154 100
153 40.4 31.8 47.8
76 12.8 8.5 12.7#

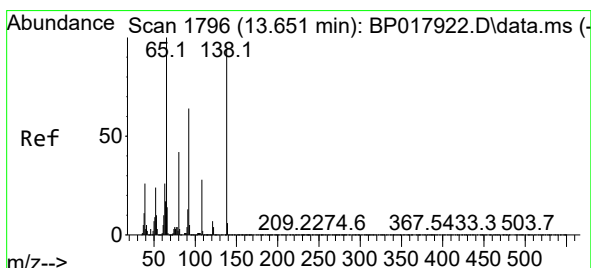
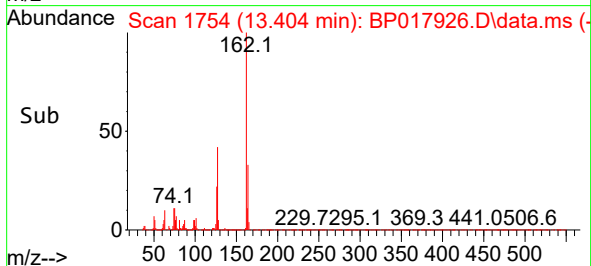
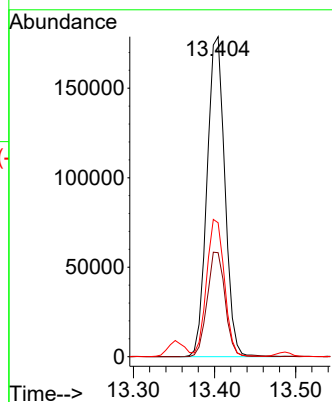
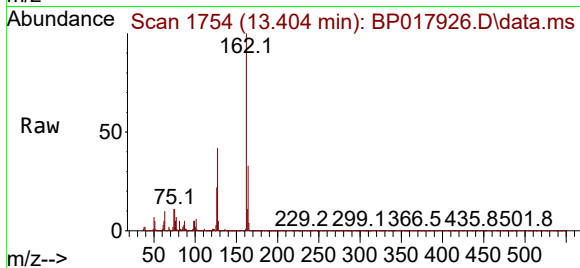




#44
2-Chloronaphthalene
Concen: 19.677 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

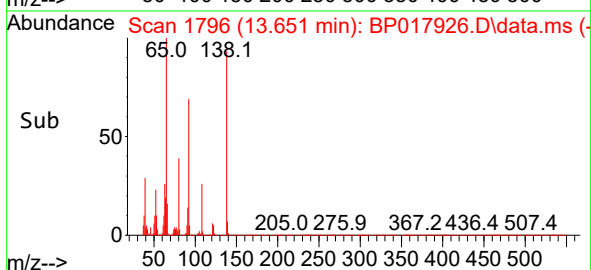
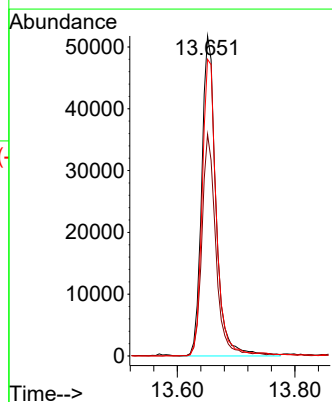
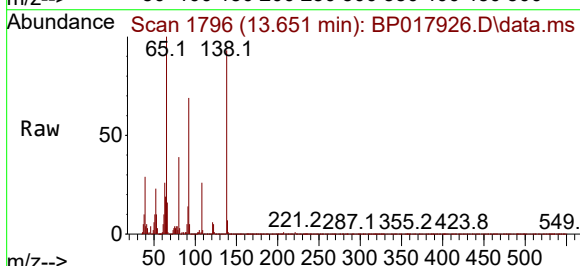
Instrument :
BNA_P
ClientSampleId :
SSTD020658

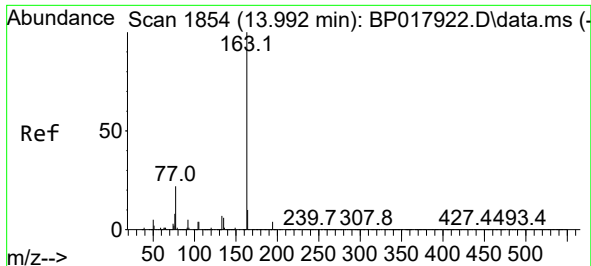
Tgt Ion:162 Resp: 272223
Ion Ratio Lower Upper
162 100
164 32.5 26.7 40.1
127 41.8 33.0 49.6



#45
2-Nitroaniline
Concen: 21.102 ng/ul
RT: 13.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion: 65 Resp: 87414
Ion Ratio Lower Upper
65 100
92 69.3 53.9 80.9
138 92.7 79.1 118.7

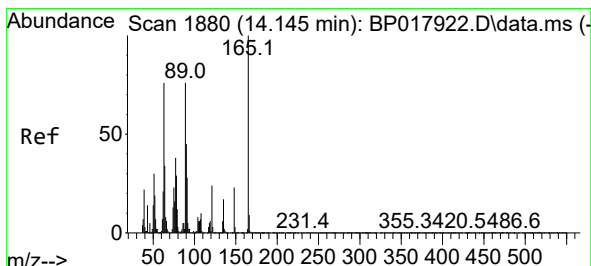
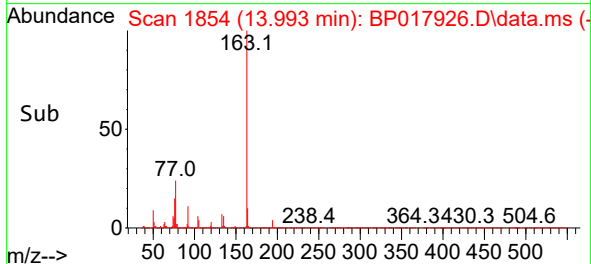
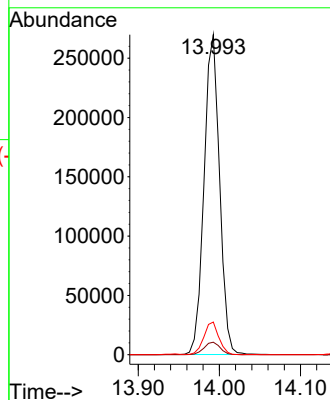
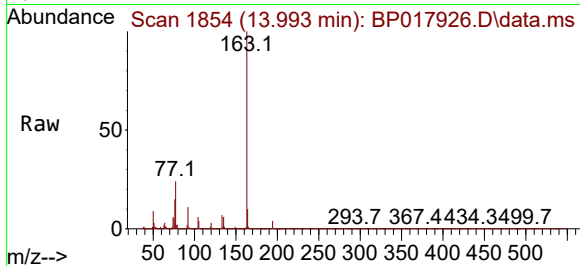




#47
Dimethylphthalate
Concen: 19.381 ng/ul
RT: 13.993 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

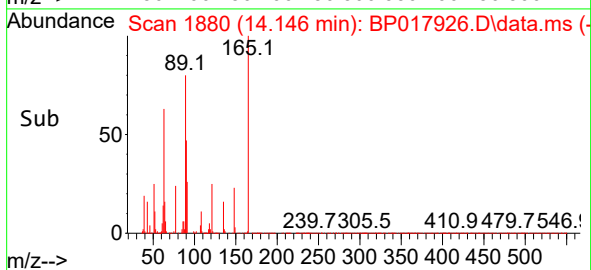
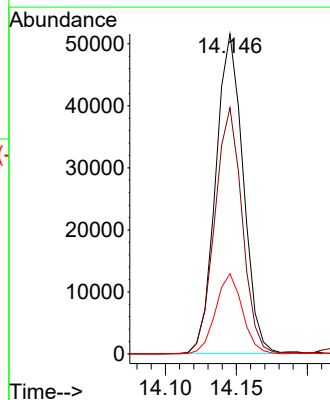
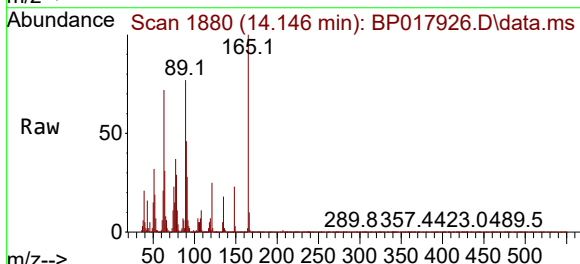
Instrument :
BNA_P
ClientSampleId :
SSTD020658

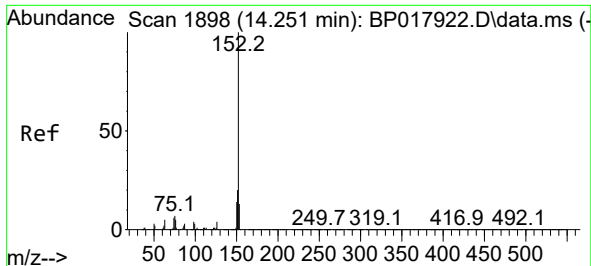
Tgt Ion:163 Resp: 356901
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 18.903 ng/ul
RT: 14.146 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:165 Resp: 69092
Ion Ratio Lower Upper
165 100
89 76.9 54.9 82.3
121 25.1 19.0 28.6

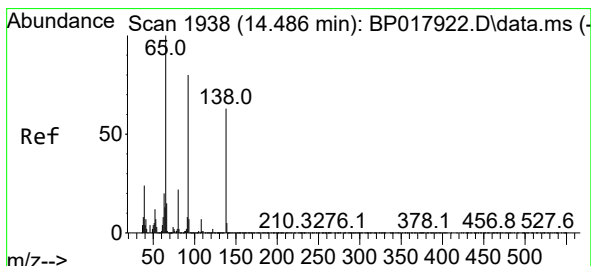
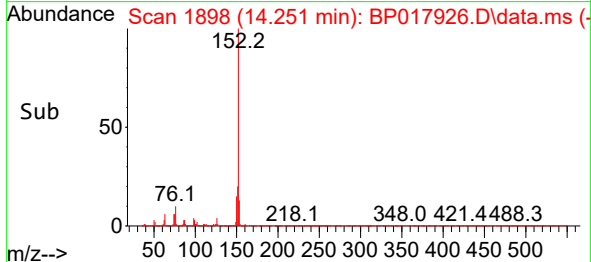
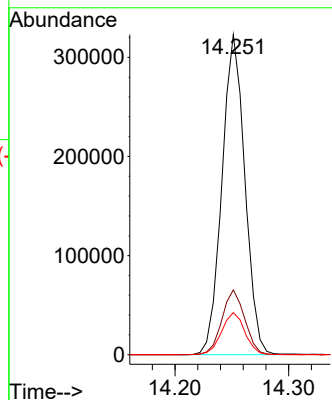
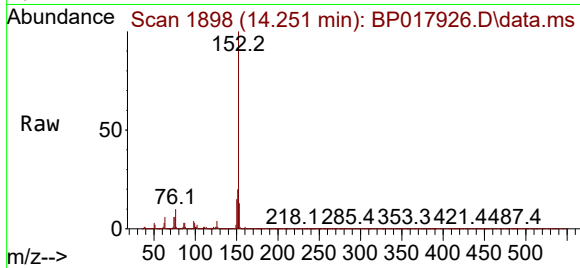




#50
Acenaphthylene
Concen: 19.736 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

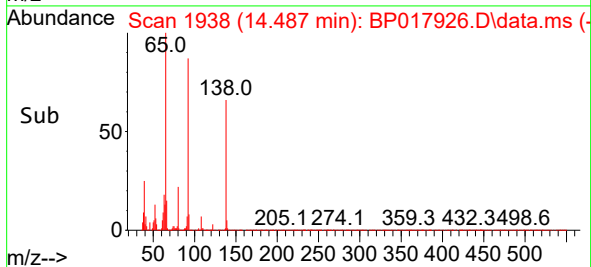
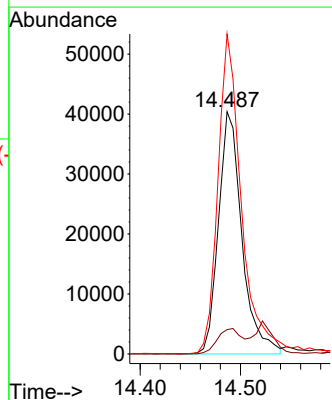
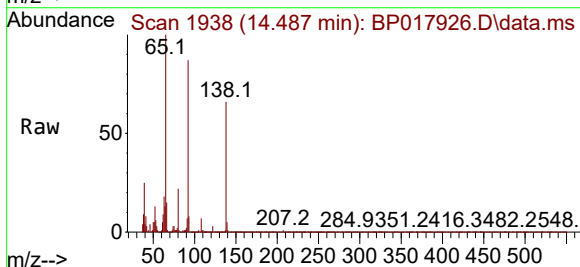
Instrument :
BNA_P
ClientSampleId :
SSTD020658

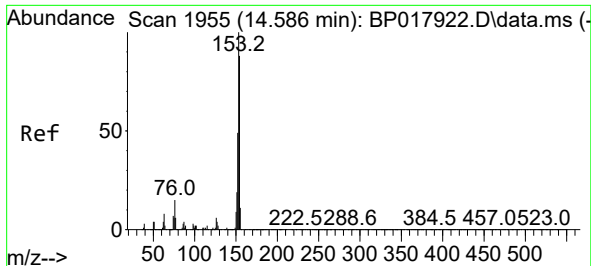
Tgt Ion:152 Resp: 452616
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.1 10.4 15.6



#51
3-Nitroaniline
Concen: 18.995 ng/ul
RT: 14.487 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:138 Resp: 65399
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 132.1 94.2 141.4

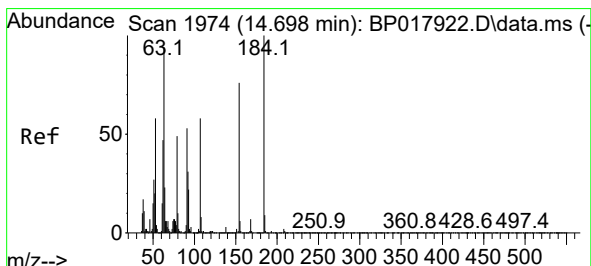
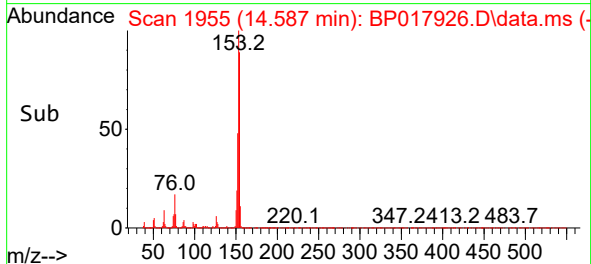
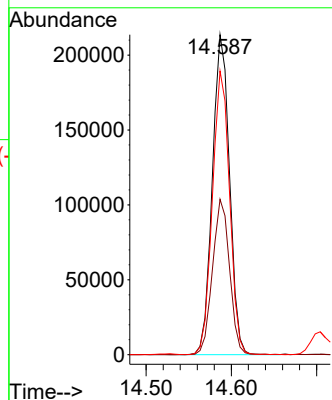
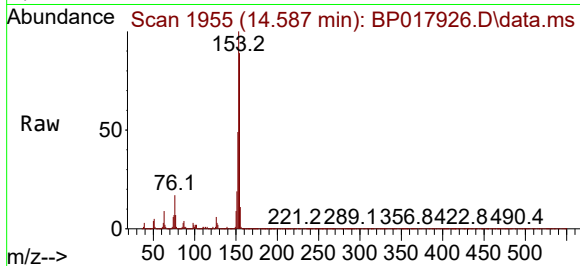




#52
Acenaphthene
Concen: 19.624 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

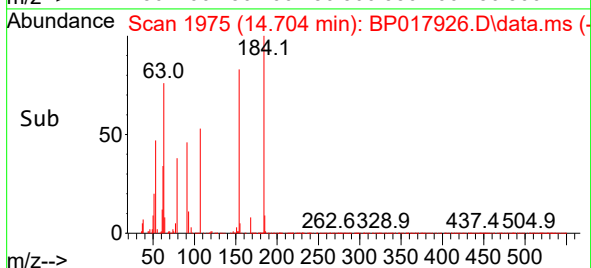
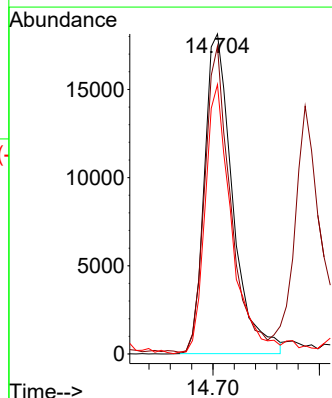
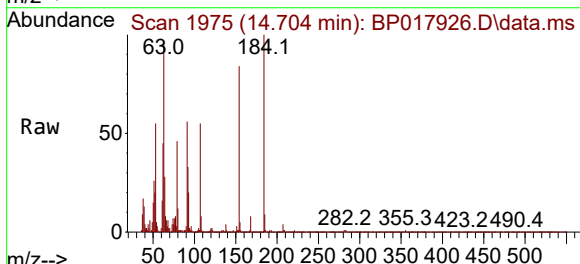
Instrument :
BNA_P
ClientSampleId :
SSTD020658

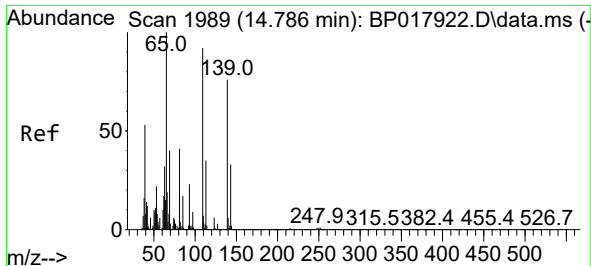
Tgt Ion:153 Resp: 298267
Ion Ratio Lower Upper
153 100
152 48.6 37.7 56.5
154 88.7 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 15.521 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:184 Resp: 33392
Ion Ratio Lower Upper
184 100
63 96.2 54.5 81.7#
154 84.2 56.4 84.6

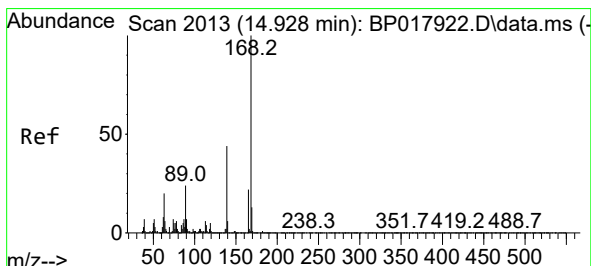
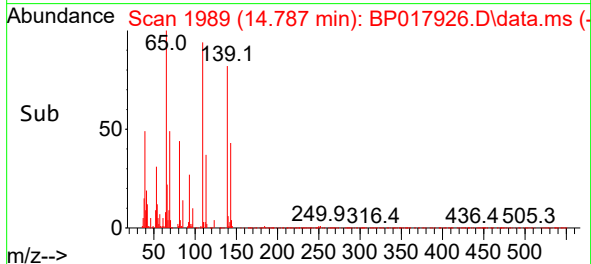
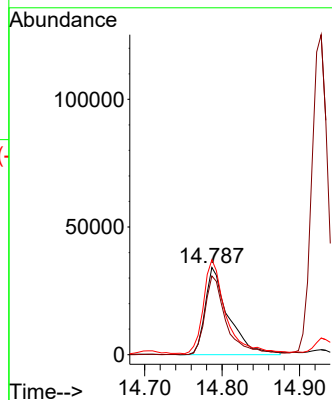
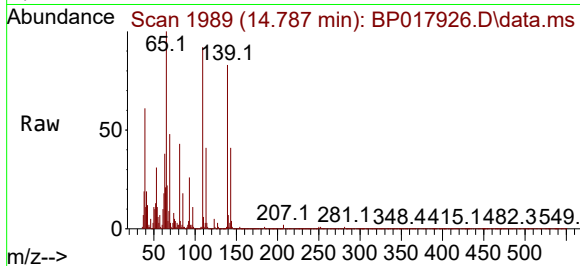




#55
4-Nitrophenol
Concen: 18.997 ng/ul
RT: 14.787 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

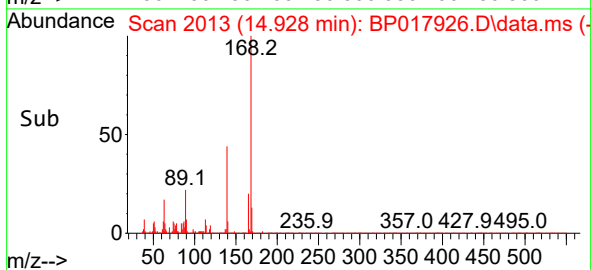
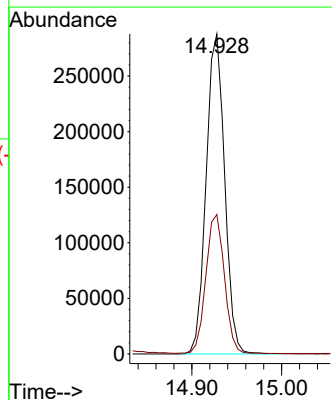
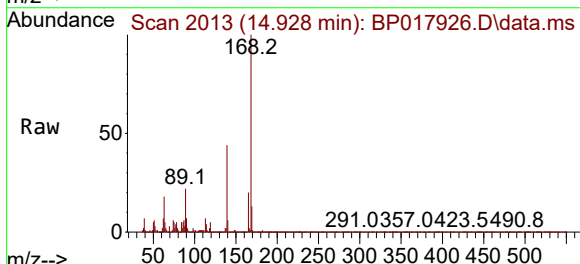
Instrument :
BNA_P
ClientSampleId :
SSTD020658

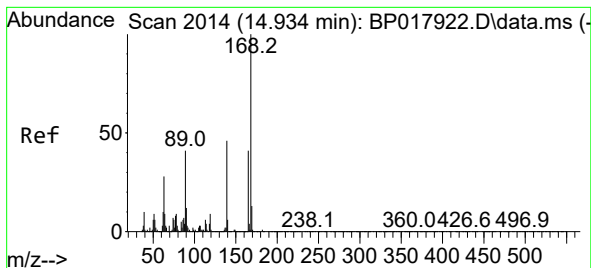
Tgt Ion:109 Resp: 70762
Ion Ratio Lower Upper
109 100
139 90.2 79.6 119.4
65 108.8 87.8 131.8



#56
Dibenzofuran
Concen: 19.595 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:168 Resp: 411397
Ion Ratio Lower Upper
168 100
139 43.5 33.8 50.6

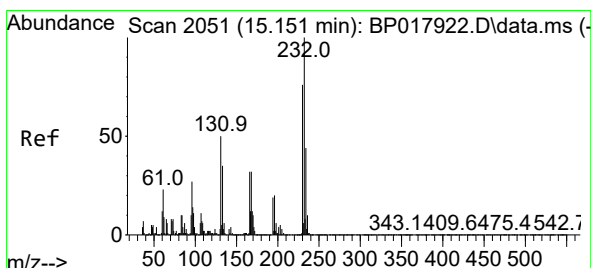
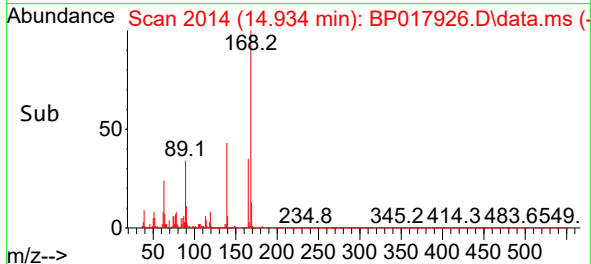
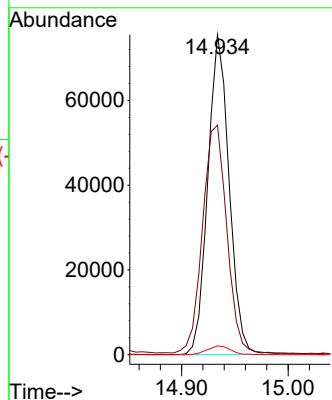
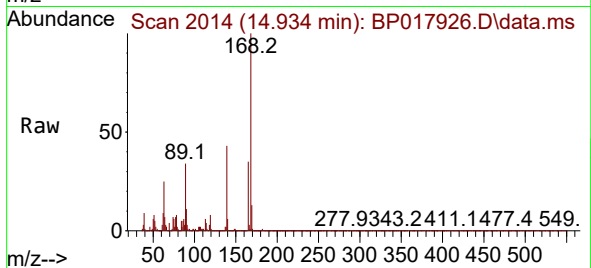




#57
2,4-Dinitrotoluene
Concen: 19.193 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

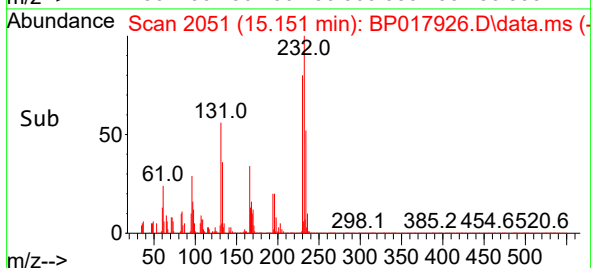
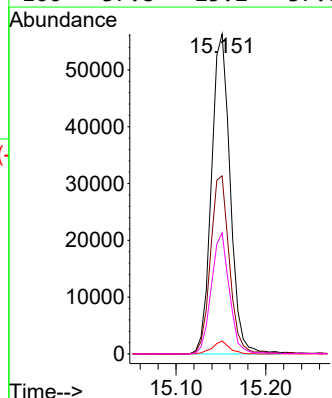
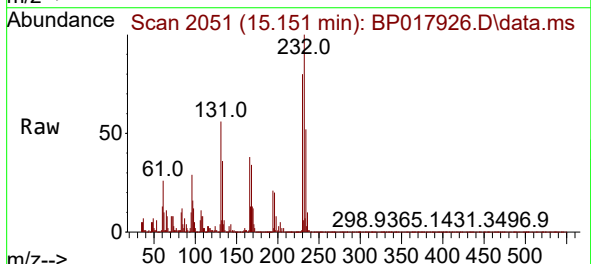
Instrument :
BNA_P
ClientSampleId :
SSTD020658

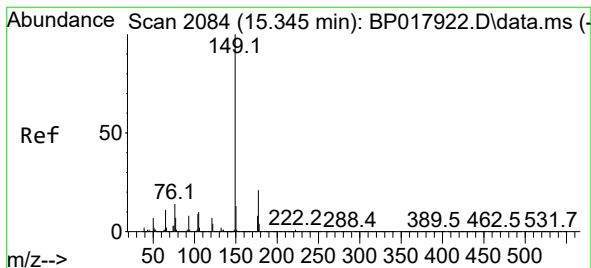
Tgt Ion:165 Resp: 104835
Ion Ratio Lower Upper
165 100
63 71.7 53.3 79.9
182 2.7 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.243 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:232 Resp: 81638
Ion Ratio Lower Upper
232 100
131 55.6 38.3 57.5
130 4.0 2.2 3.4#
166 37.8 25.2 37.8#





#59

Diethylphthalate

Concen: 19.605 ng/ul

RT: 15.345 min Scan# 2084

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

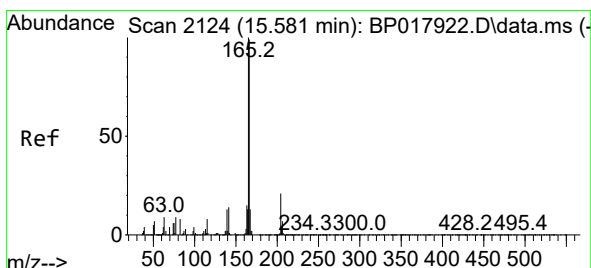
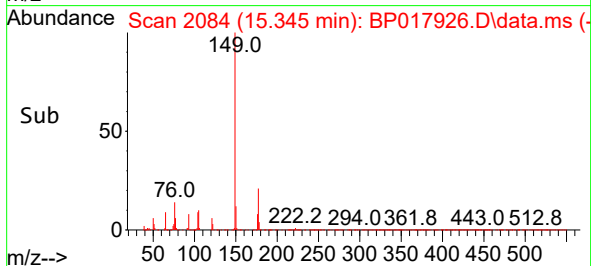
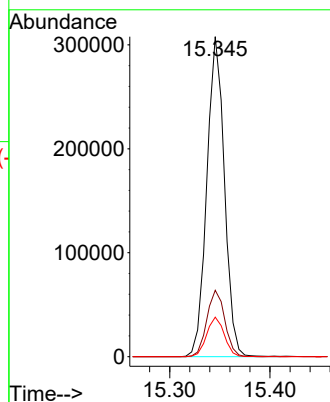
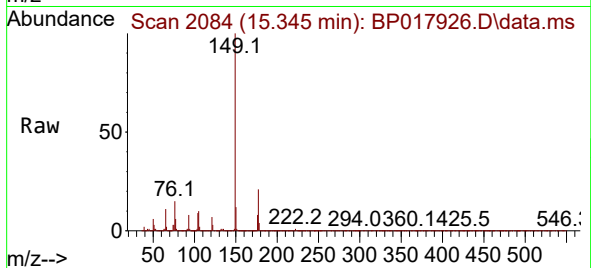
Tgt Ion:149 Resp: 376170

Ion Ratio Lower Upper

149 100

177 20.8 16.4 24.6

150 12.3 9.7 14.5



#61

Fluorene

Concen: 19.205 ng/ul

RT: 15.581 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

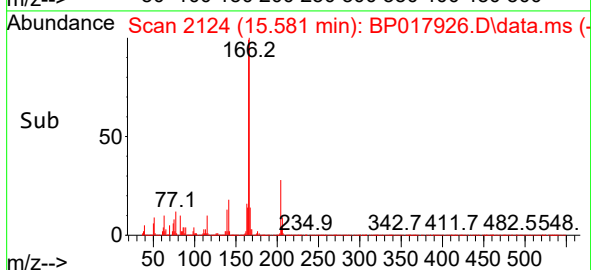
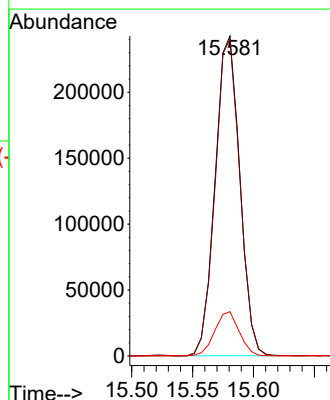
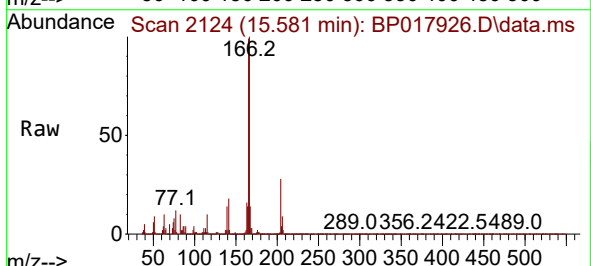
Tgt Ion:166 Resp: 341409

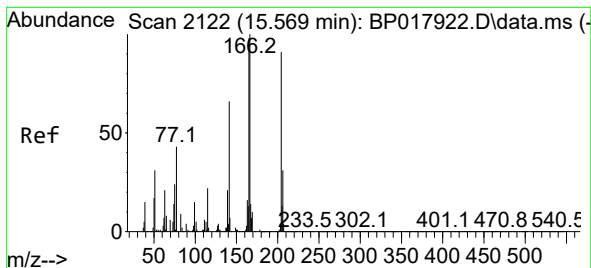
Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.6

167 13.8 10.9 16.3

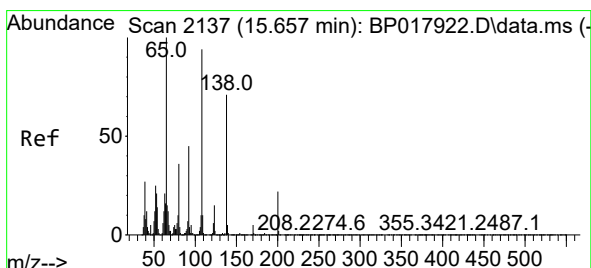
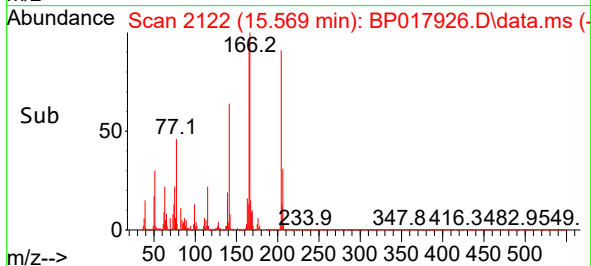
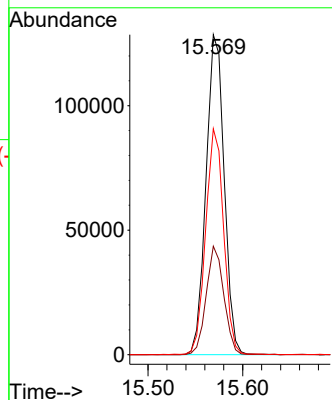
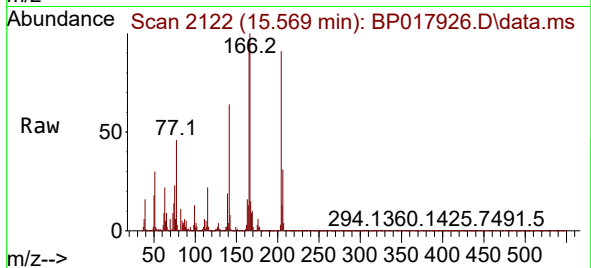




#62
4-Chlorophenyl-phenylether
Concen: 18.551 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

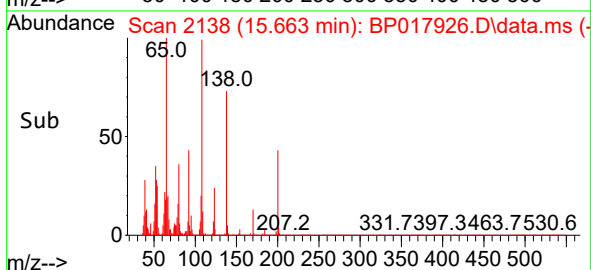
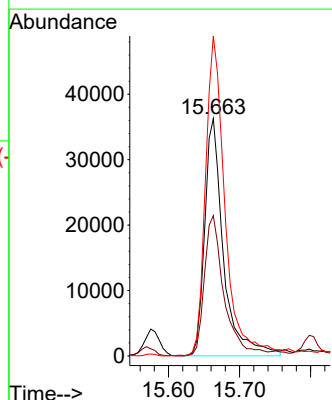
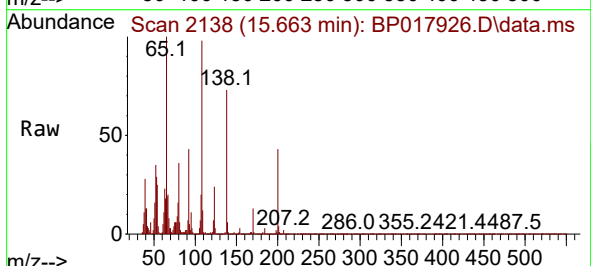
Instrument :
BNA_P
ClientSampleId :
SSTD020658

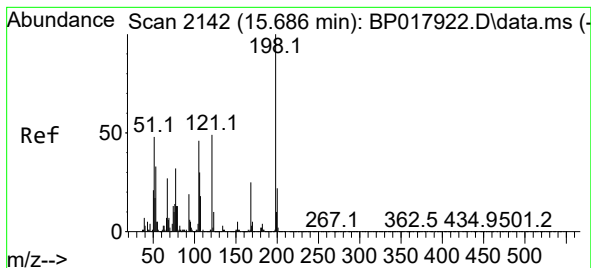
Tgt Ion:204 Resp: 170664
Ion Ratio Lower Upper
204 100
206 33.9 26.0 39.0
141 70.6 53.6 80.4



#63
4-Nitroaniline
Concen: 20.514 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:138 Resp: 66816
Ion Ratio Lower Upper
138 100
92 59.1 45.4 68.2
108 134.8 103.1 154.7

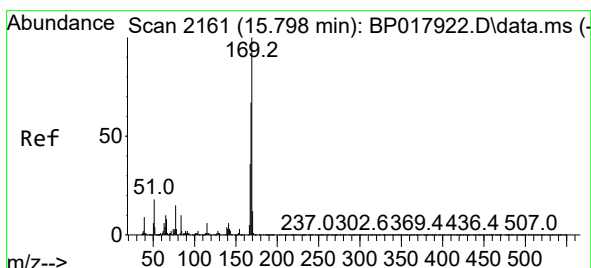
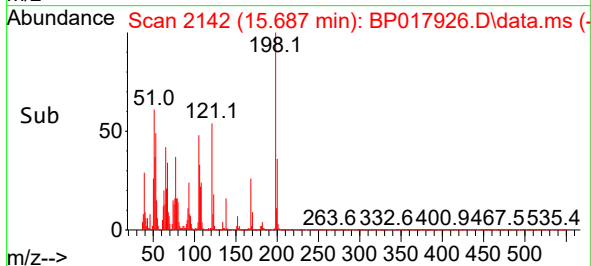
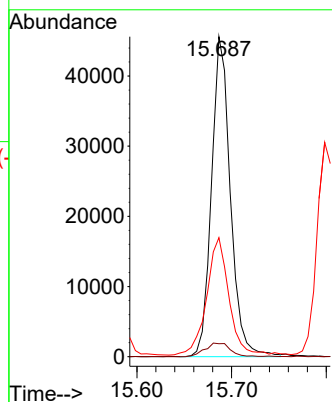
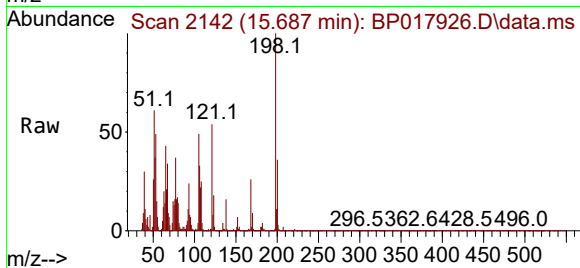




#66
4,6-Dinitro-2-methylphenol
Concen: 17.699 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

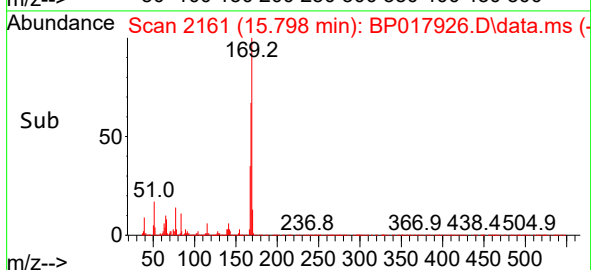
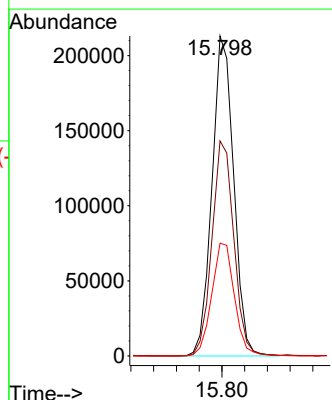
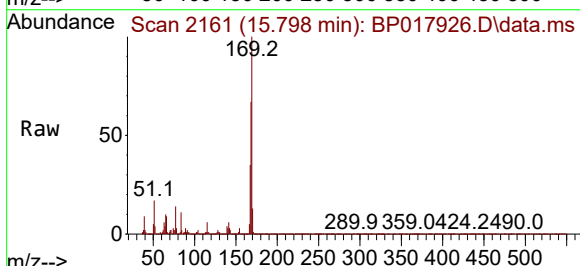
Instrument :
BNA_P
ClientSampleId :
SSTD020658

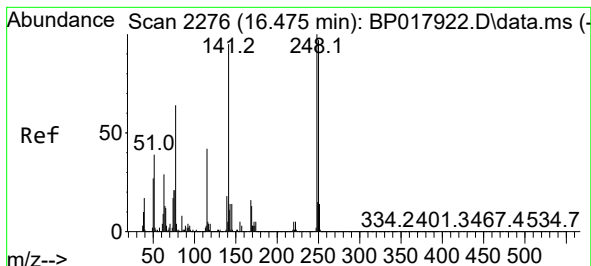
Tgt Ion:198 Resp: 63134
Ion Ratio Lower Upper
198 100
182 4.1 4.4 6.6#
77 37.2 24.6 37.0#



#67
N-Nitrosodiphenylamine
Concen: 19.677 ng/ul
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:169 Resp: 282766
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 35.3 28.0 42.0

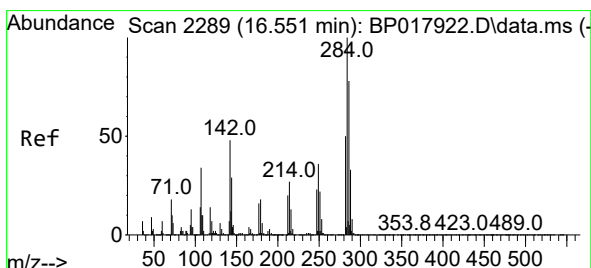
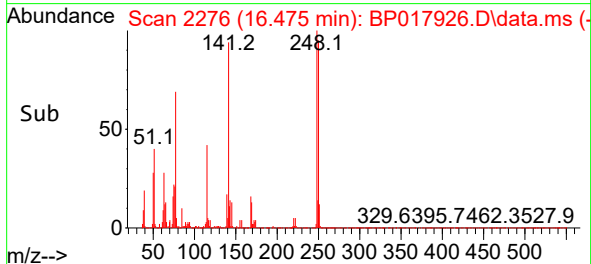
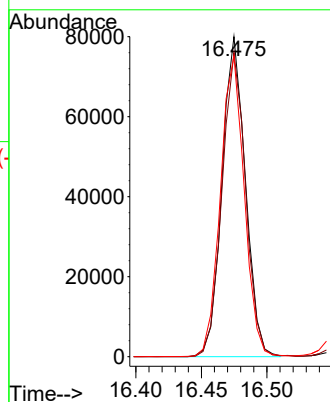
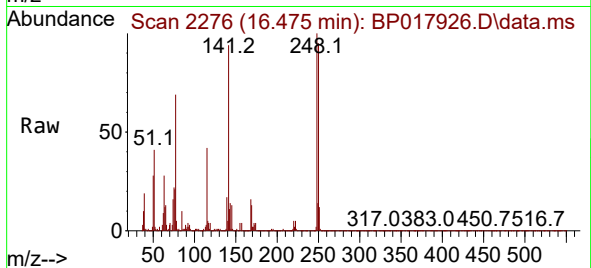




#68
4-Bromophenyl-phenylether
Concen: 18.016 ng/ul
RT: 16.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

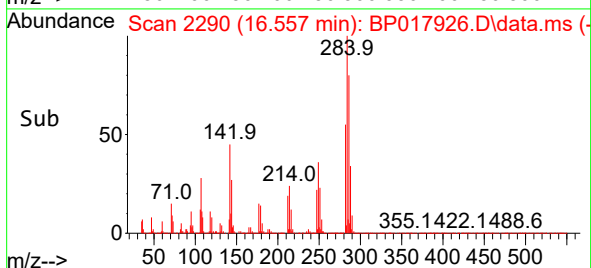
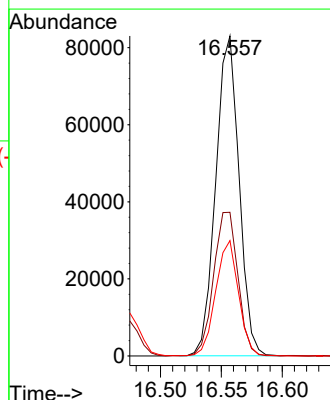
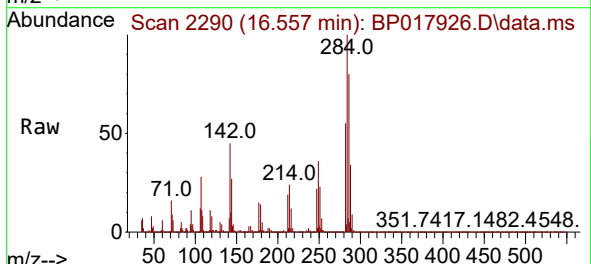
Instrument :
BNA_P
ClientSampleId :
SSTD020658

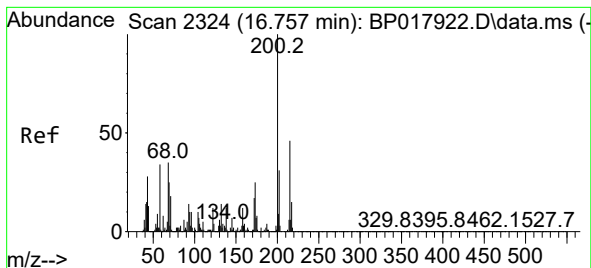
Tgt Ion:248 Resp: 99050
Ion Ratio Lower Upper
248 100
250 95.0 77.9 116.9
141 94.0 62.4 93.6#



#69
Hexachlorobenzene
Concen: 17.518 ng/ul
RT: 16.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BP017926.D
Acq: 07 Nov 2023 16:00

Tgt Ion:284 Resp: 110552
Ion Ratio Lower Upper
284 100
142 44.9 29.0 43.6#
249 36.1 25.8 38.6





#70

Atrazine

Concen: 18.821 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

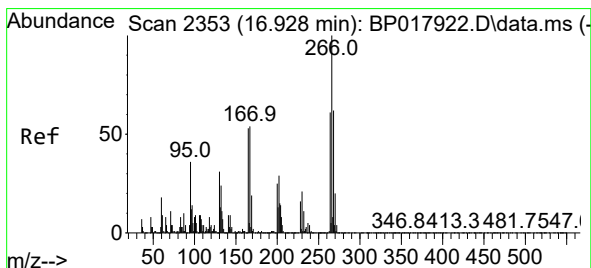
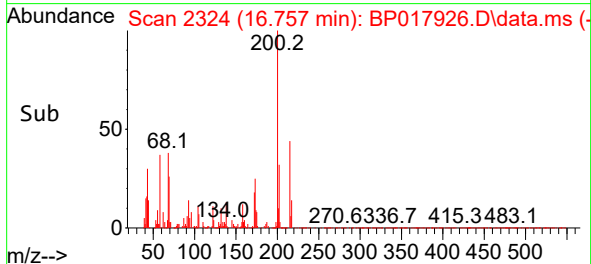
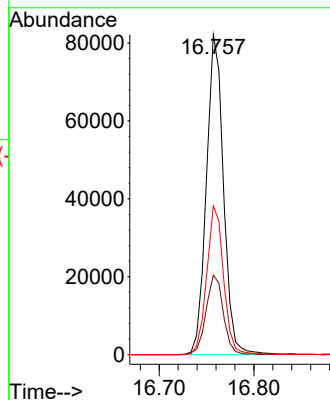
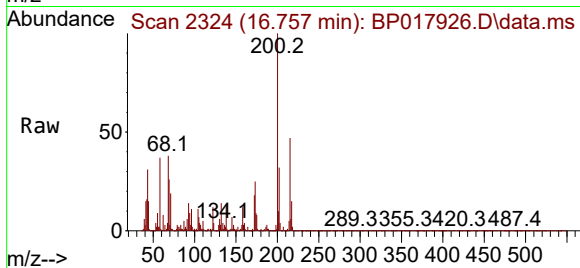
Tgt Ion:200 Resp: 103296

Ion Ratio Lower Upper

200 100

173 24.8 20.2 30.4

215 46.5 37.7 56.5



#71

Pentachlorophenol

Concen: 17.276 ng/ul

RT: 16.928 min Scan# 2353

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

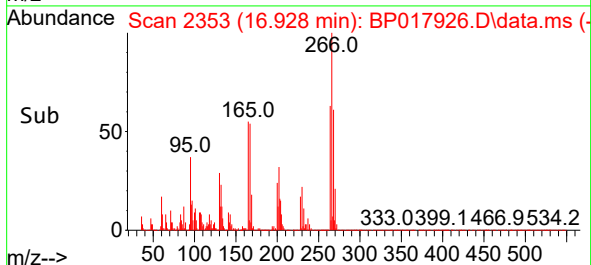
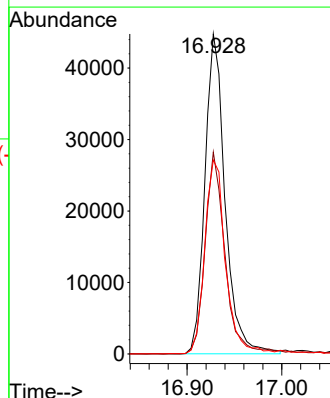
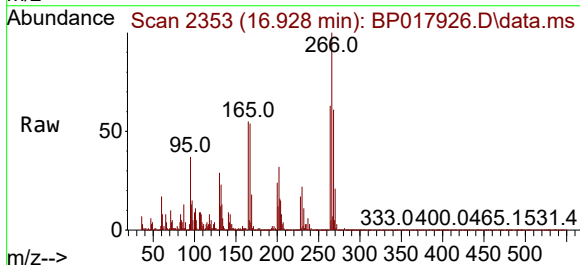
Tgt Ion:266 Resp: 66223

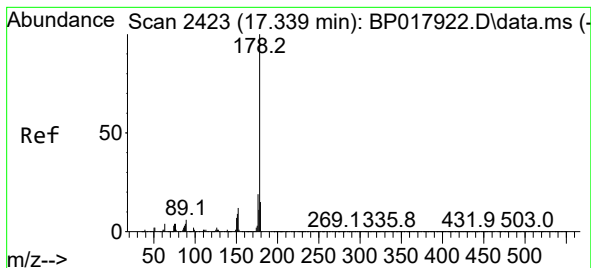
Ion Ratio Lower Upper

266 100

264 63.0 53.8 80.6

268 60.6 52.4 78.6





#72

Phenanthrene

Concen: 19.722 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

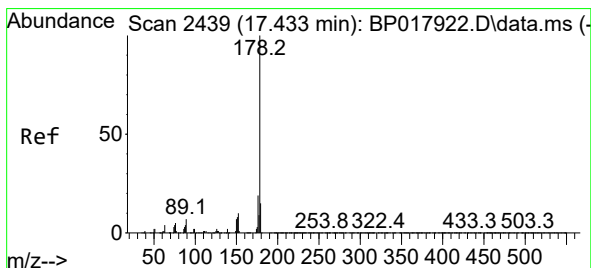
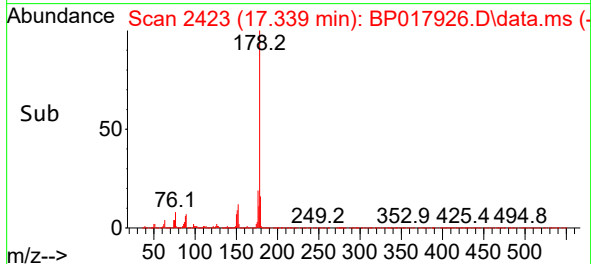
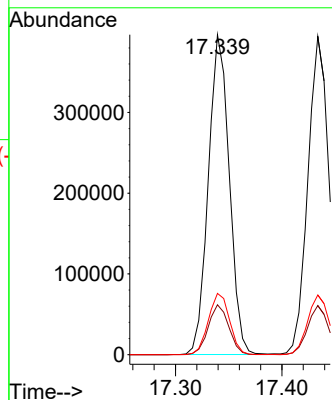
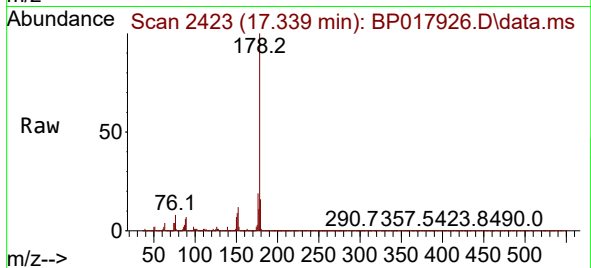
Tgt Ion:178 Resp: 541441

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.1 15.2 22.8



#74

Anthracene

Concen: 19.640 ng/ul

RT: 17.434 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

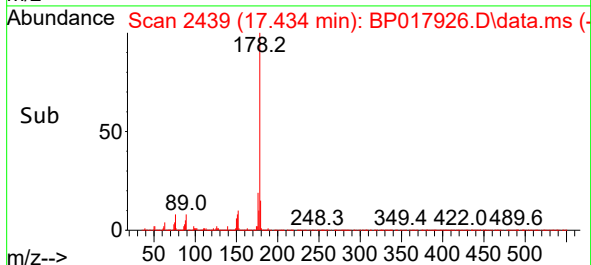
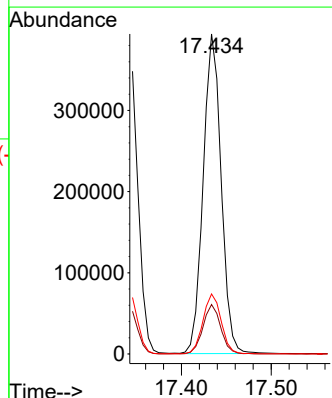
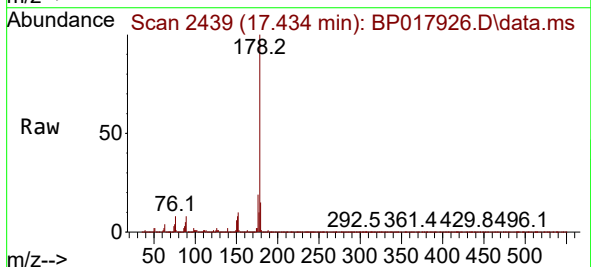
Tgt Ion:178 Resp: 548079

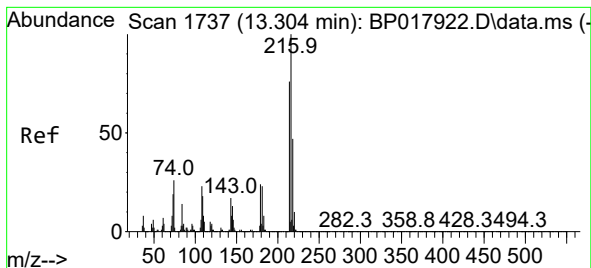
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.8 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.327 ng/uL

RT: 13.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

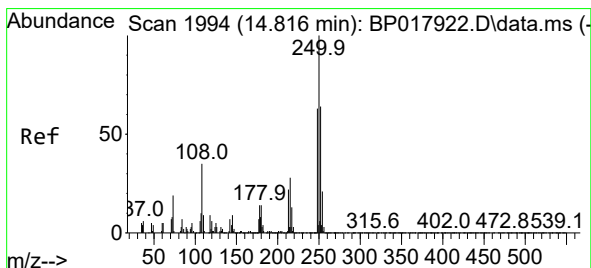
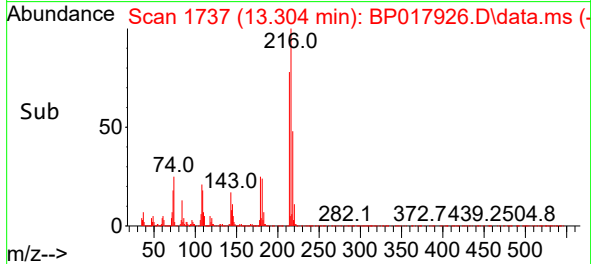
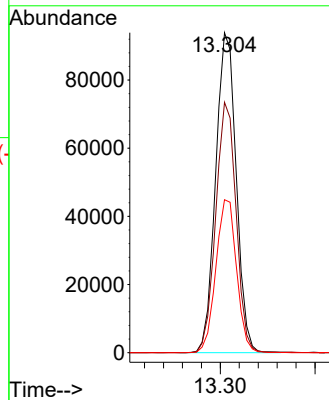
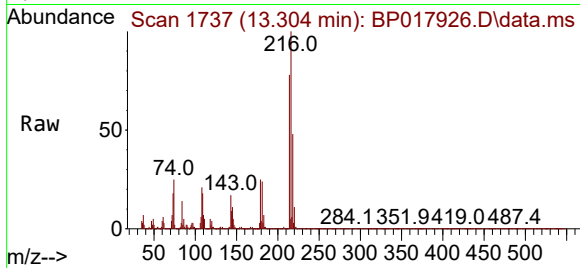
Tgt Ion:216 Resp: 141422

Ion Ratio Lower Upper

216 100

214 78.3 62.3 93.5

218 47.8 39.8 59.6



#76

Pentachlorobenzene

Concen: 18.373 ng/uL

RT: 14.816 min Scan# 1994

Delta R.T. -0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

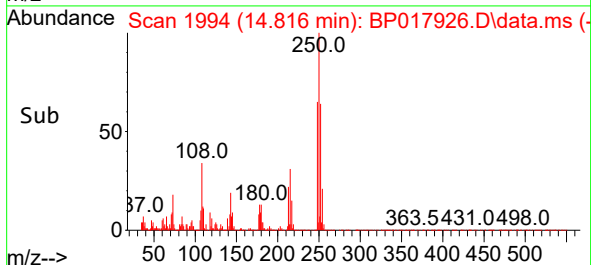
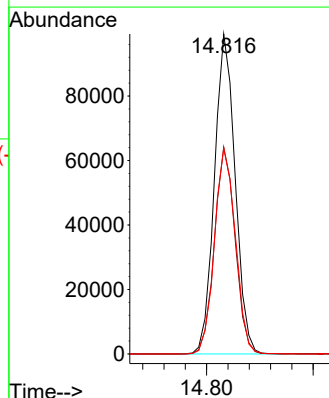
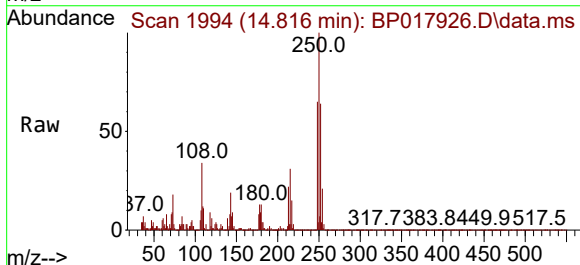
Tgt Ion:250 Resp: 134159

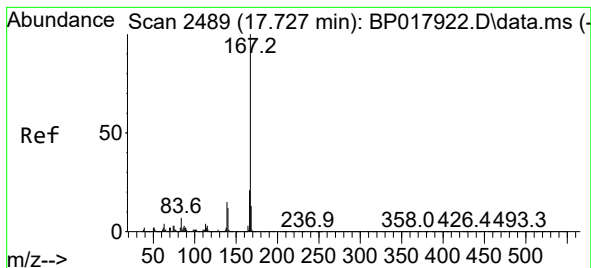
Ion Ratio Lower Upper

250 100

248 64.7 48.5 72.7

252 64.2 50.2 75.4





#77

Carbazole

Concen: 19.119 ng/ul

RT: 17.728 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

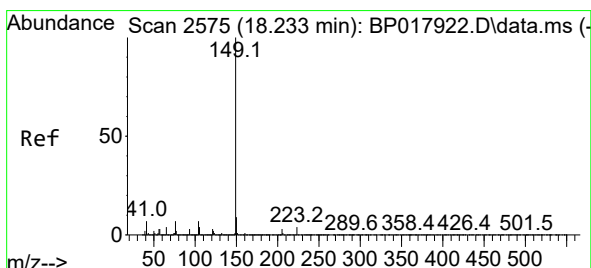
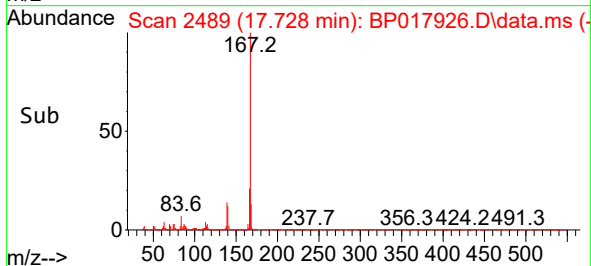
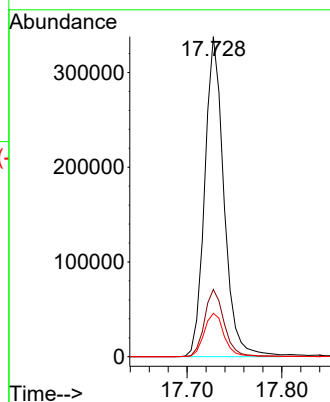
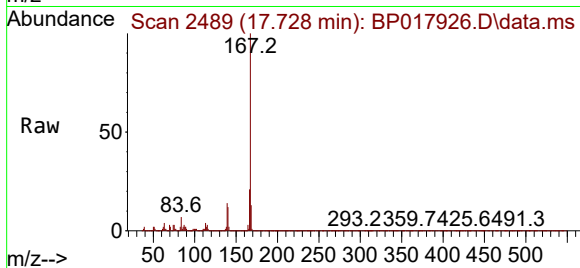
Tgt Ion:167 Resp: 475751

Ion Ratio Lower Upper

167 100

166 21.0 17.7 26.5

139 13.5 11.0 16.4



#78

Di-n-butylphthalate

Concen: 20.289 ng/ul

RT: 18.234 min Scan# 2575

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

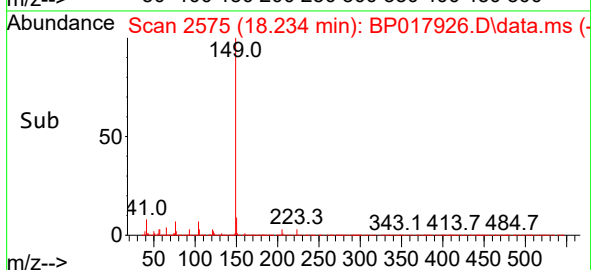
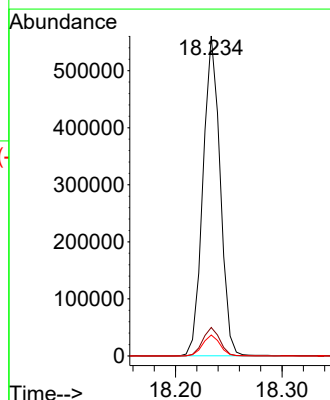
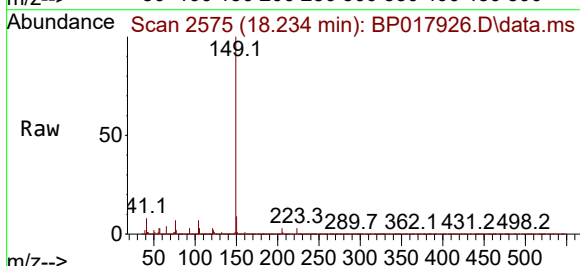
Tgt Ion:149 Resp: 628219

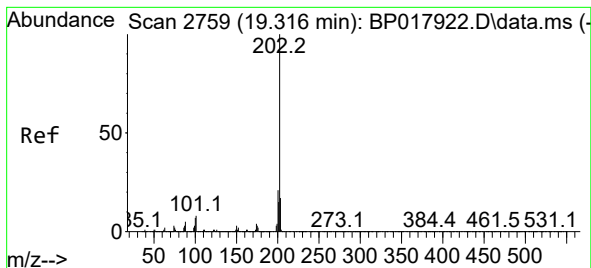
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 6.6 5.0 7.6





#80

Fluoranthene

Concen: 19.563 ng/ul

RT: 19.316 min Scan# 2759

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

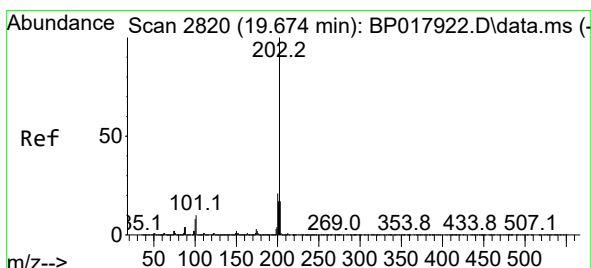
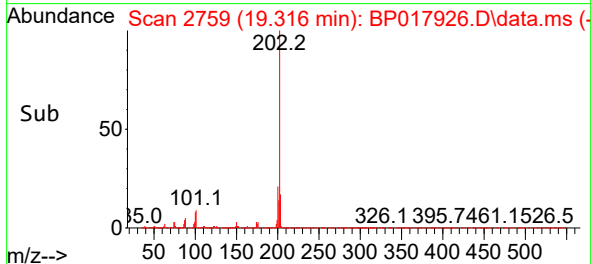
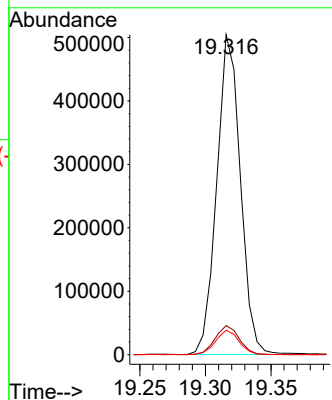
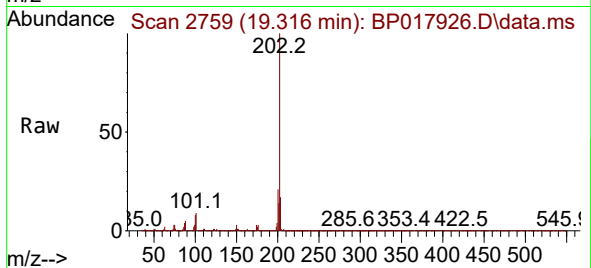
Tgt Ion:202 Resp: 630825

Ion Ratio Lower Upper

202 100

101 9.1 7.1 10.7

100 7.6 5.3 7.9



#82

Pyrene

Concen: 19.768 ng/ul

RT: 19.675 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

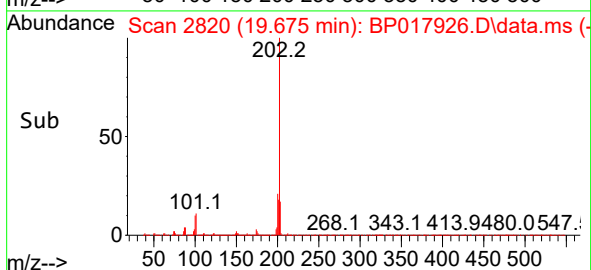
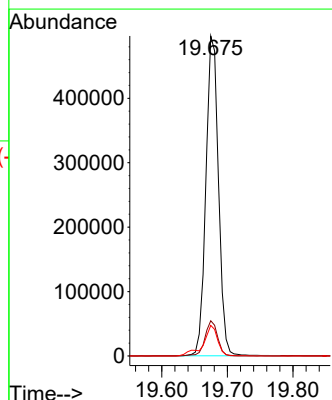
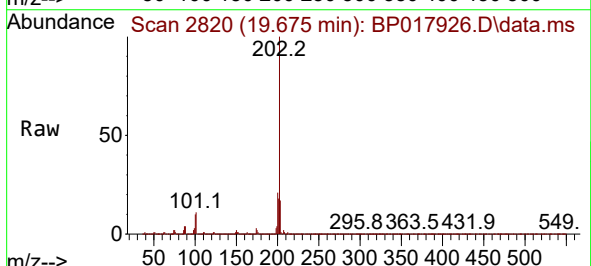
Tgt Ion:202 Resp: 664876

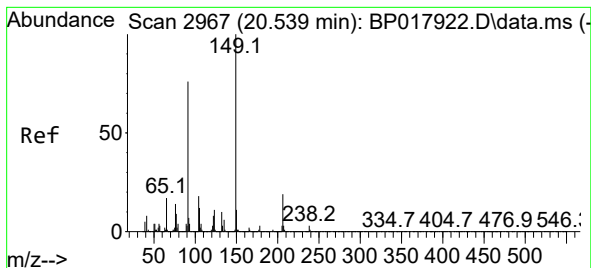
Ion Ratio Lower Upper

202 100

101 11.0 8.6 12.8

100 9.5 7.3 10.9





#83

Butylbenzylphthalate

Concen: 19.956 ng/ul

RT: 20.539 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

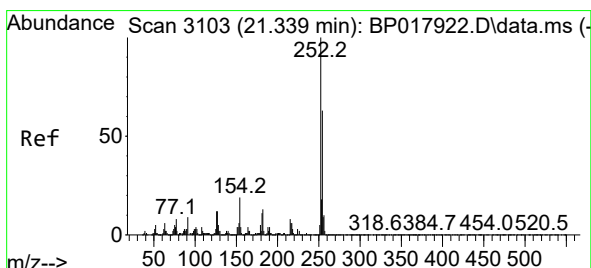
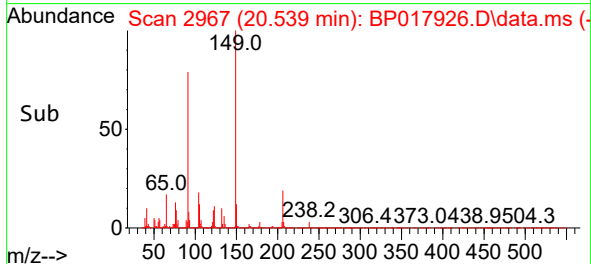
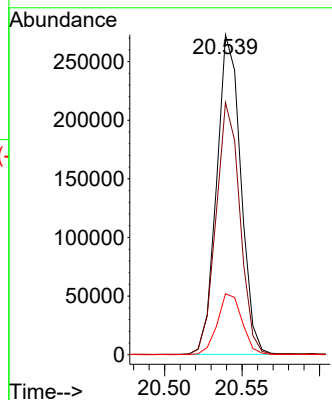
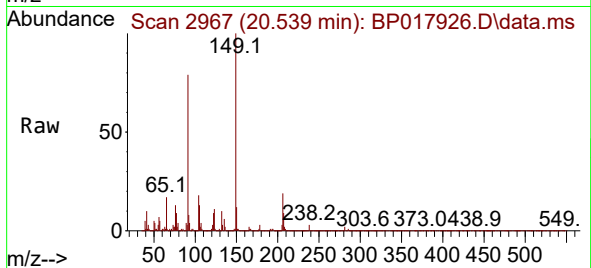
Tgt Ion:149 Resp: 295297

Ion Ratio Lower Upper

149 100

91 78.8 60.4 90.6

206 19.0 15.3 22.9



#84

3,3'-Dichlorobenzidine

Concen: 18.781 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

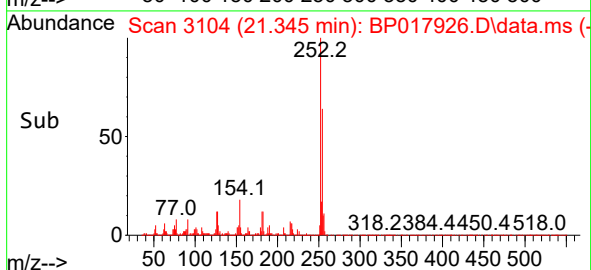
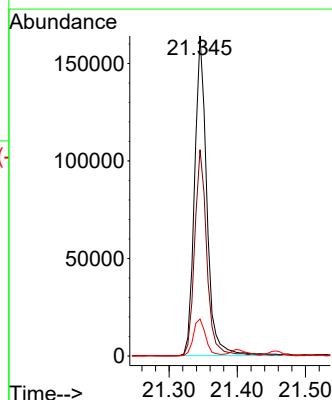
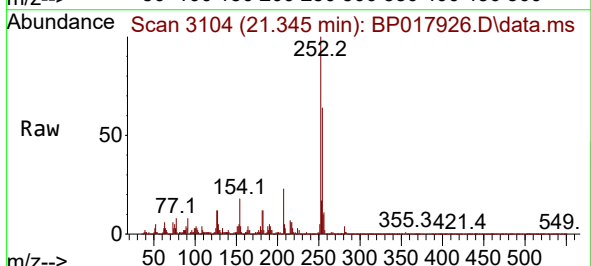
Tgt Ion:252 Resp: 204350

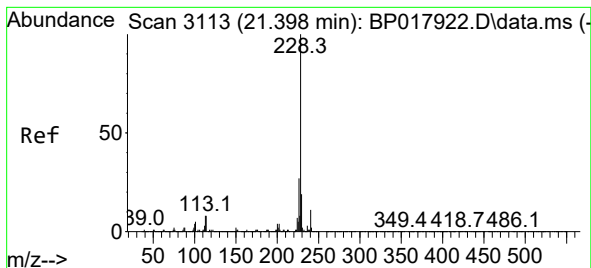
Ion Ratio Lower Upper

252 100

254 64.4 50.7 76.1

126 11.5 7.9 11.9





#85

Benzo(a)anthracene

Concen: 19.705 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

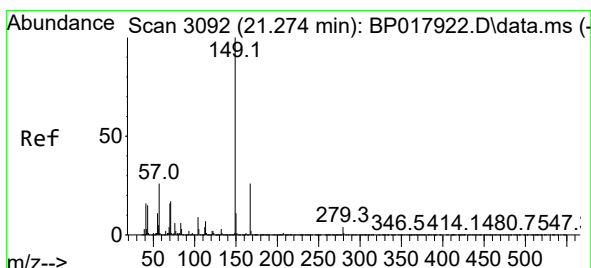
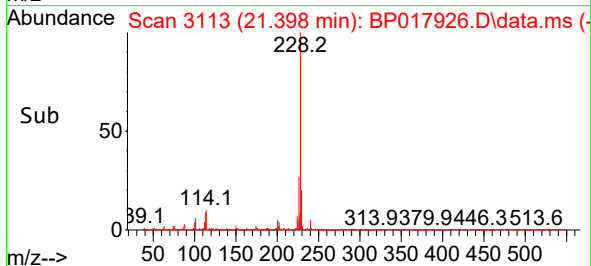
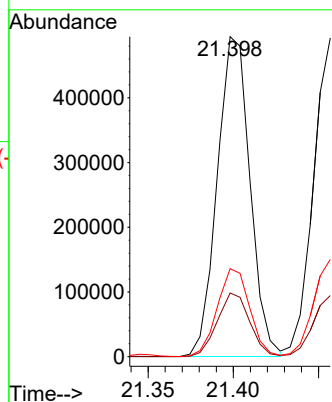
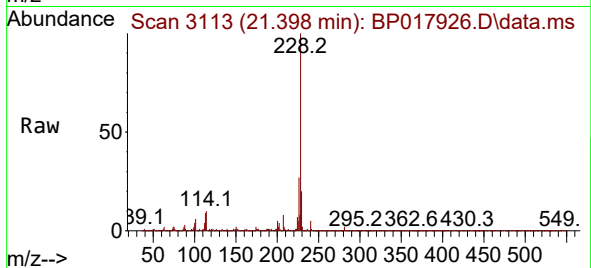
Tgt Ion:228 Resp: 660517

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.2

226 27.5 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.535 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. 0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

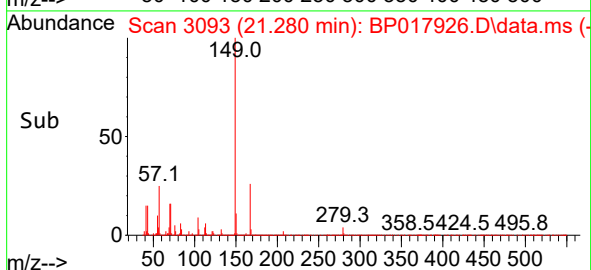
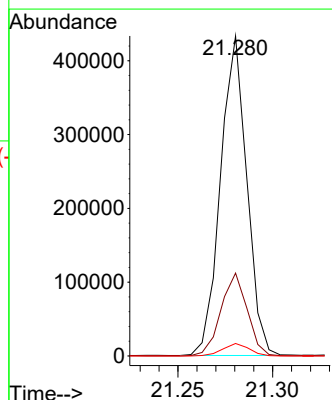
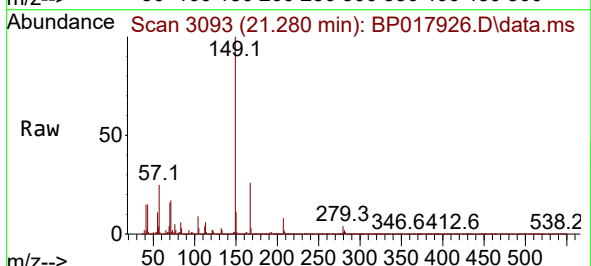
Tgt Ion:149 Resp: 418599

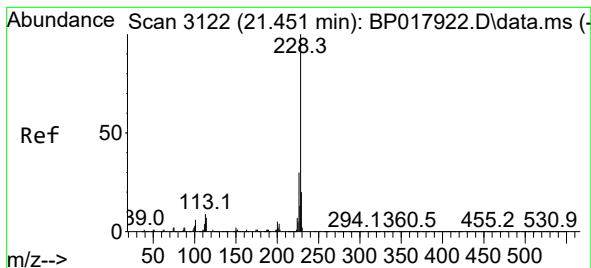
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.6

279 3.9 3.0 4.6





#87

Chrysene

Concen: 20.055 ng/ul

RT: 21.457 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

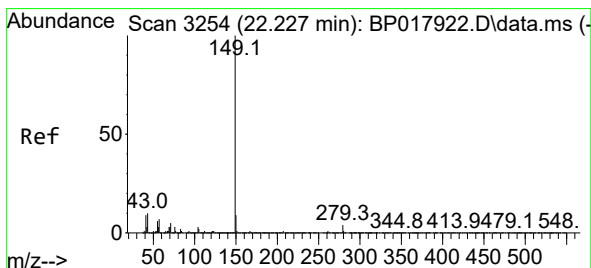
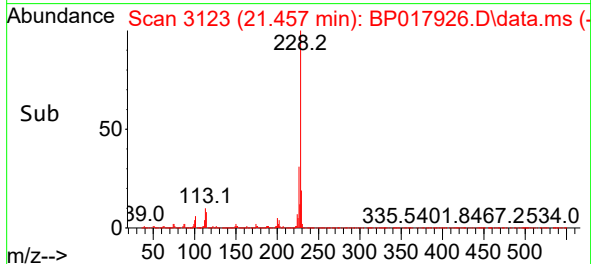
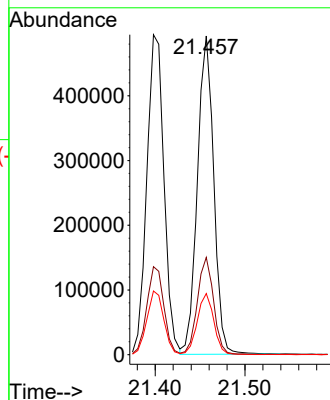
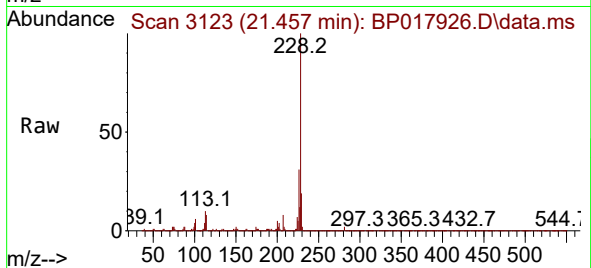
Tgt Ion:228 Resp: 623395

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 19.2 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 18.204 ng/ul

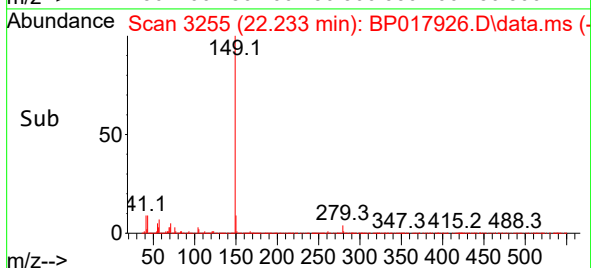
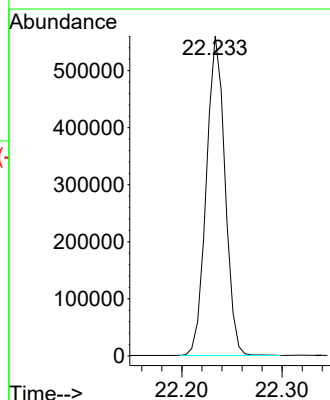
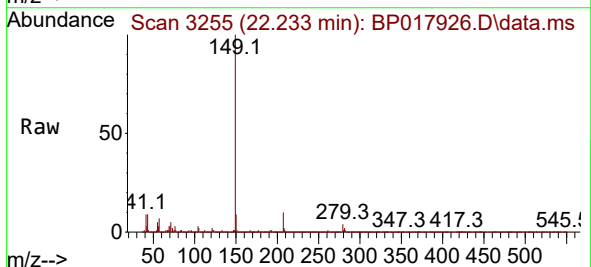
RT: 22.233 min Scan# 3255

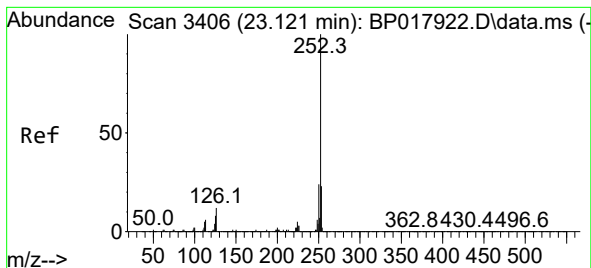
Delta R.T. 0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Tgt Ion:149 Resp: 724880





#90

Benzo(b)fluoranthene

Concen: 19.904 ng/ul

RT: 23.127 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

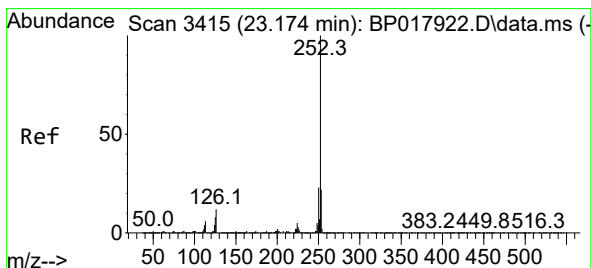
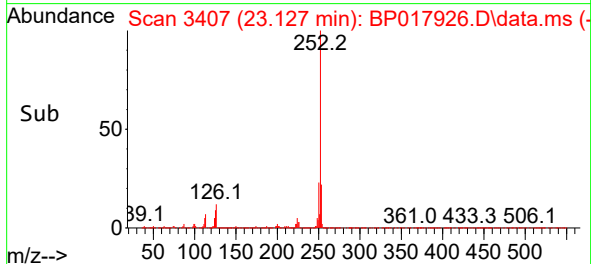
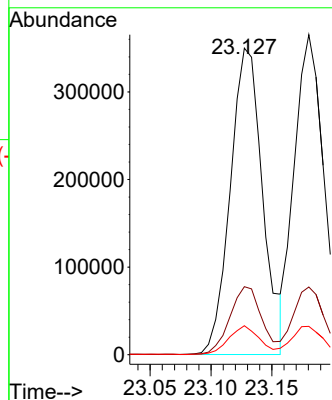
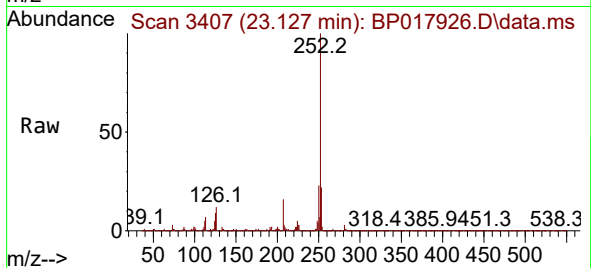
Tgt Ion:252 Resp: 647703

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 9.4 6.6 10.0



#91

Benzo(k)fluoranthene

Concen: 19.087 ng/ul

RT: 23.180 min Scan# 3416

Delta R.T. 0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

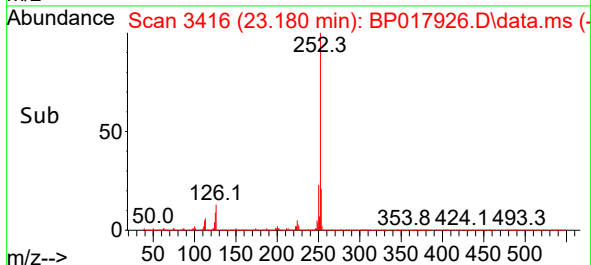
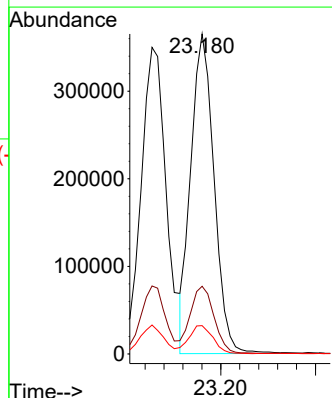
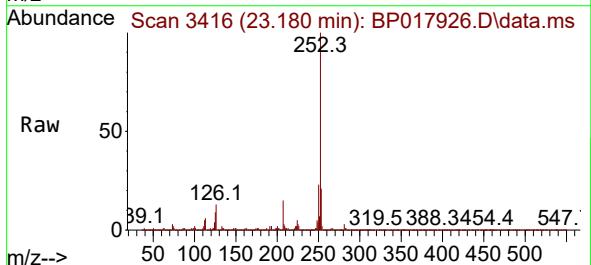
Tgt Ion:252 Resp: 622849

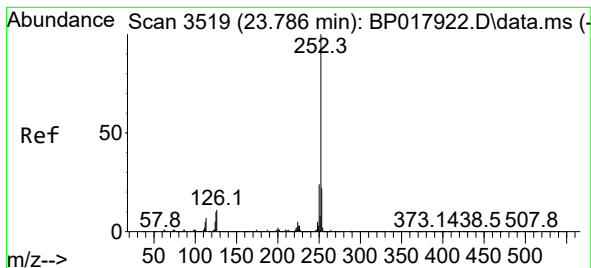
Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 8.8 7.0 10.6





#93

Benzo(a)pyrene

Concen: 19.713 ng/ul

RT: 23.792 min Scan# 3519

Delta R.T. 0.012 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

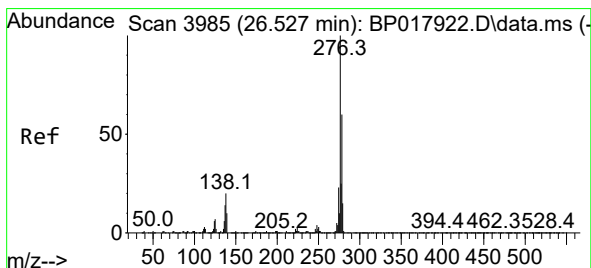
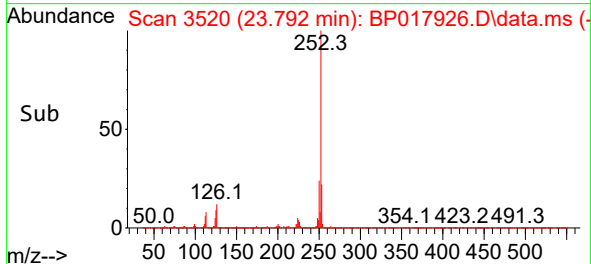
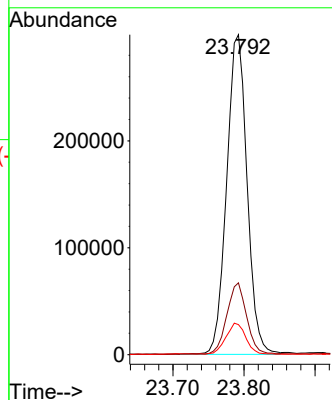
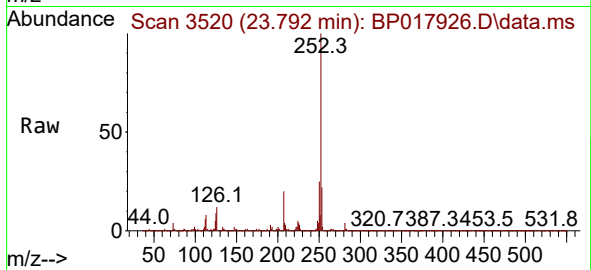
Tgt Ion:252 Resp: 596338

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 9.4 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.541 ng/ul

RT: 26.533 min Scan# 3986

Delta R.T. 0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

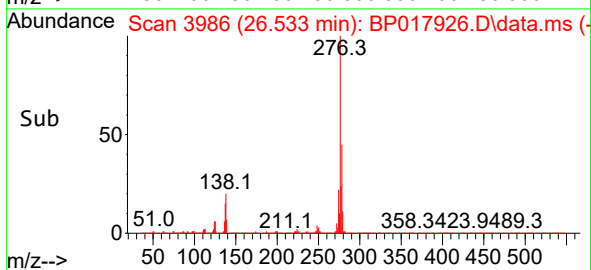
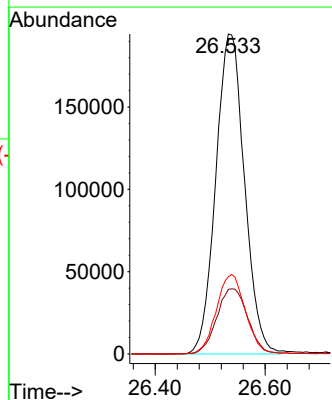
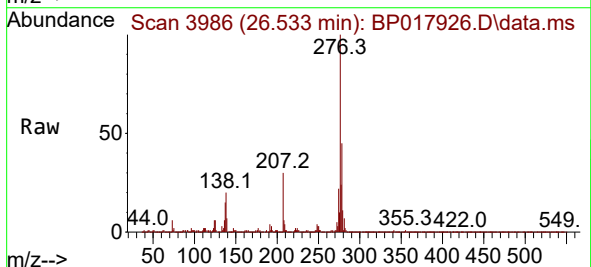
Tgt Ion:276 Resp: 704084

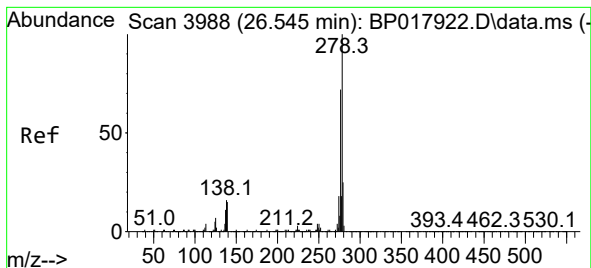
Ion Ratio Lower Upper

276 100

138 20.2 15.9 23.9

277 24.1 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 19.472 ng/ul

RT: 26.557 min Scan# 3990

Delta R.T. 0.006 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Instrument :

BNA_P

ClientSampleId :

SSTD020658

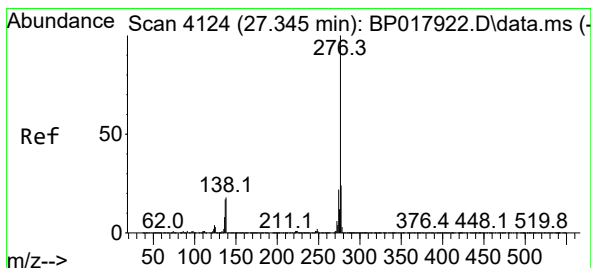
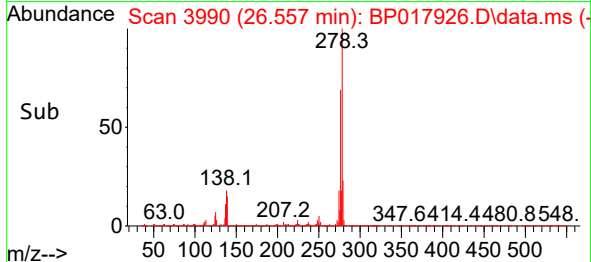
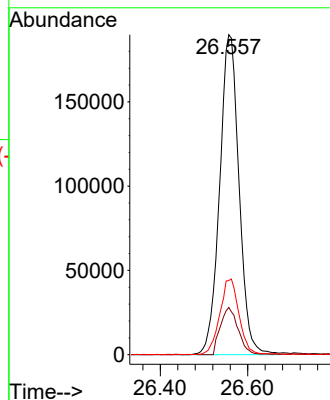
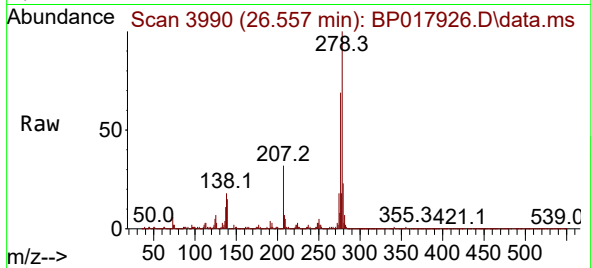
Tgt Ion:278 Resp: 583622

Ion Ratio Lower Upper

278 100

139 14.8 11.0 16.4

279 23.2 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 19.592 ng/ul

RT: 27.362 min Scan# 4127

Delta R.T. 0.012 min

Lab File: BP017926.D

Acq: 07 Nov 2023 16:00

Tgt Ion:276 Resp: 561979

Ion Ratio Lower Upper

276 100

138 20.0 14.7 22.1

277 24.5 19.2 28.8

