

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018393.D
 Acq On : 26 Nov 2023 06:01
 Operator : MA/JU
 Sample : PB157165BS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 27 00:09:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	514858	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2152847	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1326276	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2657234	20.000	ng/u1	0.00
79) Chrysene-d12	21.356	240	1836644	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	1994733	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	72361	5.264	ng/uL	0.00
4) Pyridine-d5	3.687	84	973673	25.775	ng/u1	0.00
7) Phenol-d5	7.034	99	1381532	29.361	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	743576	26.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	1162426	29.424	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	1130541	29.773	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	560627	32.061	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	589982	36.533	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	1215121	31.188	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	1476309	28.095	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	3352705	28.410	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	3792718	28.205	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	494846	30.374	ng/u1	0.01
60) Fluorene-d10	15.492	176	2784323	28.208	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	419626	37.097	ng/u1	0.00
73) Anthracene-d10	17.345	188	3976521	27.998	ng/u1	0.00
81) Pyrene-d10	19.586	212	4152036	28.405	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	3425814	29.623	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	146984	9.972	ng/uL#	93
5) Pyridine	3.704	79	1022381	26.860	ng/u1	96
6) Benzaldehyde	7.004	77	746752	29.991	ng/u1	96
8) Phenol	7.057	94	1412635	30.606	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.293	93	1130409	29.402	ng/u1	97
12) 2-Chlorophenol	7.428	128	1200152	30.281	ng/u1	95
13) 2-Methylphenol	8.310	108	1102280	30.661	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	1346557	24.640	ng/u1	94
16) Acetophenone	8.692	105	1698195	29.227	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.687	70	781118	24.065	ng/u1	92
18) 4-Methylphenol	8.645	108	1182259	30.796	ng/u1	97
19) Hexachloroethane	8.945	117	476445	28.785	ng/u1	92
22) Nitrobenzene	9.069	77	1200353	29.301	ng/u1	94
23) Isophorone	9.598	82	2379035	26.056	ng/u1	97
25) 2-Nitrophenol	9.781	139	659778	36.312	ng/u1	92
26) 2,4-Dimethylphenol	9.845	107	1026874	25.172	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.086	93	1539932	27.926	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	1212163	32.480	ng/u1	98
30) Naphthalene	10.716	128	3803061	29.208	ng/u1	100
32) 4-Chloroaniline	10.828	127	1375131	27.732	ng/u1	99
33) Hexachlorobutadiene	11.004	225	847874	33.310	ng/u1	99
34) Caprolactam	11.610	113	278804	25.924	ng/u1	84
35) 4-Chloro-3-methylphenol	11.951	107	1152278	28.877	ng/u1	95
36) 2-Methylnaphthalene	12.328	142	2647313	28.728	ng/u1	99

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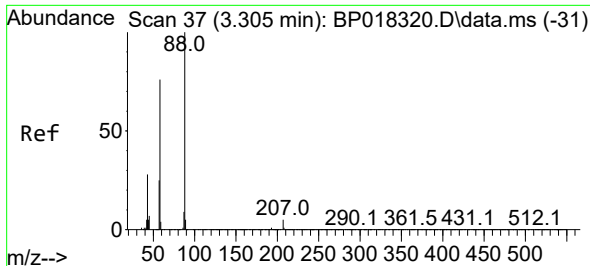
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	2594965	27.976	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	1565145	33.414	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	709266	26.735	ng/ul	100
41) 2,4,6-Trichlorophenol	12.933	196	962861	34.228	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	1047045	34.421	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	3460438	29.946	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2775939	30.352	ng/ul	98
45) 2-Nitroaniline	13.580	65	617422	31.374	ng/ul	87
47) Dimethylphthalate	13.963	163	3428389	29.691	ng/ul	99
48) 2,6-Dinitrotoluene	14.080	165	696679	35.787	ng/ul	88
50) Acenaphthylene	14.222	152	4364813	29.121	ng/ul	99
51) 3-Nitroaniline	14.404	138	649512	33.579	ng/ul#	92
52) Acenaphthene	14.563	153	2859028	29.199	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	263665	38.821	ng/ul	98
55) 4-Nitrophenol	14.710	109	357250	29.599	ng/ul	94
56) Dibenzofuran	14.898	168	3943493	29.459	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	949246	36.083	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.121	232	813399	34.049	ng/ul	94
59) Diethylphthalate	15.333	149	3331361	28.720	ng/ul	98
61) Fluorene	15.545	166	3091030	28.315	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1675610	30.227	ng/ul	96
63) 4-Nitroaniline	15.569	138	603486	33.060	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.621	198	477658	38.074	ng/ul	97
67) N-Nitrosodiphenylamine	15.757	169	2678469	29.725	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	967993	28.853	ng/ul	96
69) Hexachlorobenzene	16.545	284	1255931	33.486	ng/ul	93
70) Atrazine	16.716	200	775103	28.176	ng/ul	98
71) Pentachlorophenol	16.892	266	668145	34.670	ng/ul	99
72) Phenanthrene	17.292	178	4776213	29.551	ng/ul	99
74) Anthracene	17.380	178	4721775	28.942	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	1578890	34.568	ng/ul	100
76) Pentachlorobenzene	14.816	250	1521383	34.290	ng/ul	99
77) Carbazole	17.651	167	4016507	30.388	ng/ul	99
78) Di-n-butylphthalate	18.215	149	5378984	29.258	ng/ul	100
80) Fluoranthene	19.262	202	5163663	29.570	ng/ul	97
82) Pyrene	19.615	202	5105019	29.032	ng/ul	97
83) Butylbenzylphthalate	20.509	149	1996147	30.675	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.286	252	1398359	31.479	ng/ul	99
85) Benzo(a)anthracene	21.345	228	4479056	29.924	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2933458	30.046	ng/ul	99
87) Chrysene	21.398	228	4158755	30.532	ng/ul	100
89) Di-n-octyl phthalate	22.268	149	4420842	30.104	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	4262770	29.421	ng/ul	98
91) Benzo(k)fluoranthene	23.109	252	4273082	29.626	ng/ul	99
93) Benzo(a)pyrene	23.698	252	4046205	30.367	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	5132652	33.314	ng/ul	96
95) Dibenzo(a,h)anthracene	26.468	278	4233035	33.561	ng/ul	97
96) Benzo(g,h,i)perylene	27.221	276	4203196	33.686	ng/ul	96

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

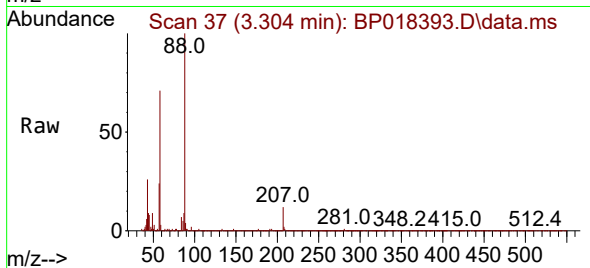
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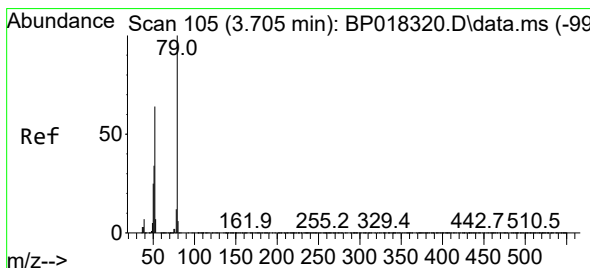
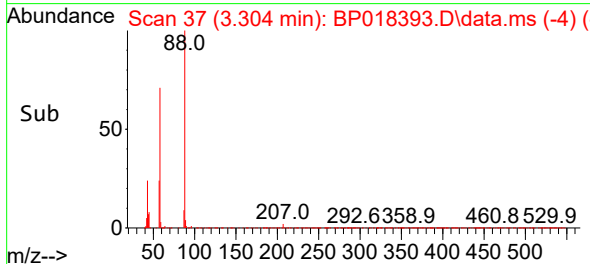
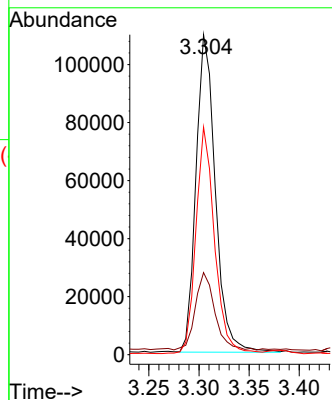


#2
1,4-Dioxane
Concen: 9.972 ng/uL
RT: 3.304 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Instrument :
BNA_P
ClientSampleId :

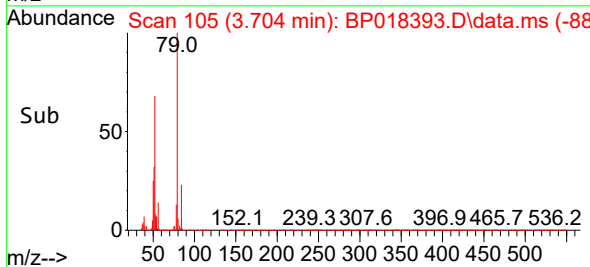
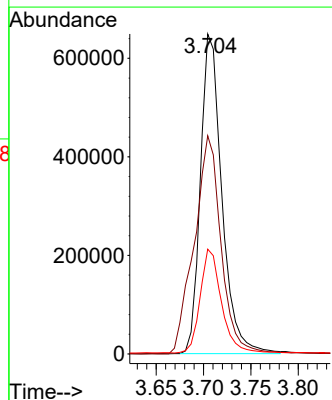
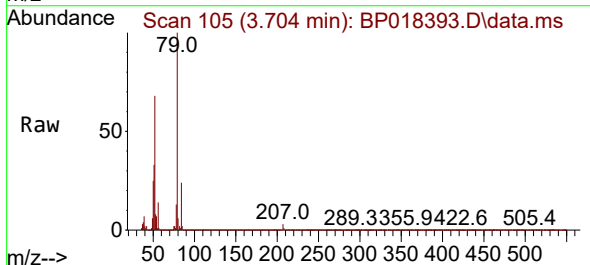


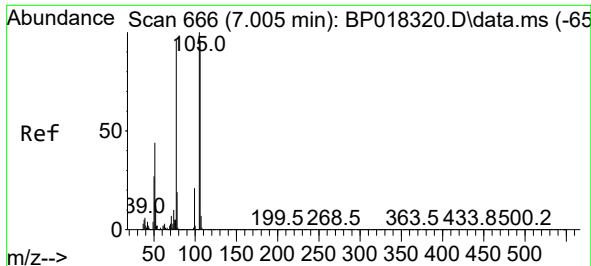
Tgt Ion: 88 Resp: 146984
Ion Ratio Lower Upper
88 100
43 25.7 26.9 40.3#
58 71.1 59.6 89.4



#5
Pyridine
Concen: 26.860 ng/uL
RT: 3.704 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion: 79 Resp: 1022381
Ion Ratio Lower Upper
79 100
52 68.2 57.7 86.5
51 32.7 27.8 41.8

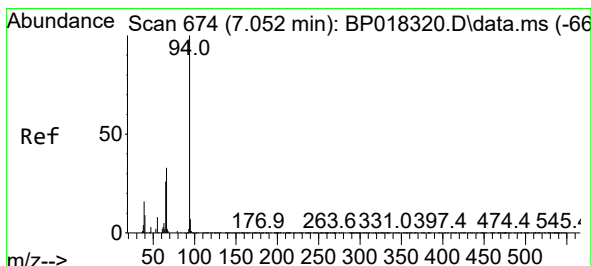
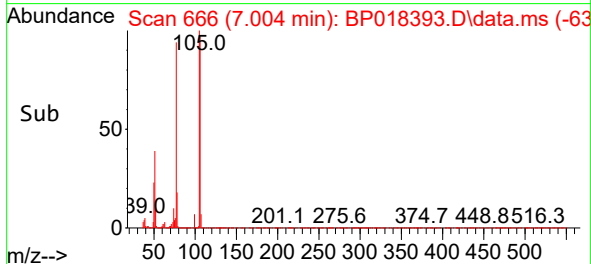
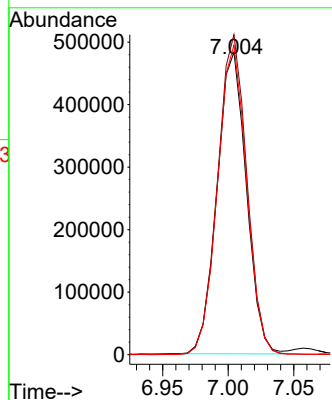
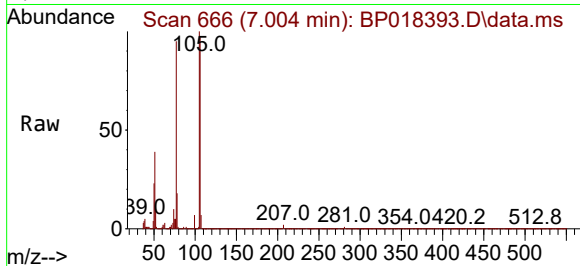




#6
Benzaldehyde
Concen: 29.991 ng/ul
RT: 7.004 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

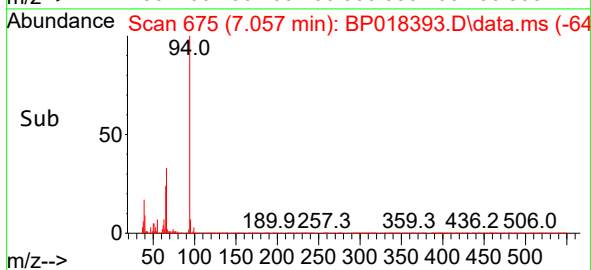
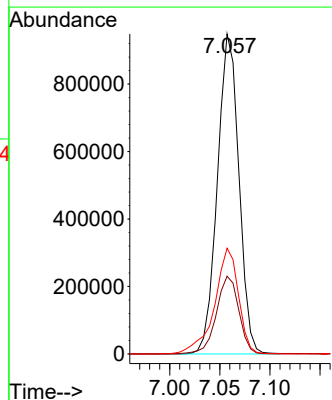
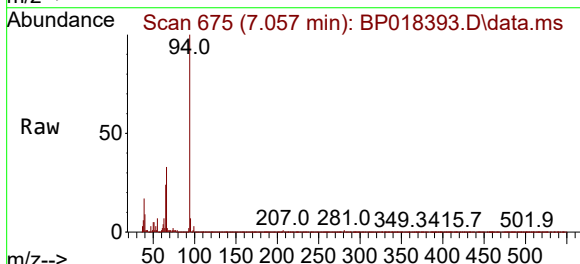
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BNA_P
ClientSampleId :

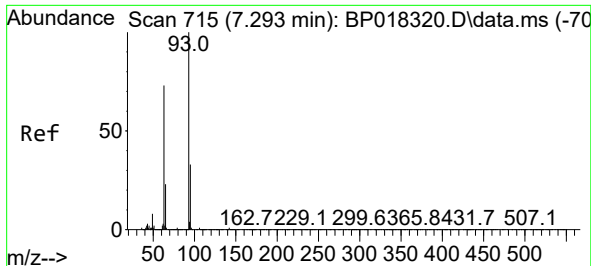
Tgt Ion: 77 Resp: 746752
Ion Ratio Lower Upper
77 100
105 105.7 81.5 122.3
106 102.3 77.9 116.9



#8
Phenol
Concen: 30.606 ng/ul
RT: 7.057 min Scan# 675
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion: 94 Resp: 1412635
Ion Ratio Lower Upper
94 100
65 24.3 21.2 31.8
66 33.1 28.0 42.0

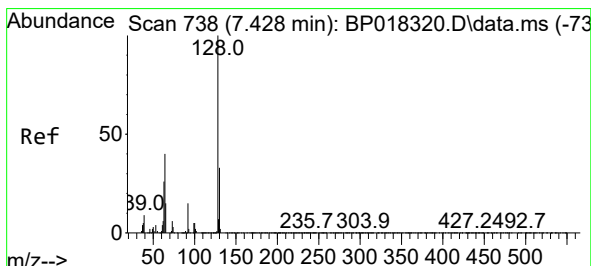
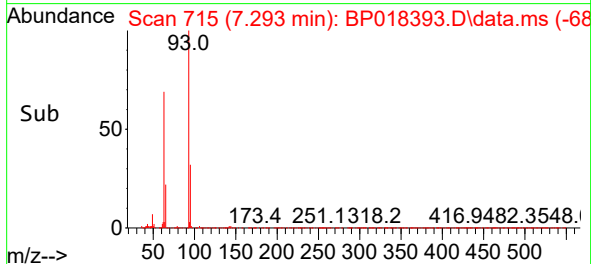
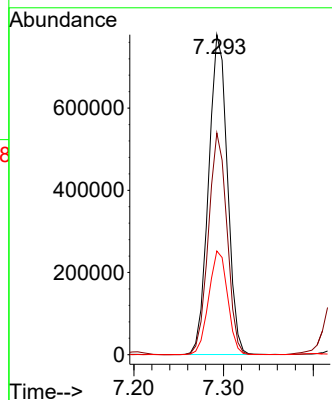
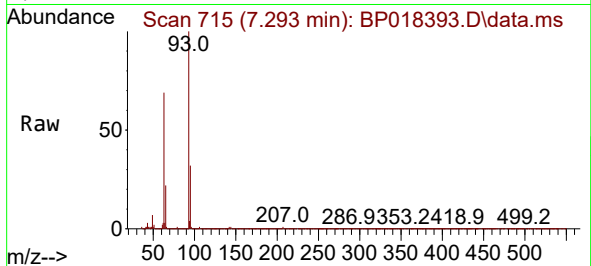




#10
Bis(2-Chloroethyl)ether
Concen: 29.402 ng/ul
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

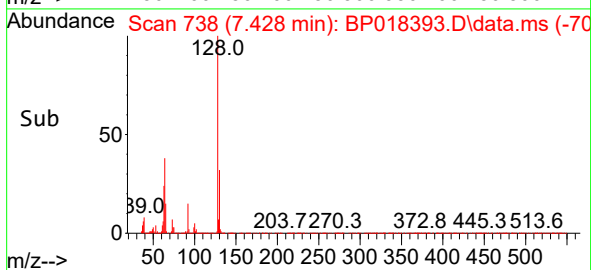
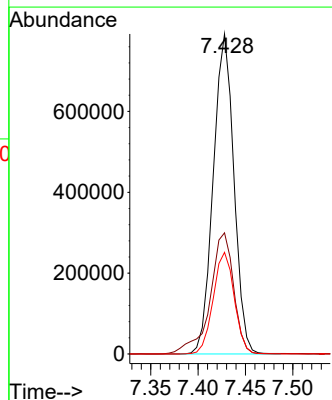
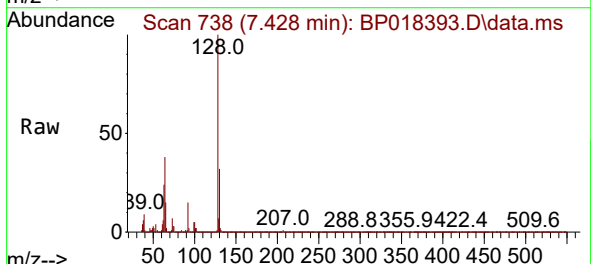
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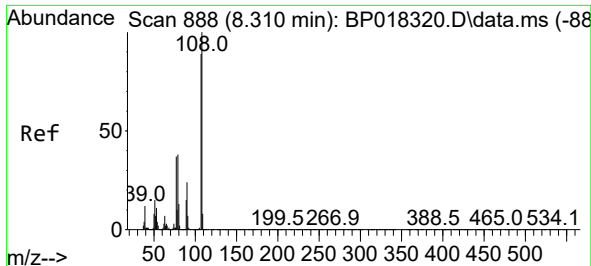
Tgt Ion: 93 Resp: 1130409
Ion Ratio Lower Upper
93 100
63 69.3 58.2 87.4
95 32.4 25.6 38.4



#12
2-Chlorophenol
Concen: 30.281 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:128 Resp: 1200152
Ion Ratio Lower Upper
128 100
64 37.8 34.8 52.2
130 31.8 25.5 38.3





#13

2-Methylphenol

Concen: 30.661 ng/ul

RT: 8.310 min Scan# 888

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

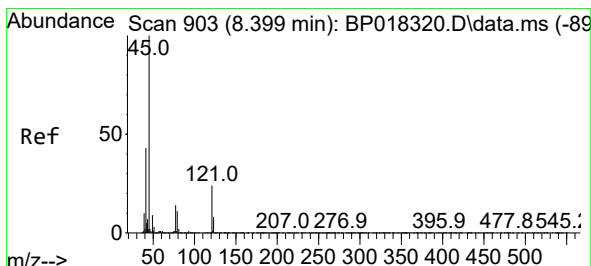
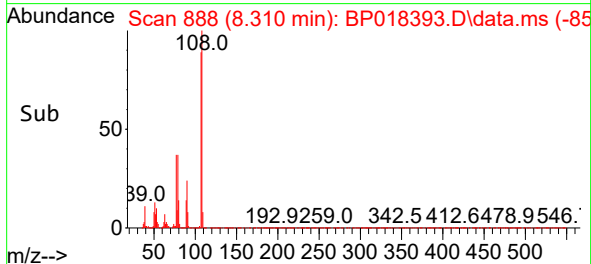
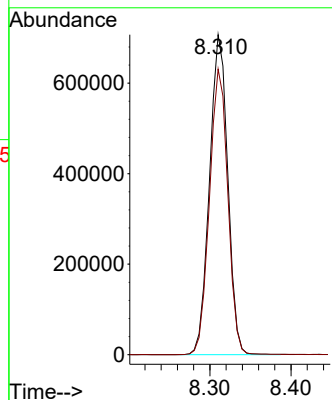
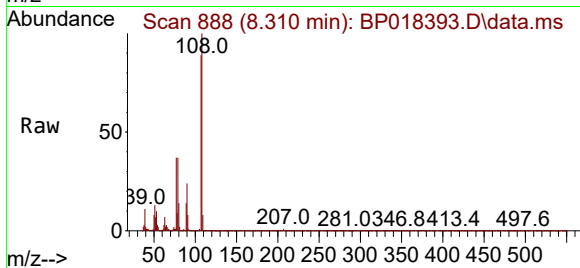
ClientSampleId :

Tgt Ion:108 Resp: 1102280

Ion Ratio Lower Upper

108 100

107 89.2 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.640 ng/ul

RT: 8.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP018393.D

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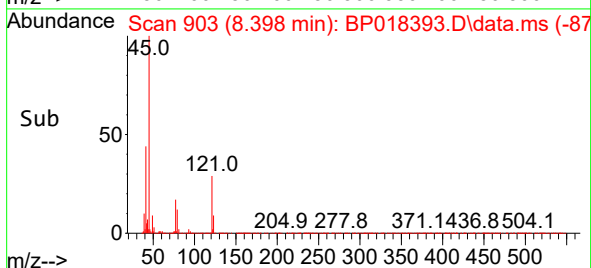
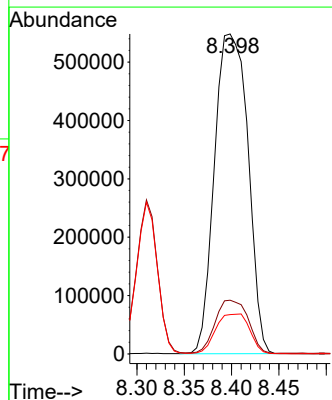
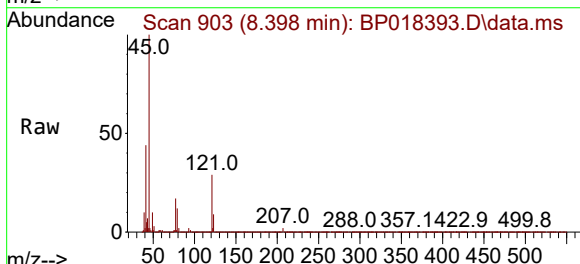
Tgt Ion: 45 Resp: 1346557

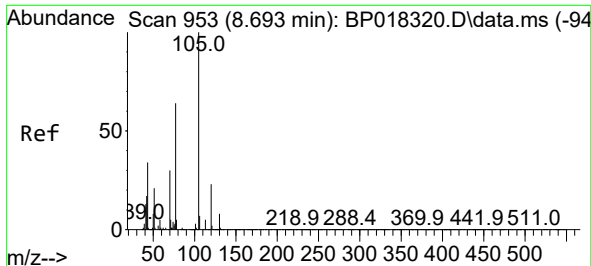
Ion Ratio Lower Upper

45 100

77 16.8 11.4 17.2

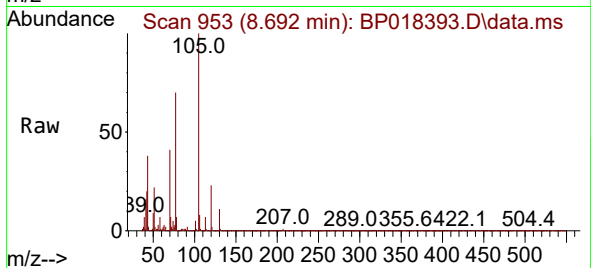
79 12.3 8.4 12.6



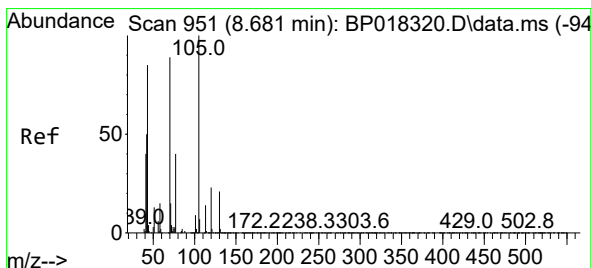
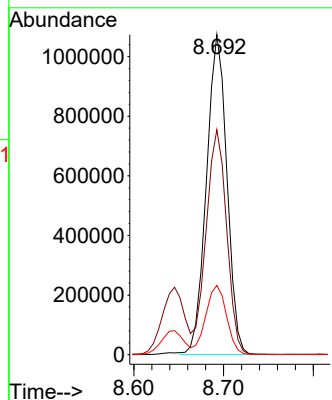
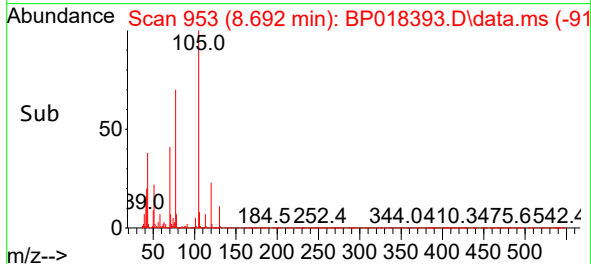


#16
Acetophenone
Concen: 29.227 ng/ul
RT: 8.692 min Scan# 91
Delta R.T. -0.000 min
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Acq: 26 Nov 2023 06:01

Instrument :
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ClientSampleId :

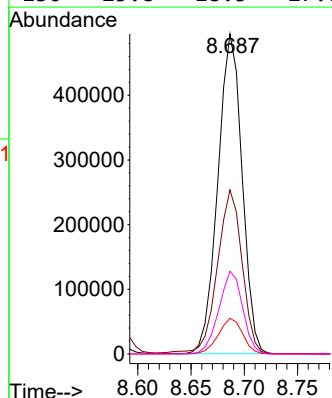
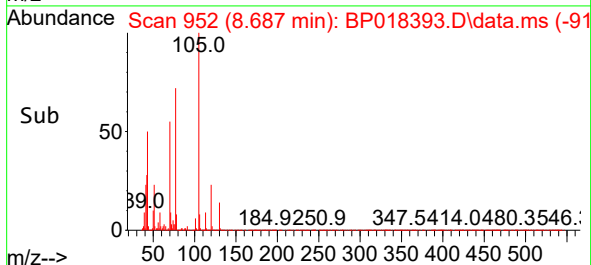
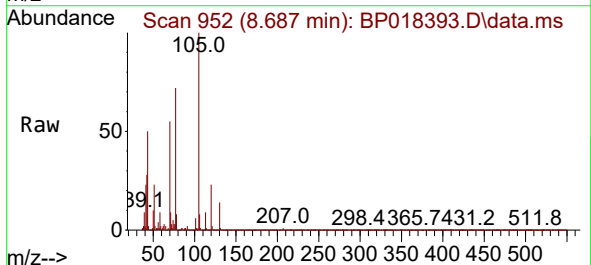


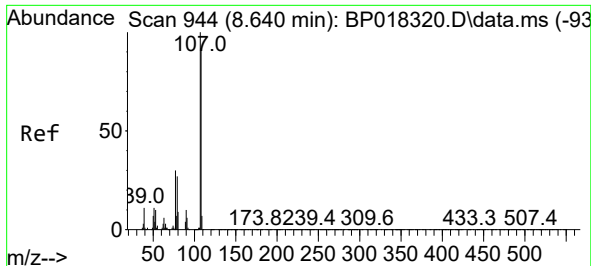
Tgt Ion:105 Resp: 1698195
Ion Ratio Lower Upper
105 100
77 70.3 59.5 89.3
51 21.7 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 24.065 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion: 70 Resp: 781118
Ion Ratio Lower Upper
70 100
42 51.3 46.8 70.2
101 11.2 8.4 12.6
130 25.8 18.5 27.7





#18

4-Methylphenol

Concen: 30.796 ng/ul

RT: 8.645 min Scan# 944

Delta R.T. 0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

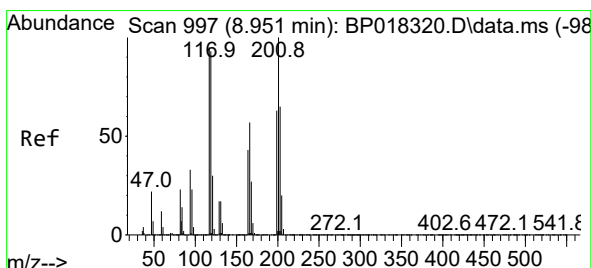
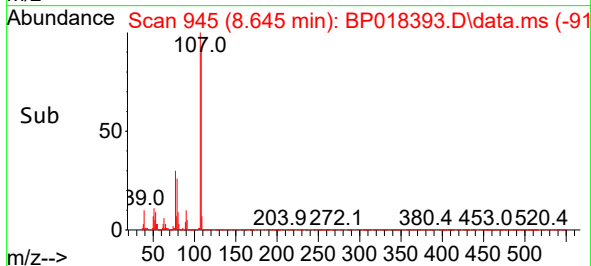
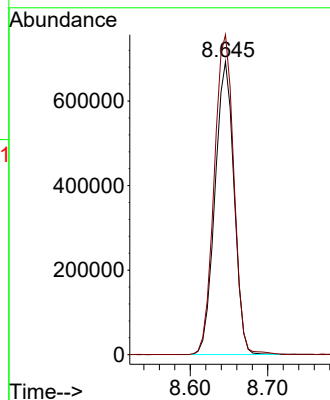
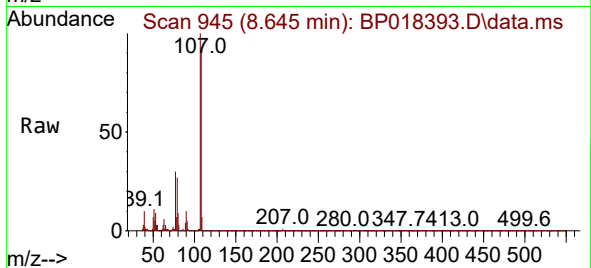
Instrument :

BNA_P

ClientSampleId :

Tgt Ion:108 Resp: 1182259

Ion	Ratio	Lower	Upper
108	100		
107	109.2	89.5	134.3



#19

Hexachloroethane

Concen: 28.785 ng/ul

RT: 8.945 min Scan# 996

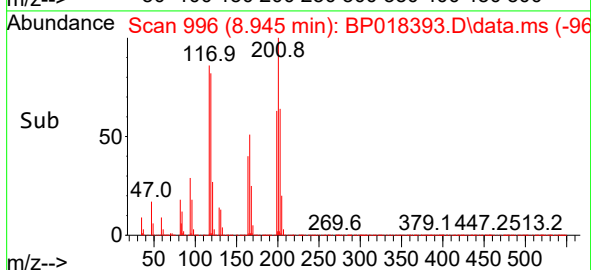
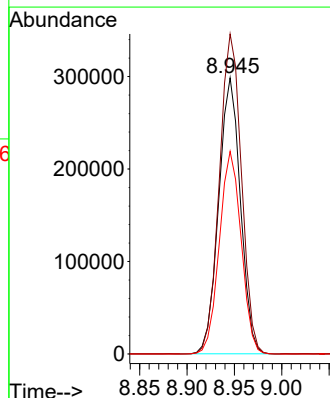
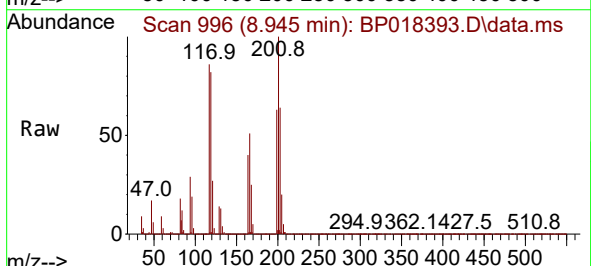
Delta R.T. -0.006 min

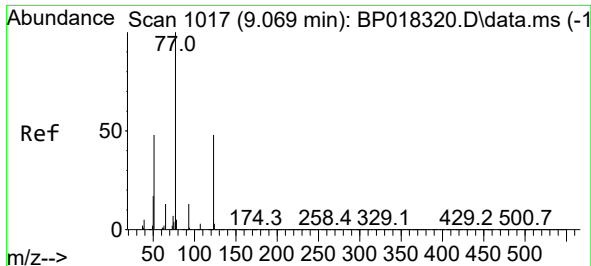
Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Tgt Ion:117 Resp: 476445

Ion	Ratio	Lower	Upper
117	100		
201	115.9	85.6	128.4
199	73.4	54.2	81.4

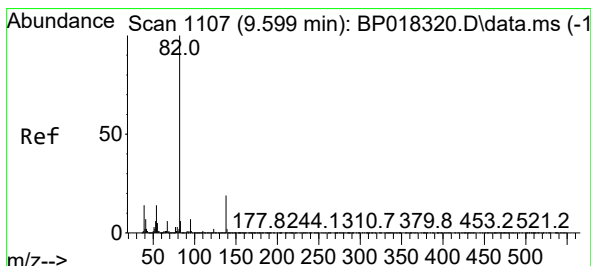
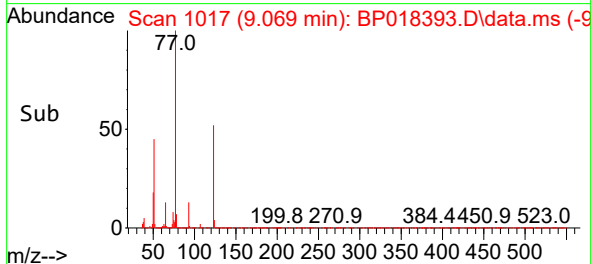
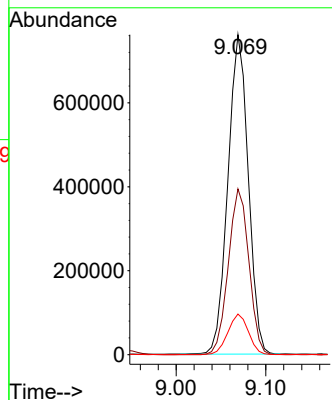
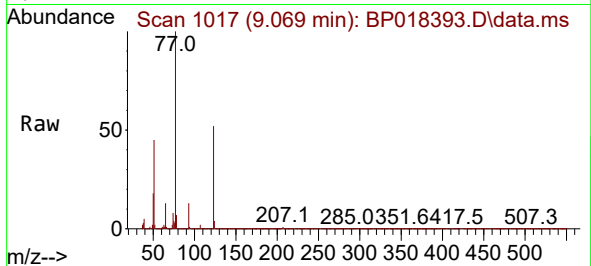




#22
Nitrobenzene
Concen: 29.301 ng/ul
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

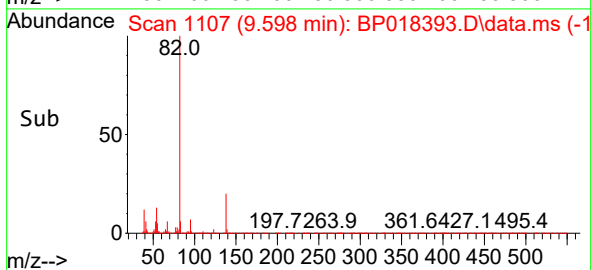
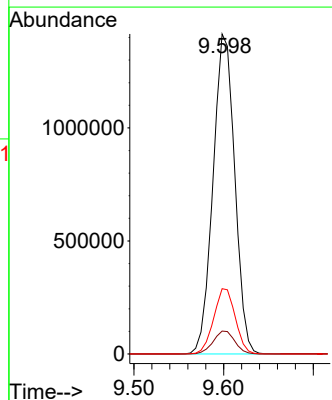
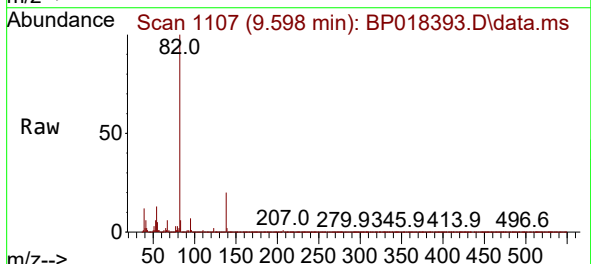
Instrument :
BNA_P
ClientSampleId :

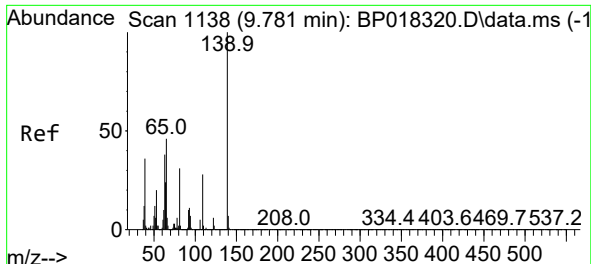
Tgt Ion: 77 Resp: 1200353
Ion Ratio Lower Upper
77 100
123 51.8 37.7 56.5
65 12.7 10.5 15.7



#23
Isophorone
Concen: 26.056 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion: 82 Resp: 2379035
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 20.4 14.9 22.3

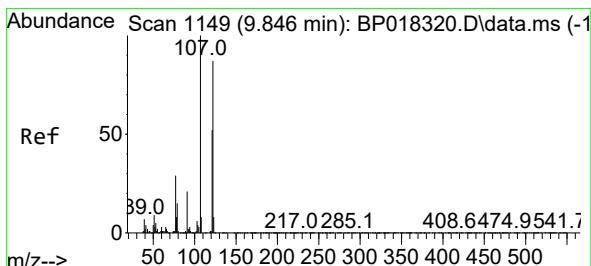
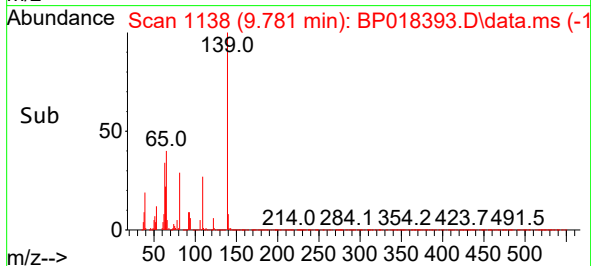
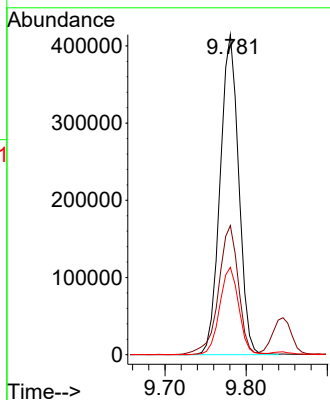
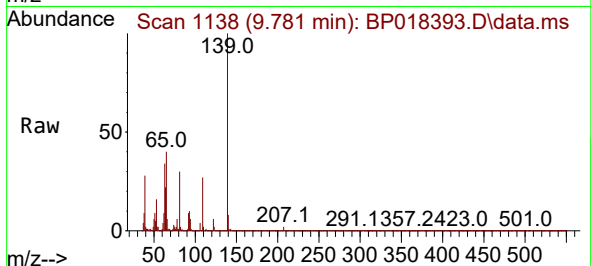




#25
2-Nitrophenol
Concen: 36.312 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

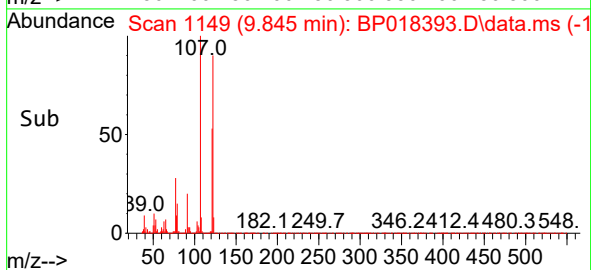
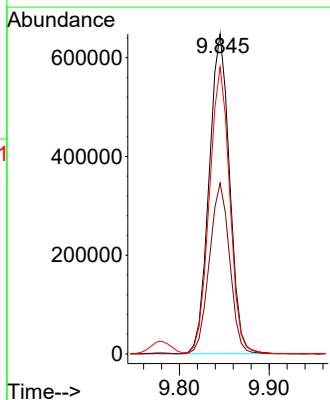
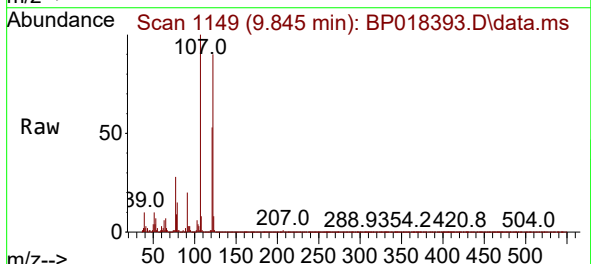
Instrument :
BNA_P
ClientSampleId :

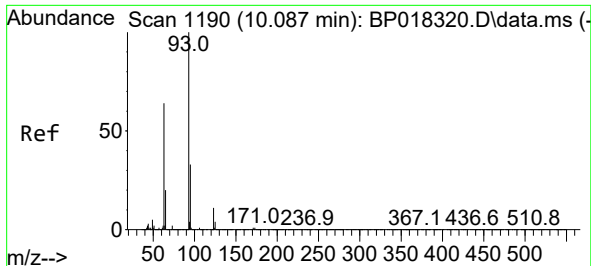
Tgt Ion:139 Resp: 659778
Ion Ratio Lower Upper
139 100
65 40.4 38.3 57.5
109 27.3 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 25.172 ng/ul
RT: 9.845 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:107 Resp: 1026874
Ion Ratio Lower Upper
107 100
121 53.4 40.0 60.0
122 89.7 70.4 105.6

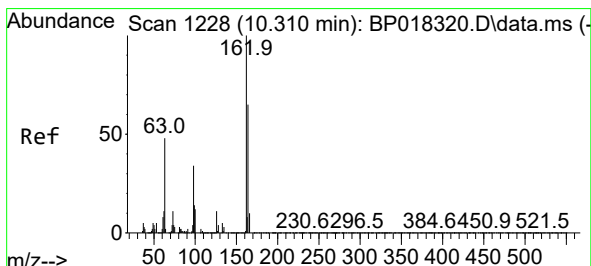
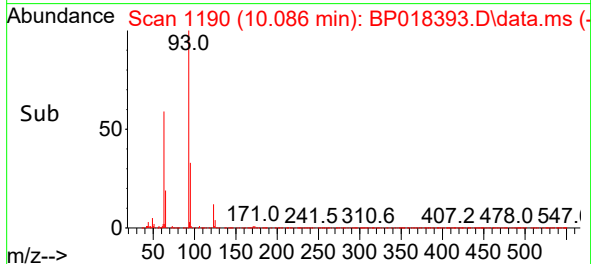
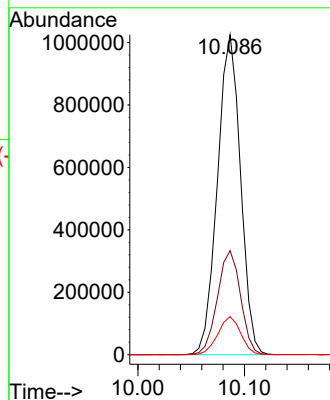
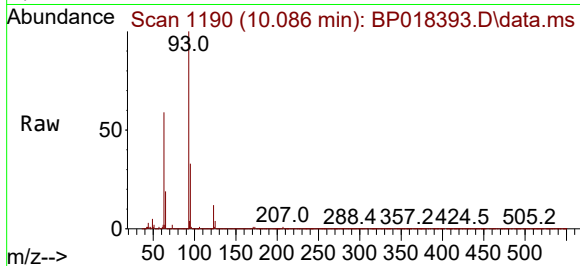




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.926 ng/ul
 RT: 10.086 min Scan# 1190
 Delta R.T. -0.000 min
 Lab File: BP018393.D
 Acq: 26 Nov 2023 06:01

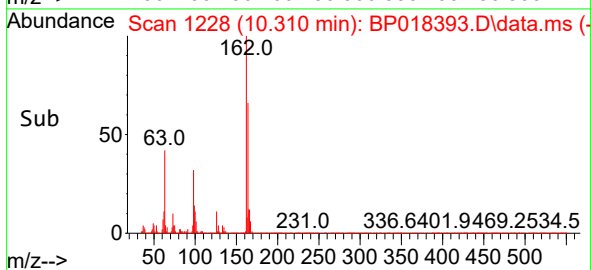
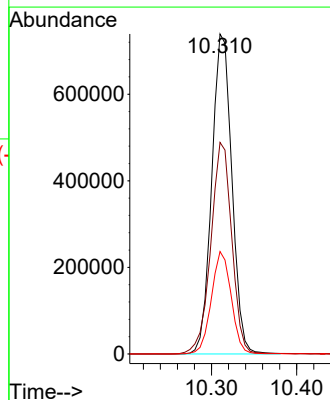
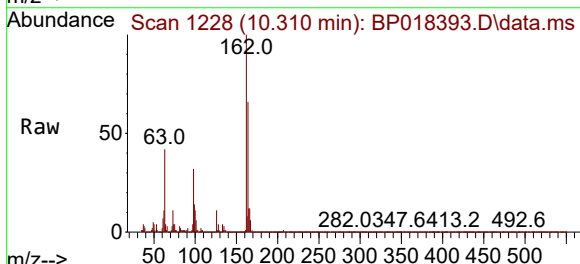
Instrument :
 BNA_P
 ClientSampleId :

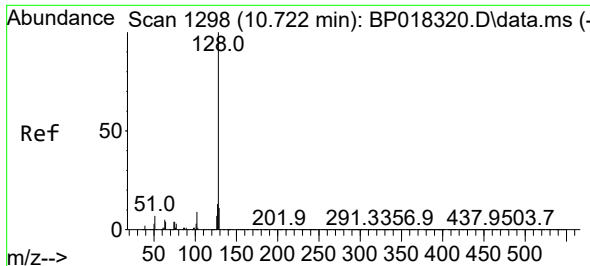
Tgt Ion: 93 Resp: 1539932
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 11.9 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 32.480 ng/ul
 RT: 10.310 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BP018393.D
 Acq: 26 Nov 2023 06:01

Tgt Ion:162 Resp: 1212163
 Ion Ratio Lower Upper
 162 100
 164 66.1 53.0 79.6
 98 32.0 27.7 41.5

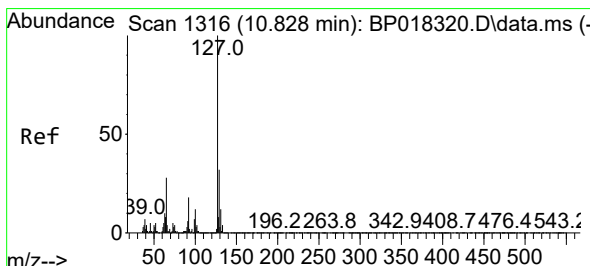
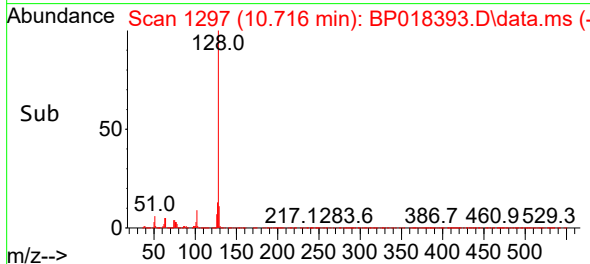
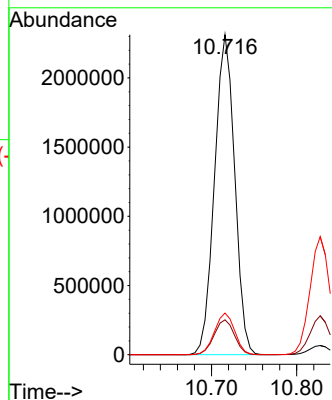
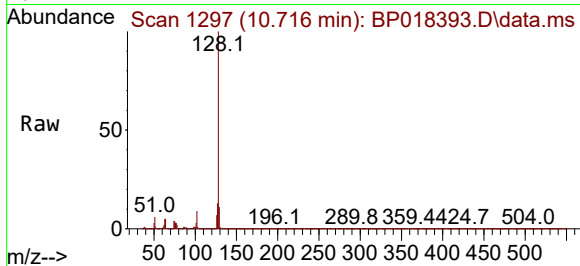




#30
Naphthalene
Concen: 29.208 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

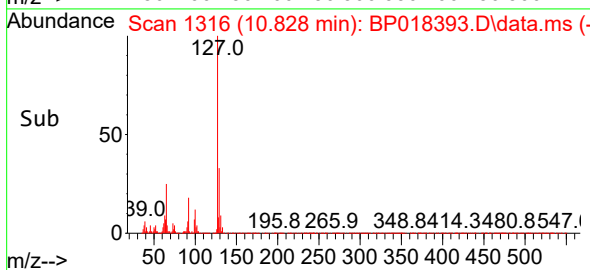
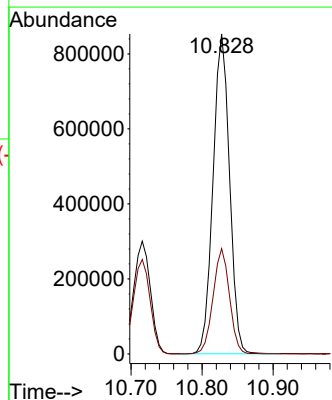
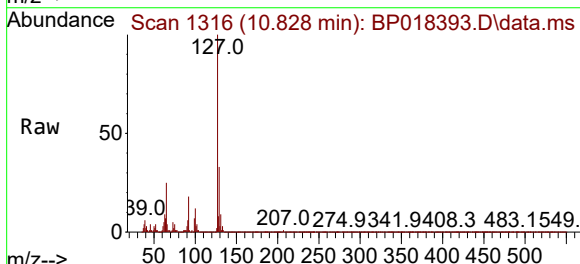
Instrument :
BNA_P
ClientSampleId :

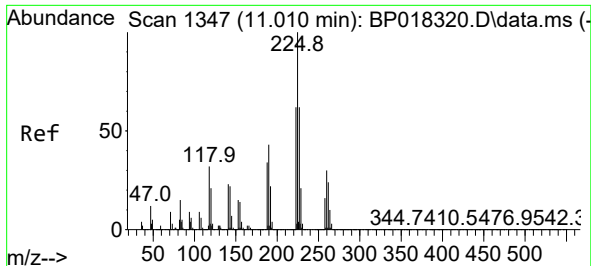
Tgt Ion:128 Resp: 3803061
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 27.732 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:127 Resp: 1375131
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8

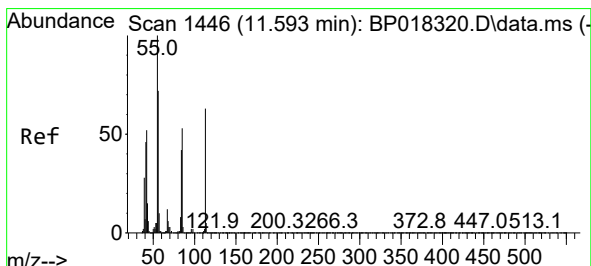
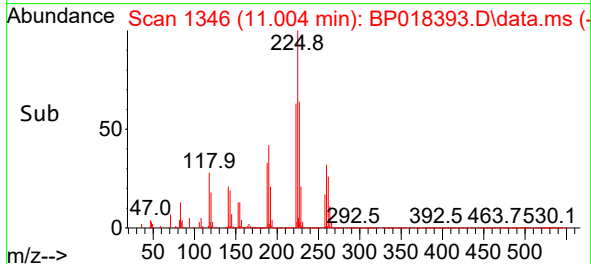
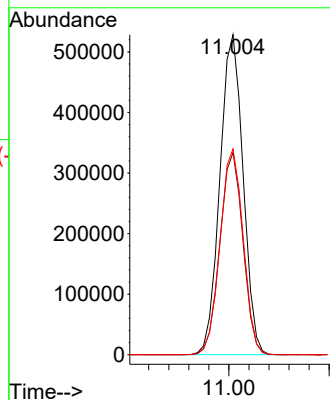
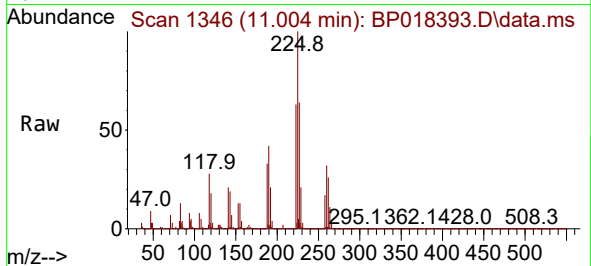




#33
Hexachlorobutadiene
Concen: 33.310 ng/ul
RT: 11.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

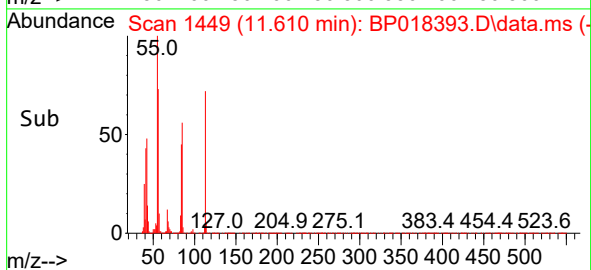
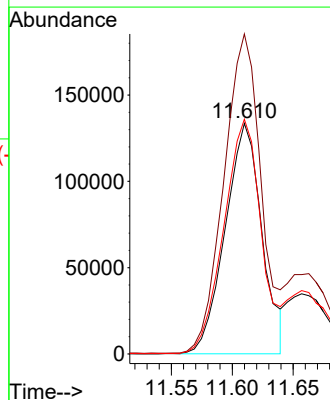
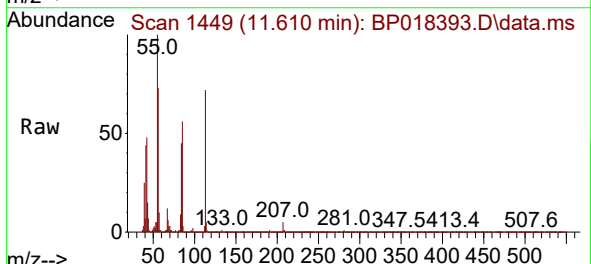
Instrument :
BNA_P
ClientSampleId :

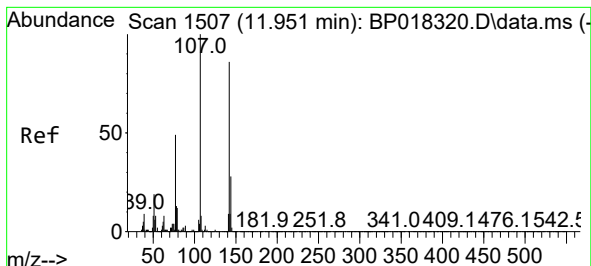
Tgt Ion:225 Resp: 847874
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.4
227 64.3 50.4 75.6



#34
Caprolactam
Concen: 25.924 ng/ul
RT: 11.610 min Scan# 1449
Delta R.T. 0.023 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:113 Resp: 278804
Ion Ratio Lower Upper
113 100
55 138.7 129.0 193.4
56 101.8 94.8 142.2

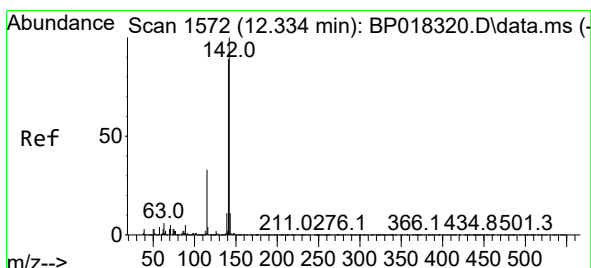
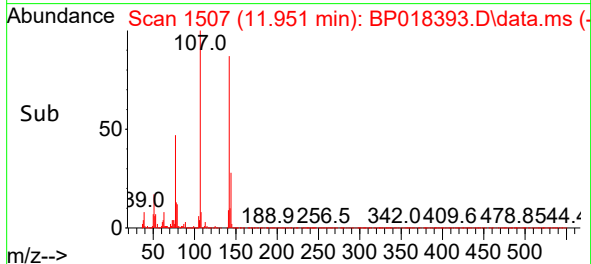
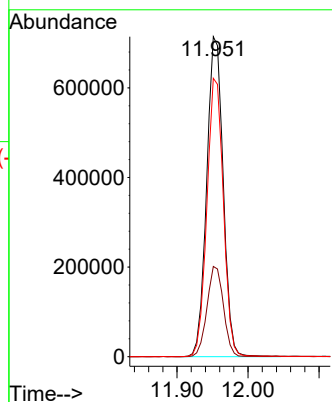
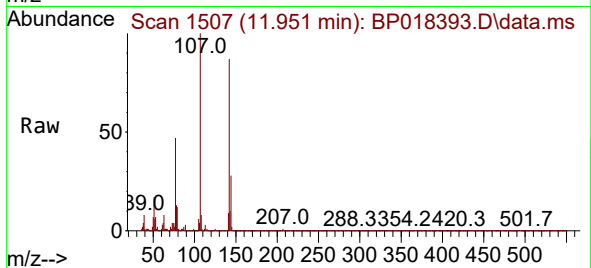




#35
4-Chloro-3-methylphenol
Concen: 28.877 ng/ul
RT: 11.951 min Scan# 1152278
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

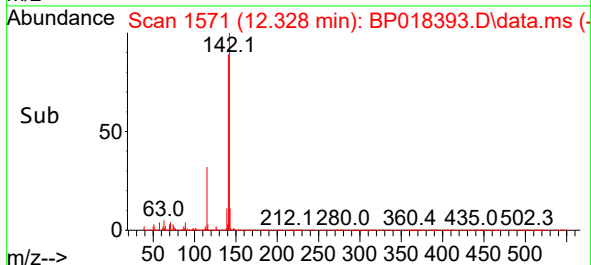
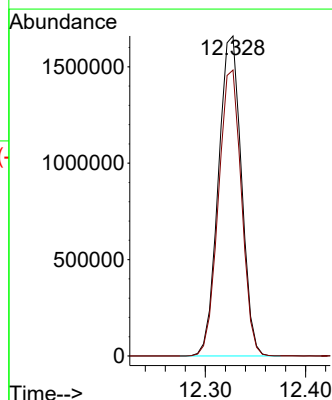
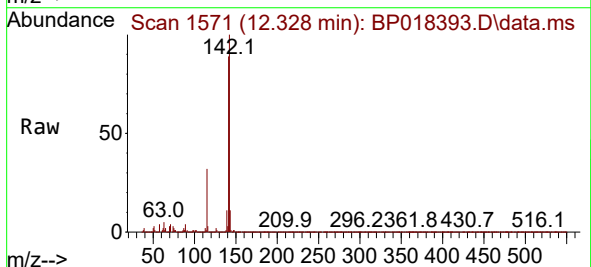
Instrument :
BNA_P
ClientSampleId :

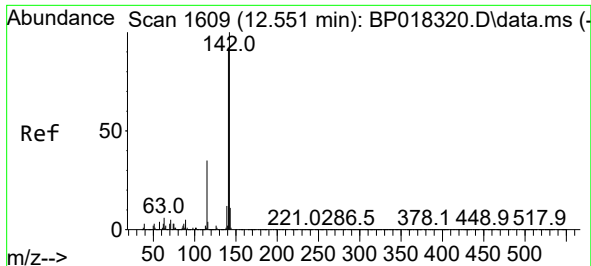
Tgt Ion:107 Resp: 1152278
Ion Ratio Lower Upper
107 100
144 28.2 21.6 32.4
142 87.0 65.4 98.0



#36
2-Methylnaphthalene
Concen: 28.728 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:142 Resp: 2647313
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4





#37

1-Methylnaphthalene

Concen: 27.976 ng/ul

RT: 12.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

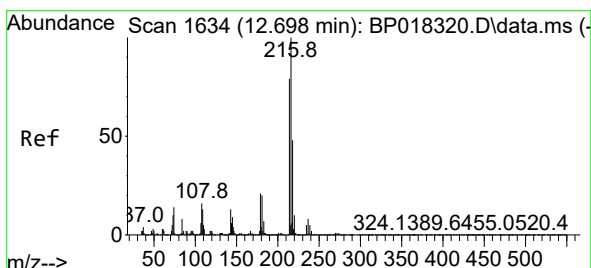
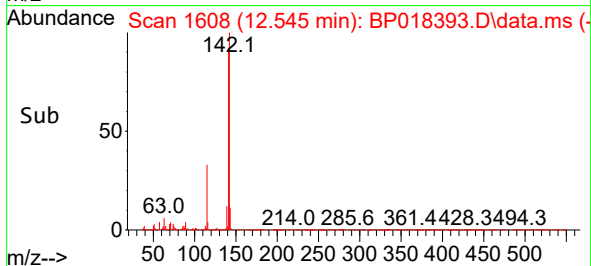
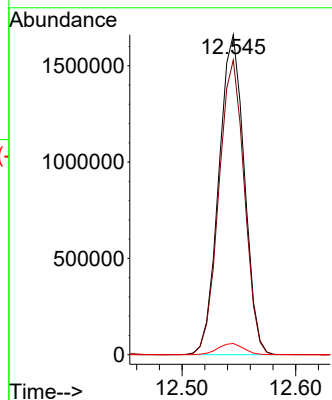
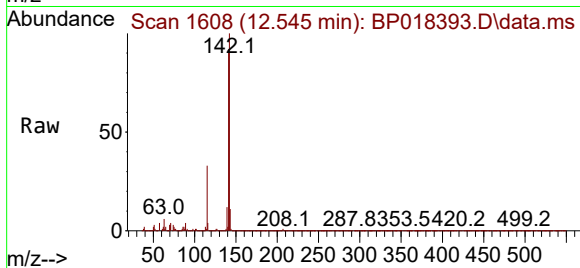
Tgt Ion:142 Resp: 2594965

Ion Ratio Lower Upper

142 100

141 92.1 73.9 110.9

116 3.5 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.414 ng/ul

RT: 12.692 min Scan# 1633

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Tgt Ion:216 Resp: 1565145

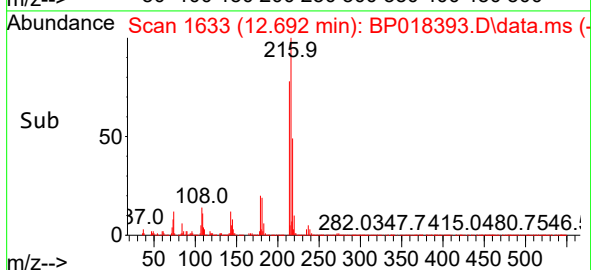
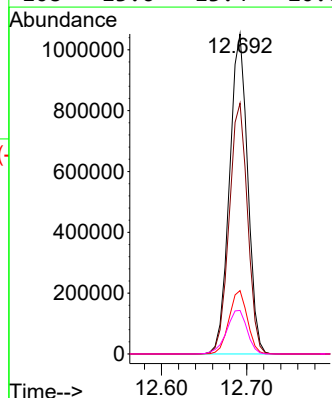
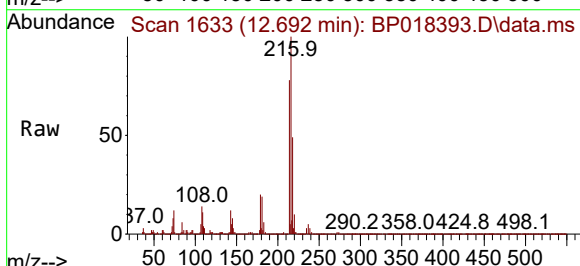
Ion Ratio Lower Upper

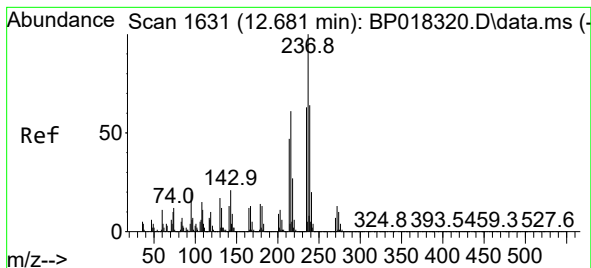
216 100

214 78.4 63.3 94.9

179 19.8 17.3 25.9

108 13.6 13.4 20.0





#40

Hexachlorocyclopentadiene

Concen: 26.735 ng/ul

RT: 12.675 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

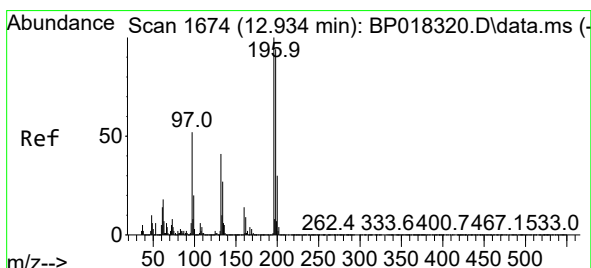
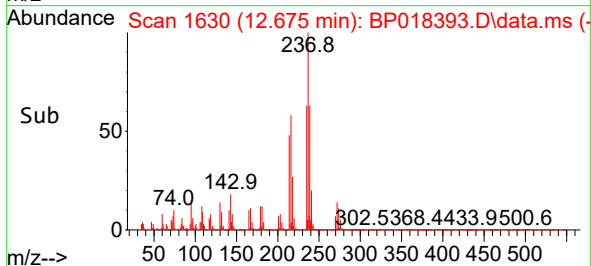
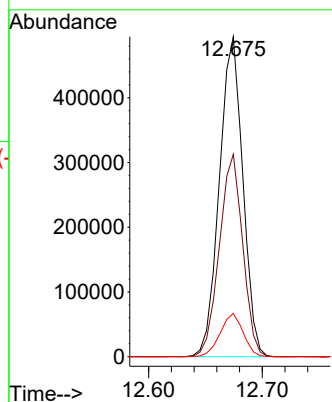
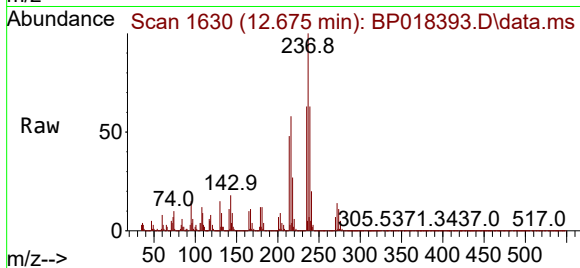
Tgt Ion:237 Resp: 709266

Ion Ratio Lower Upper

237 100

235 63.3 50.7 76.1

272 13.5 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 34.228 ng/ul

RT: 12.933 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

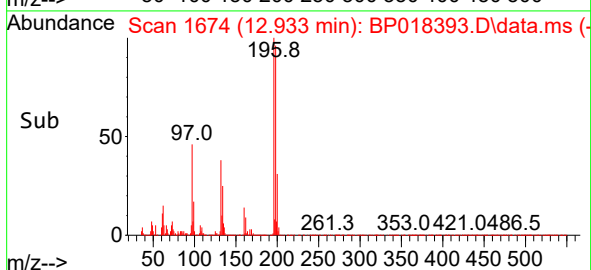
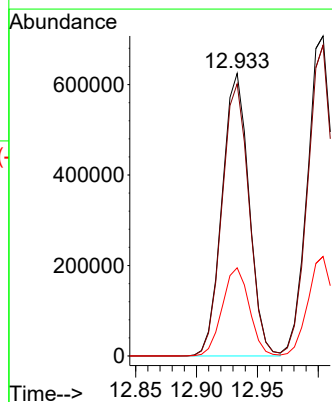
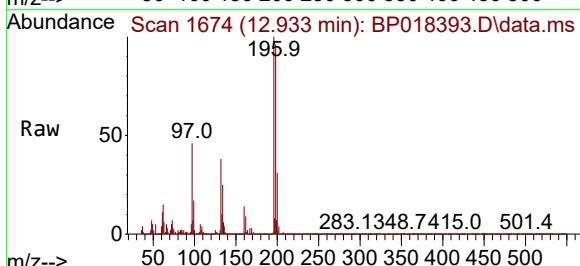
Tgt Ion:196 Resp: 962861

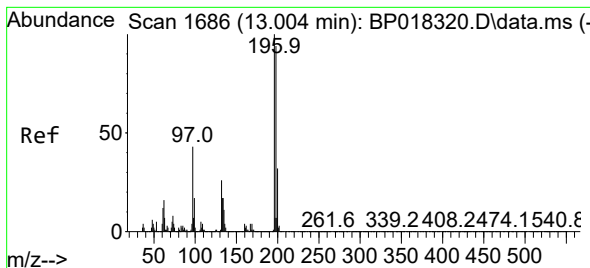
Ion Ratio Lower Upper

196 100

198 96.3 78.0 117.0

200 31.2 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 34.421 ng/ul

RT: 13.004 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

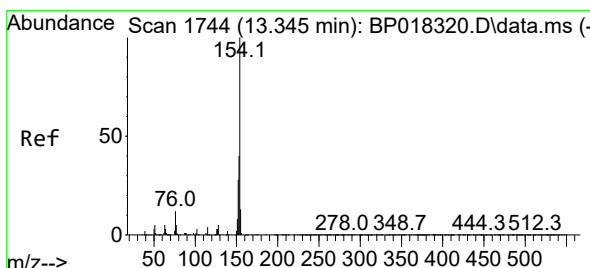
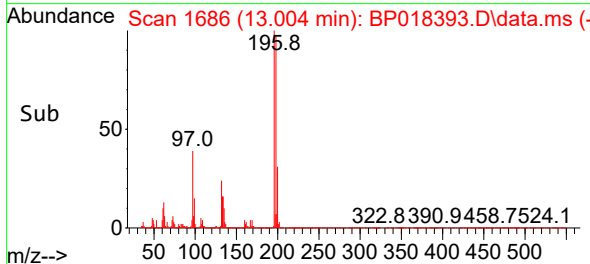
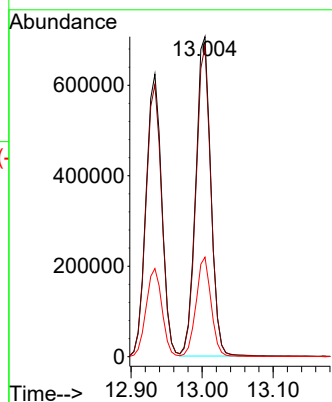
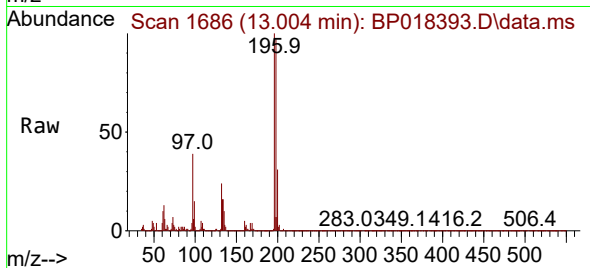
Tgt Ion:196 Resp: 1047045

Ion Ratio Lower Upper

196 100

198 97.1 76.7 115.1

200 31.1 24.6 36.8



#43

1,1'-Biphenyl

Concen: 29.946 ng/ul

RT: 13.339 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

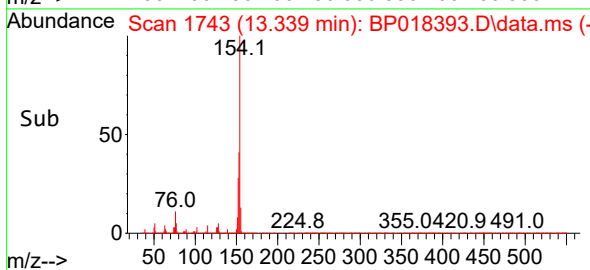
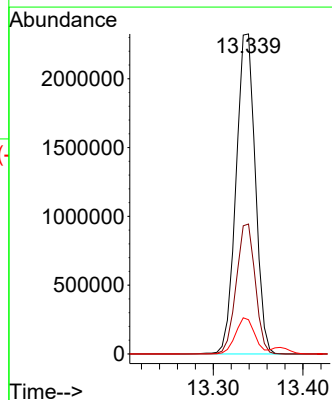
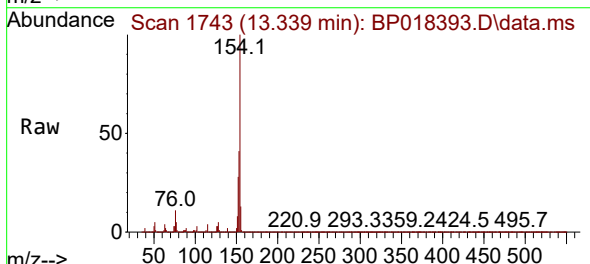
Tgt Ion:154 Resp: 3460438

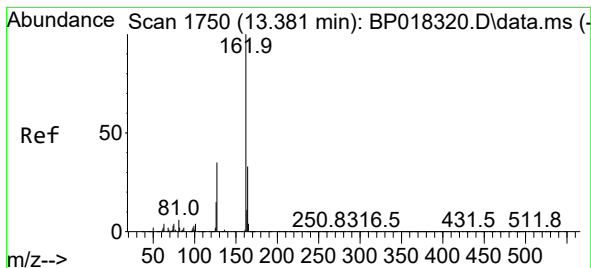
Ion Ratio Lower Upper

154 100

153 40.6 32.2 48.2

76 10.7 9.9 14.9

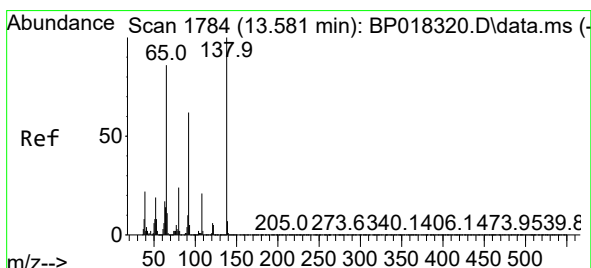
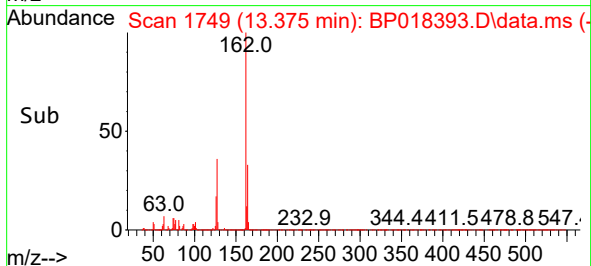
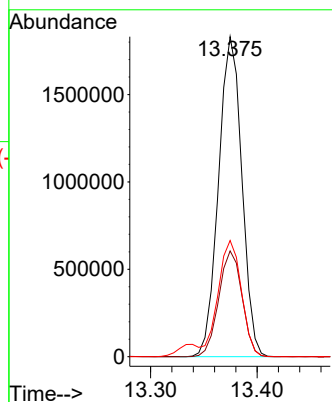
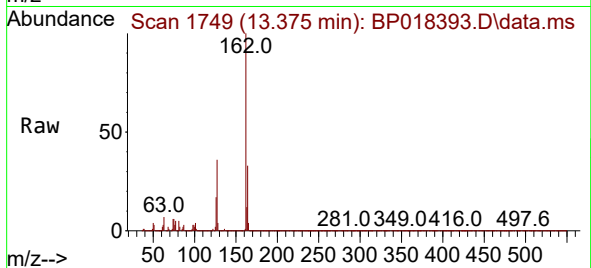




#44
2-Chloronaphthalene
Concen: 30.352 ng/ul
RT: 13.375 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

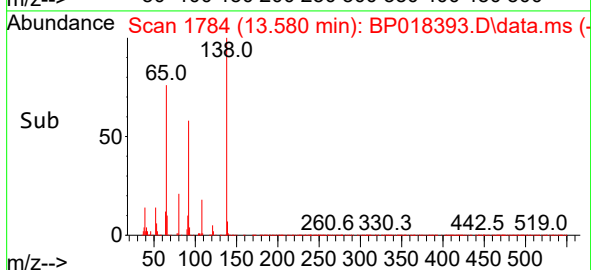
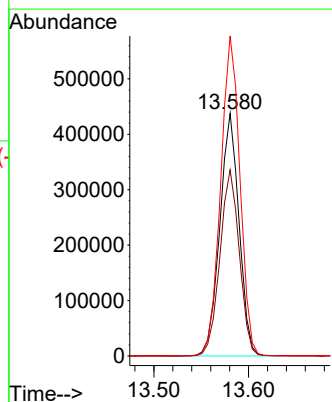
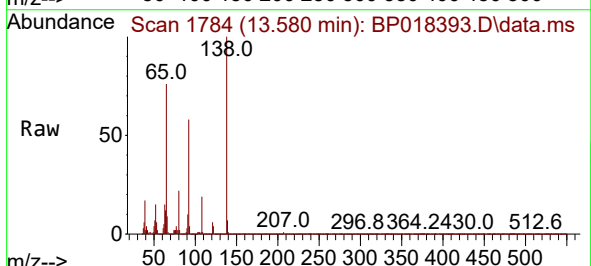
Instrument :
BNA_P
ClientSampleId :

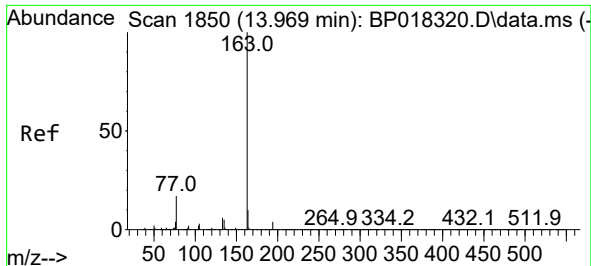
Tgt Ion:162 Resp: 2775939
Ion Ratio Lower Upper
162 100
164 33.1 26.2 39.4
127 36.3 30.6 45.8



#45
2-Nitroaniline
Concen: 31.374 ng/ul
RT: 13.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

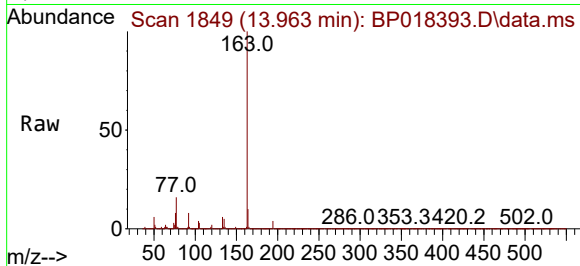
Tgt Ion: 65 Resp: 617422
Ion Ratio Lower Upper
65 100
92 76.7 57.4 86.2
138 132.0 90.6 136.0



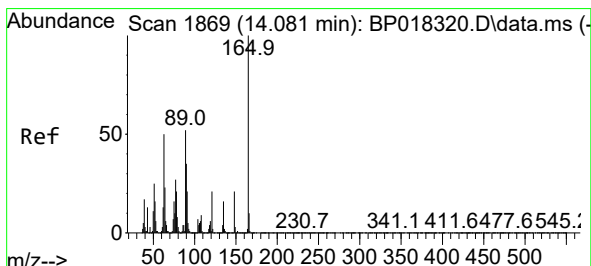
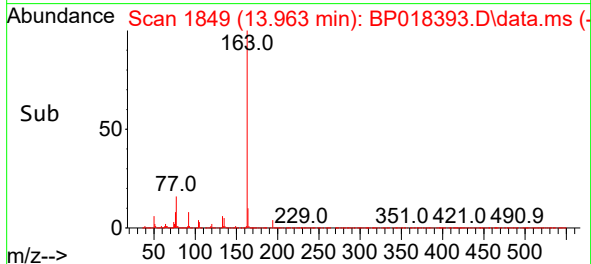
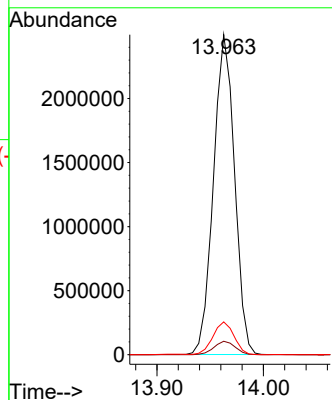


#47
Dimethylphthalate
Concen: 29.691 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Instrument :
BNA_P
ClientSampleId :

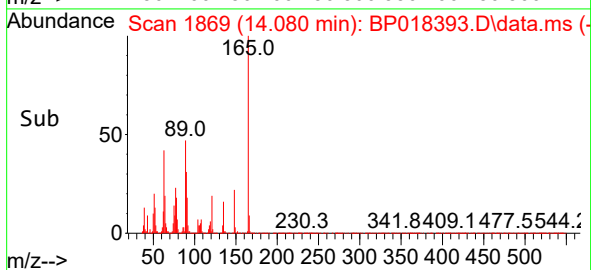
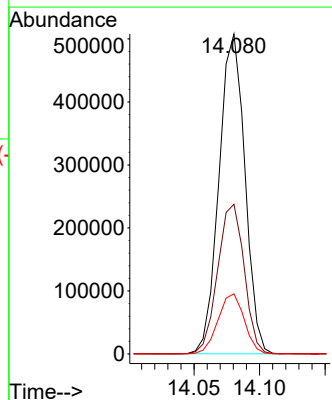
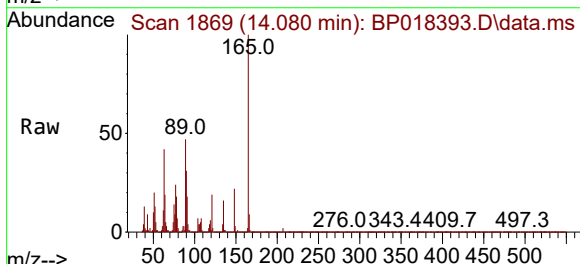


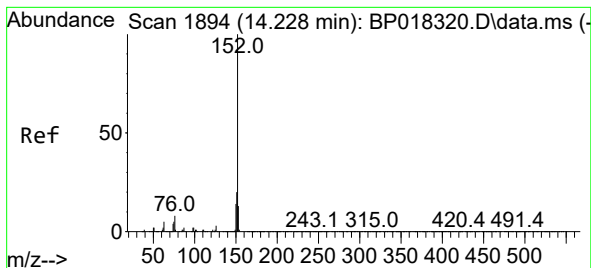
Tgt Ion:163 Resp: 3428389
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 35.787 ng/ul
RT: 14.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

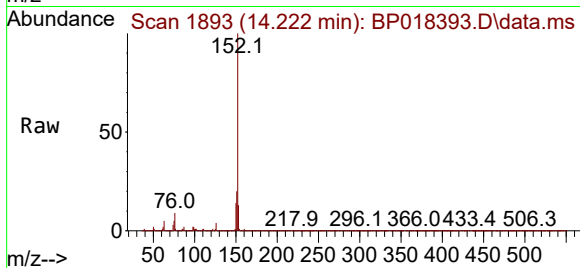
Tgt Ion:165 Resp: 696679
Ion Ratio Lower Upper
165 100
89 46.8 45.8 68.6
121 18.8 17.8 26.8



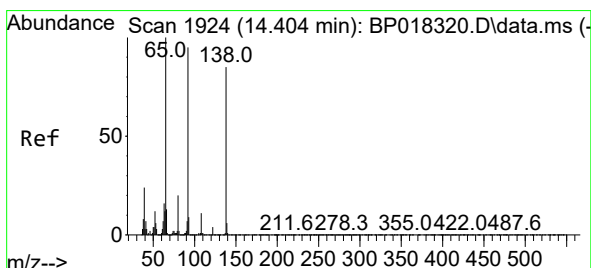
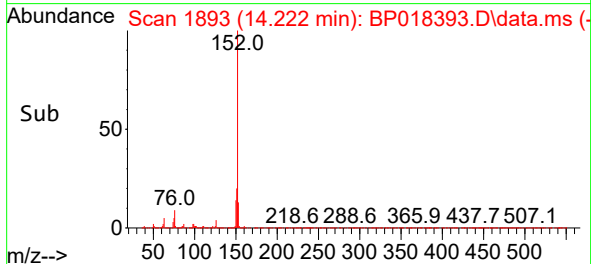
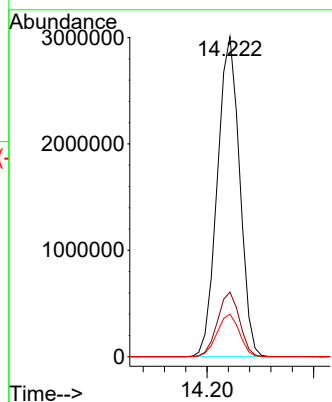


#50
Acenaphthylene
Concen: 29.121 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Instrument :
BNA_P
ClientSampleId :

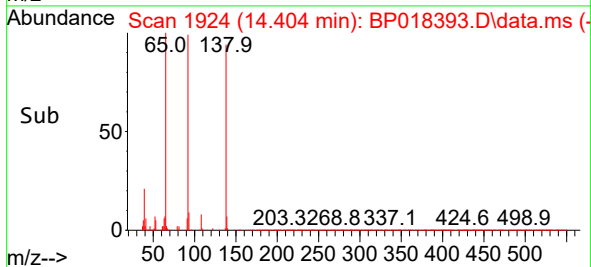
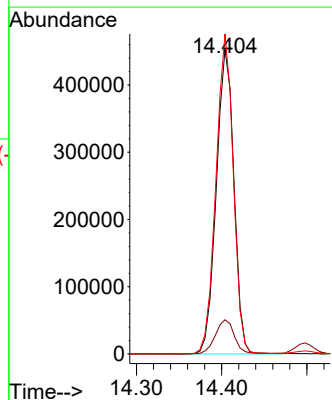
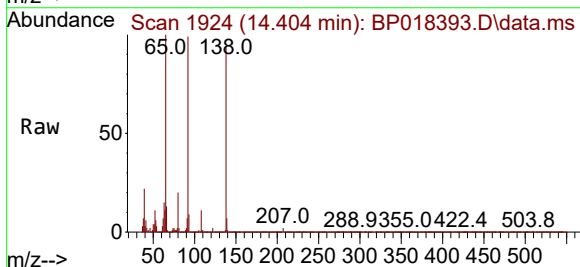


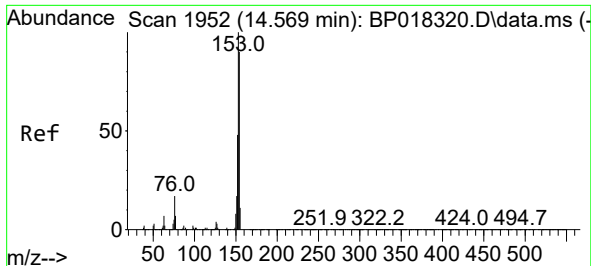
Tgt Ion:152 Resp: 4364813
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.3 10.8 16.2



#51
3-Nitroaniline
Concen: 33.579 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:138 Resp: 649512
Ion Ratio Lower Upper
138 100
108 11.3 13.2 19.8#
92 105.1 90.2 135.4

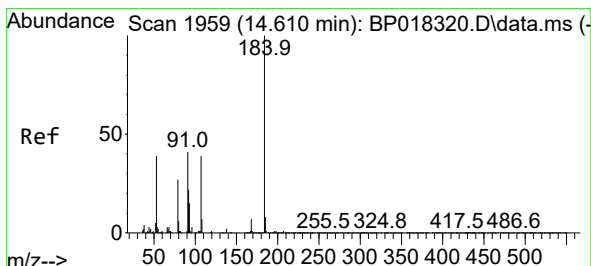
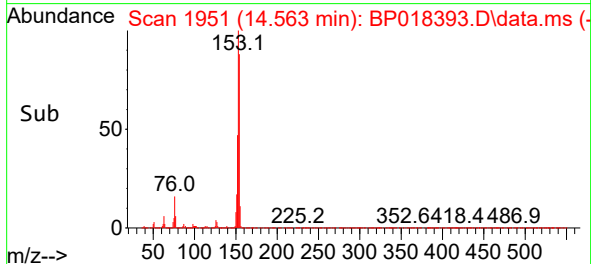
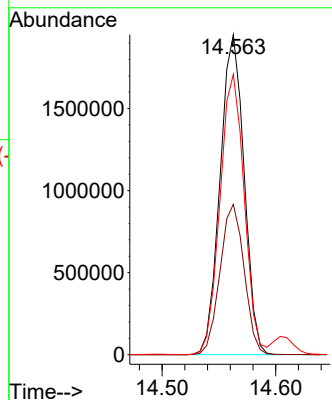
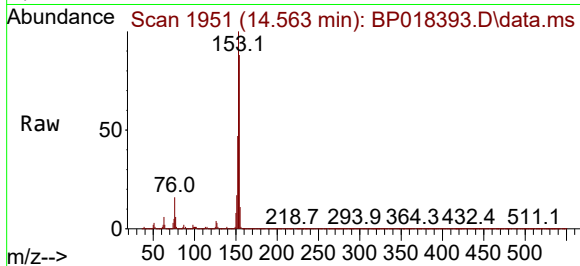




#52
Acenaphthene
Concen: 29.199 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

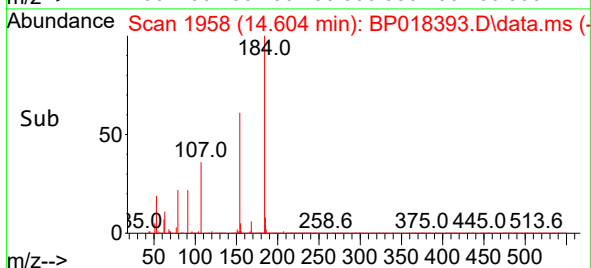
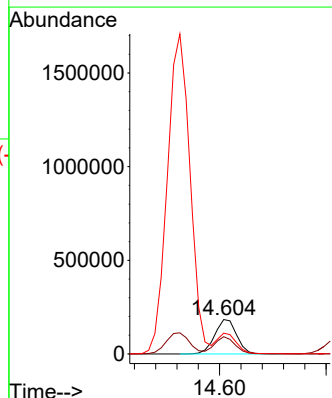
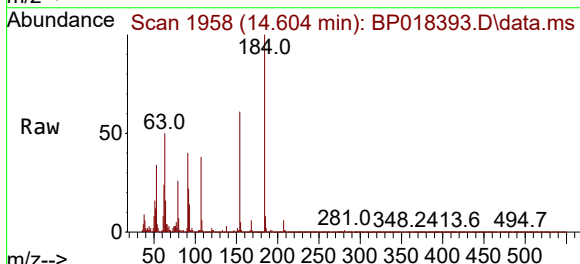
Instrument :
BNA_P
ClientSampleId :

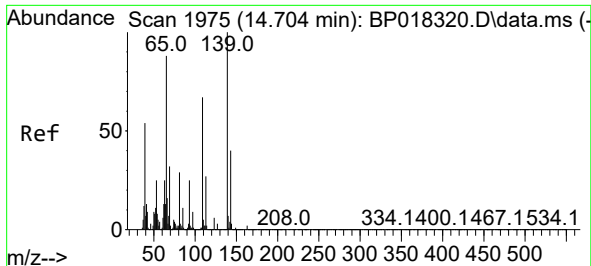
Tgt Ion:153 Resp: 2859028
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.8
154 87.6 71.2 106.8



#53
2,4-Dinitrophenol
Concen: 38.821 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:184 Resp: 263665
Ion Ratio Lower Upper
184 100
63 50.1 41.8 62.6
154 60.5 47.3 70.9

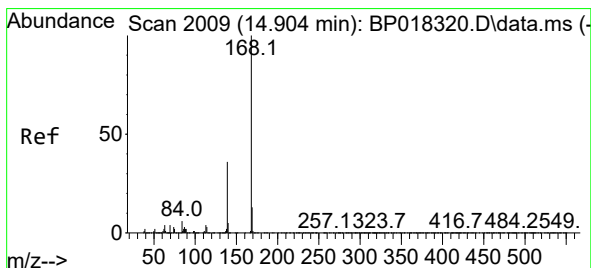
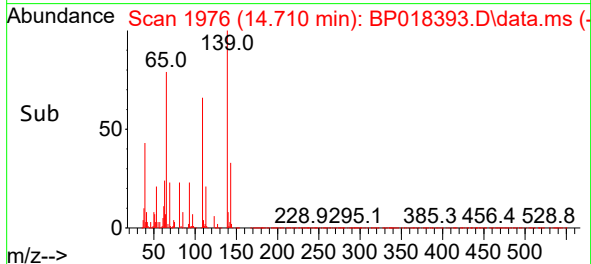
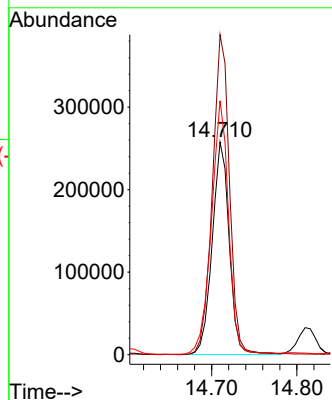
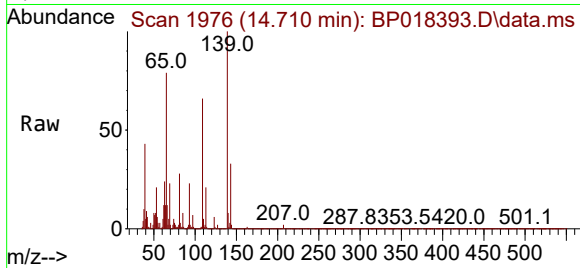




#55
4-Nitrophenol
Concen: 29.599 ng/ul
RT: 14.710 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

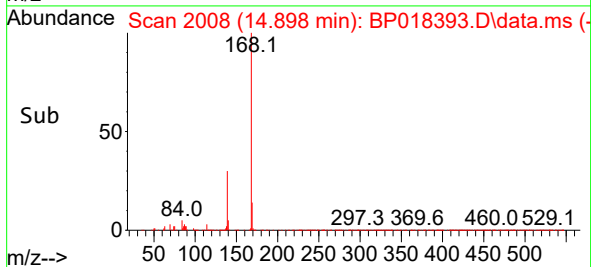
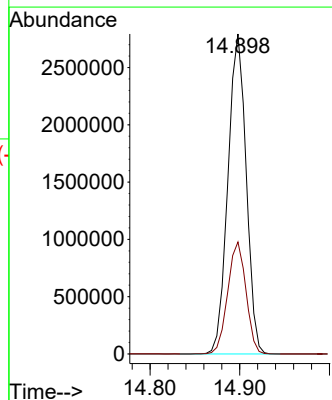
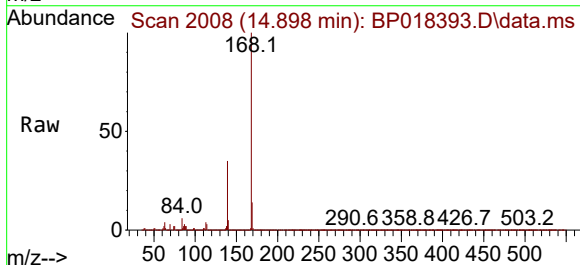
Instrument :
BNA_P
ClientSampleId :

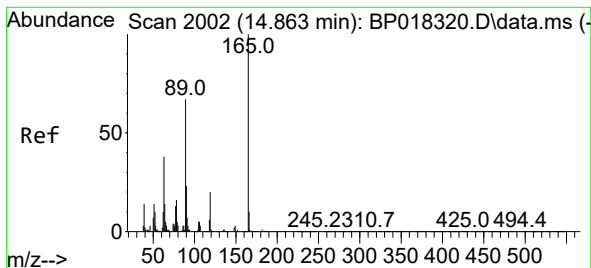
Tgt Ion:109 Resp: 357250
Ion Ratio Lower Upper
109 100
139 150.5 113.0 169.4
65 119.4 99.6 149.4



#56
Dibenzofuran
Concen: 29.459 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:168 Resp: 3943493
Ion Ratio Lower Upper
168 100
139 35.0 29.0 43.4

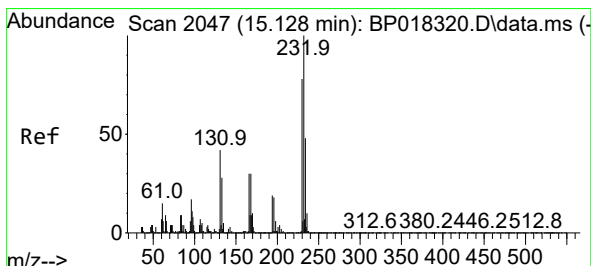
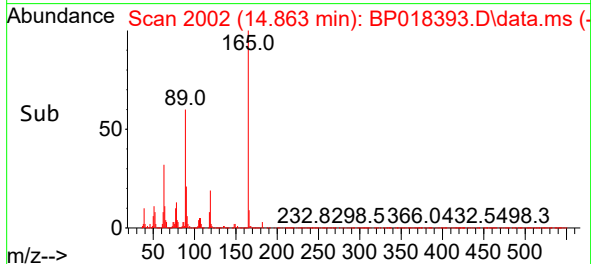
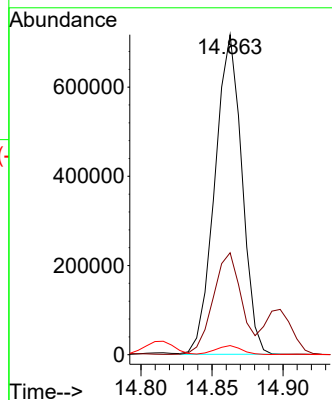
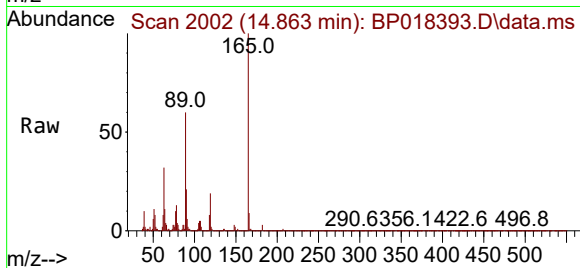




#57
2,4-Dinitrotoluene
Concen: 36.083 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

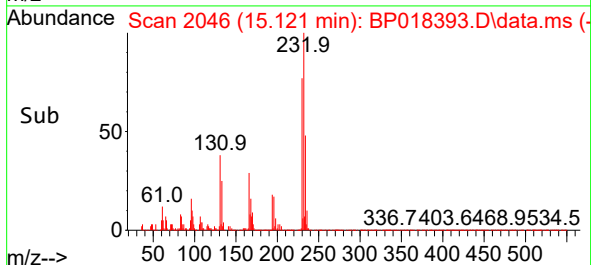
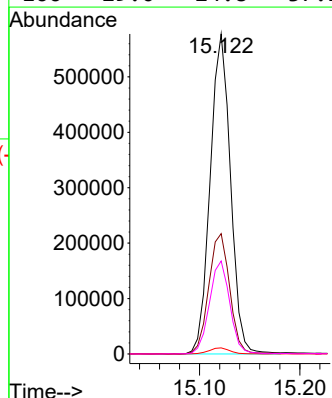
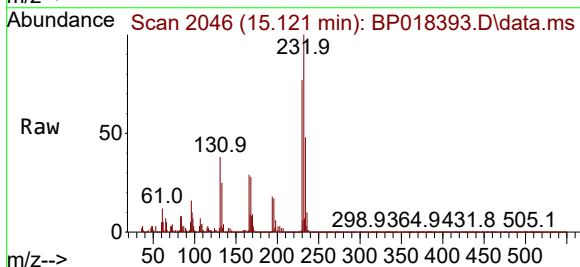
Instrument :
BNA_P
ClientSampleId :

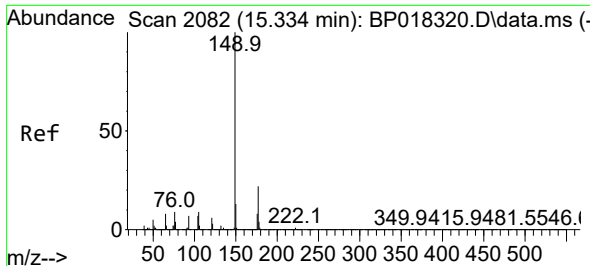
Tgt Ion:165 Resp: 949246
Ion Ratio Lower Upper
165 100
63 31.8 32.1 48.1#
182 2.9 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.049 ng/ul
RT: 15.121 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

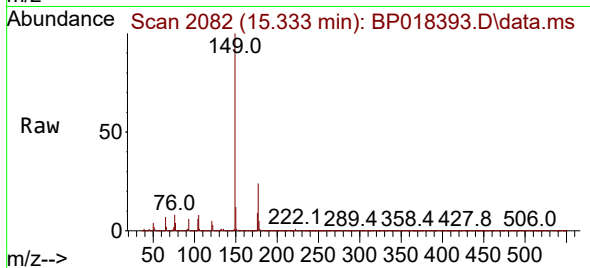
Tgt Ion:232 Resp: 813399
Ion Ratio Lower Upper
232 100
131 37.6 34.1 51.1
130 1.9 1.8 2.6
166 29.0 24.8 37.2



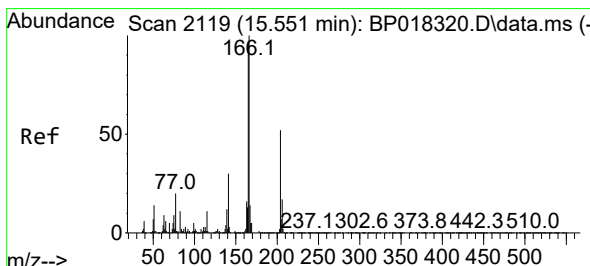
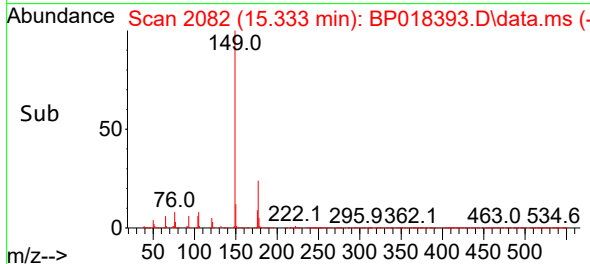
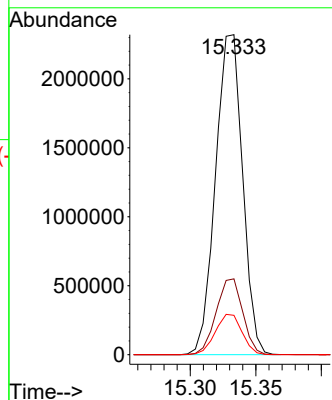


#59
Diethylphthalate
Concen: 28.720 ng/ul
RT: 15.333 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Instrument :
BNA_P
ClientSampleId :

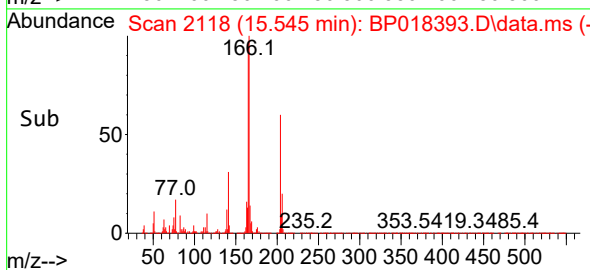
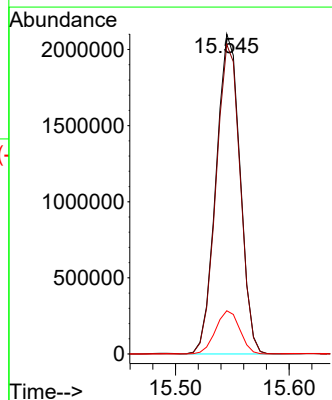
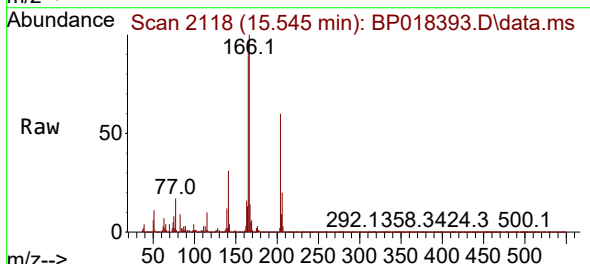


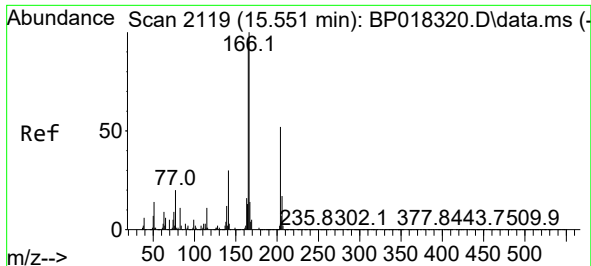
Tgt Ion:149 Resp: 3331361
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 12.3 10.2 15.2



#61
Fluorene
Concen: 28.315 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:166 Resp: 3091030
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.5 10.6 16.0

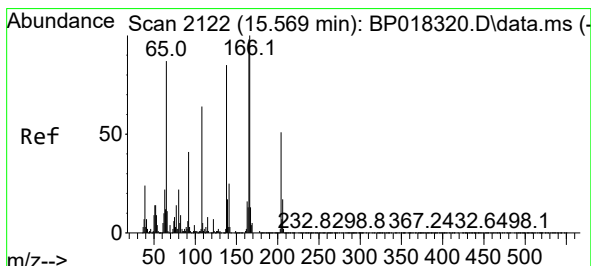
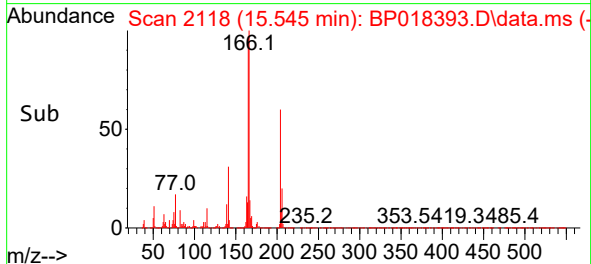
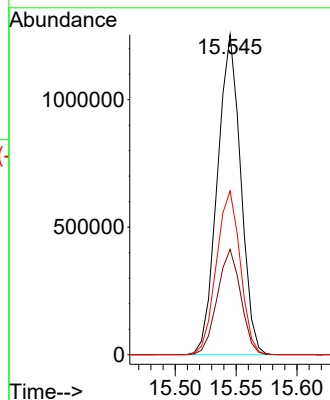
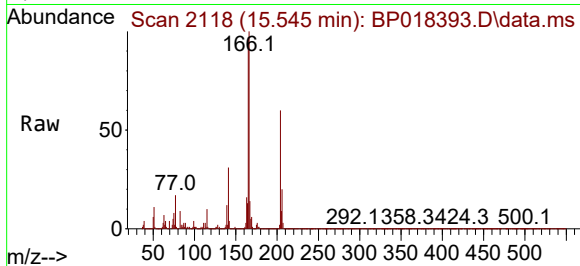




#62
4-Chlorophenyl-phenylether
Concen: 30.227 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

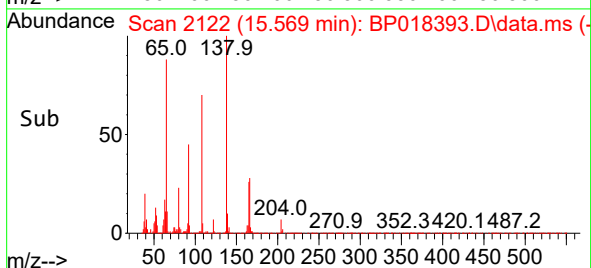
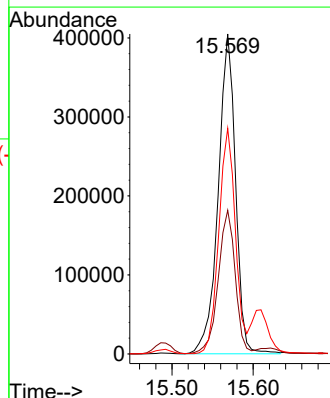
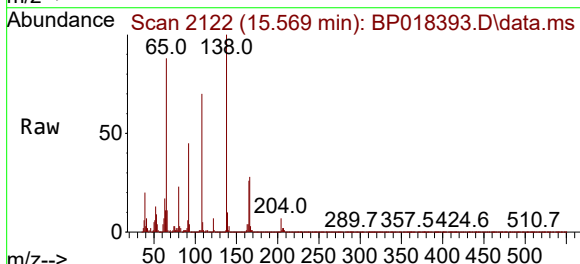
Instrument :
BNA_P
ClientSampleId :

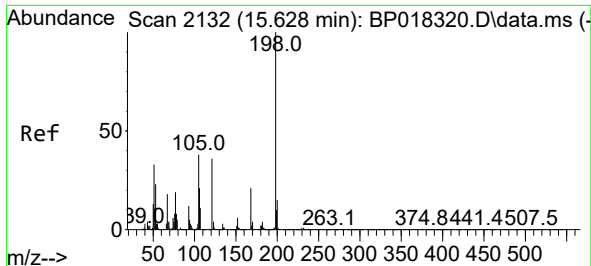
Tgt Ion:204 Resp: 1675610
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 51.2 44.8 67.2



#63
4-Nitroaniline
Concen: 33.060 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:138 Resp: 603486
Ion Ratio Lower Upper
138 100
92 44.9 39.3 58.9
108 70.5 61.8 92.6

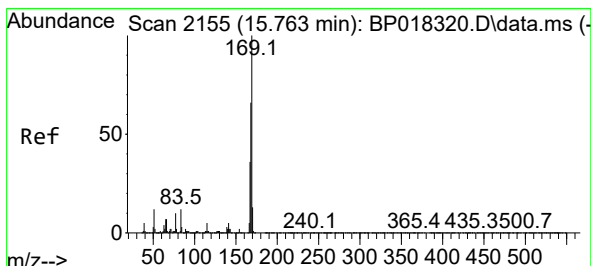
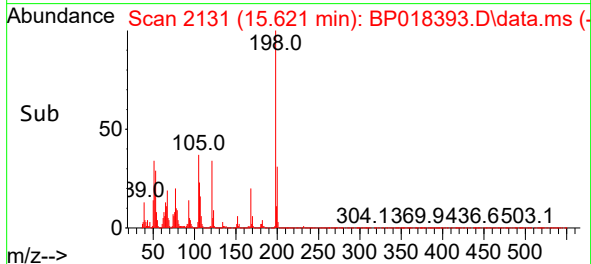
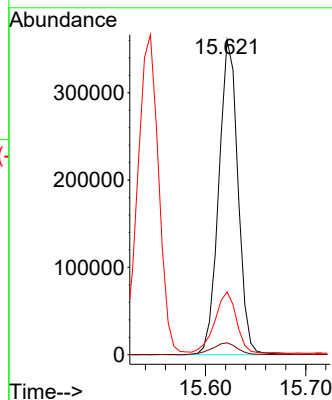
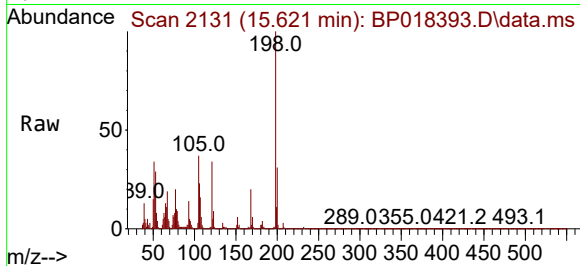




#66
4,6-Dinitro-2-methylphenol
Concen: 38.074 ng/ul
RT: 15.621 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

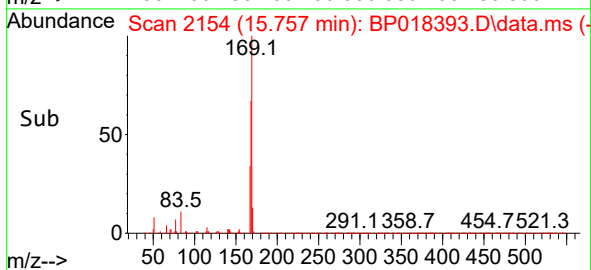
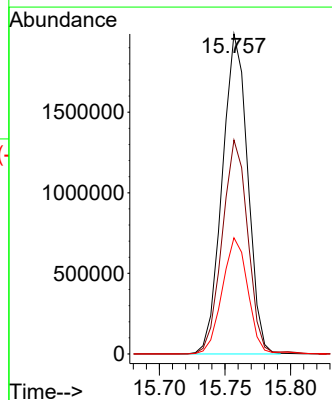
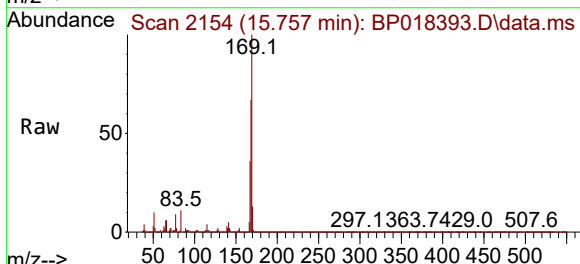
Instrument :
BNA_P
ClientSampleId :

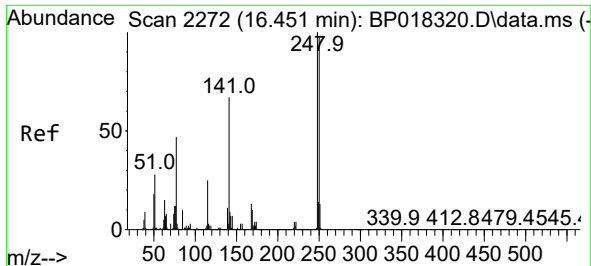
Tgt Ion:198 Resp: 477658
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.4
77 19.9 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 29.725 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:169 Resp: 2678469
Ion Ratio Lower Upper
169 100
168 66.9 53.1 79.7
167 36.3 28.8 43.2

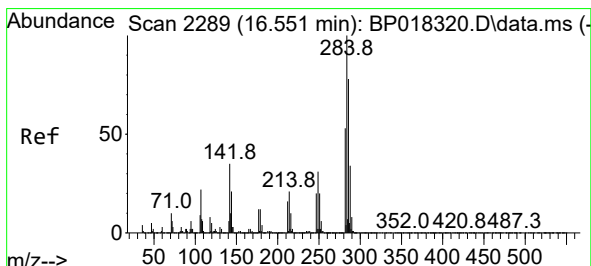
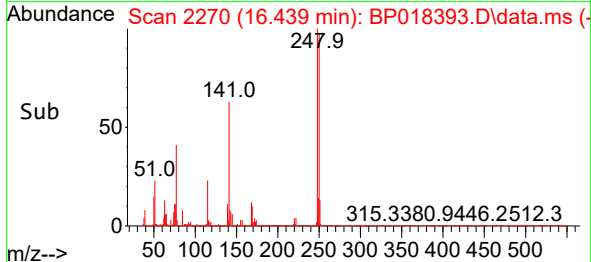
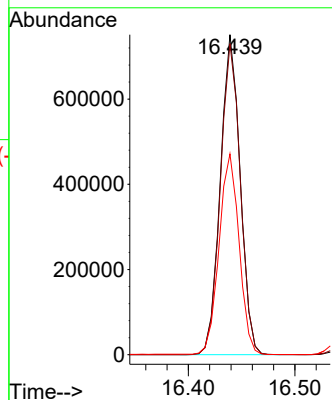
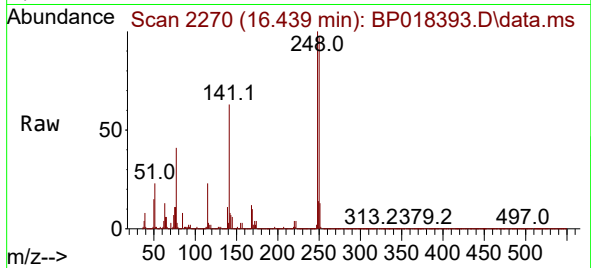




#68
4-Bromophenyl-phenylether
Concen: 28.853 ng/ul
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

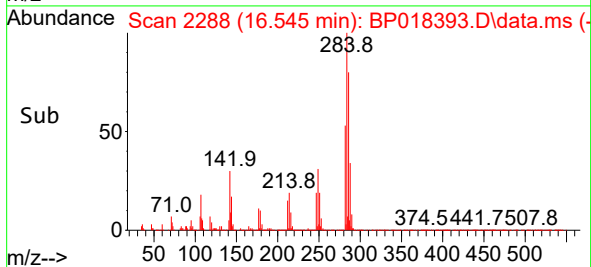
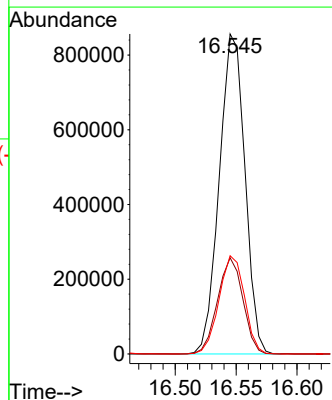
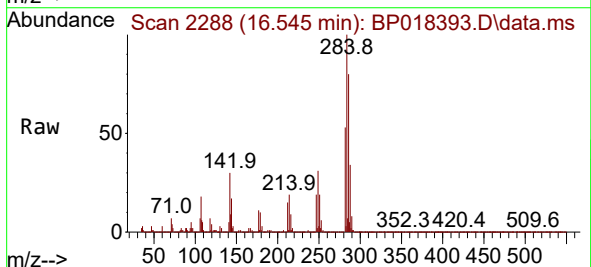
Instrument :
BNA_P
ClientSampleId :

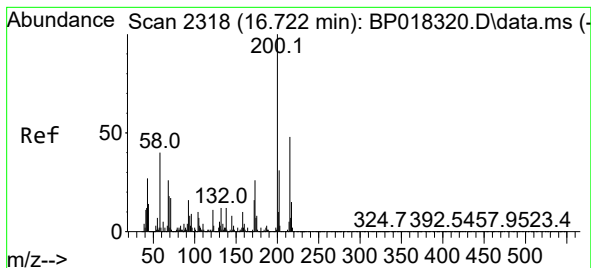
Tgt Ion:248 Resp: 967993
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 62.7 56.0 84.0



#69
Hexachlorobenzene
Concen: 33.486 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:284 Resp: 1255931
Ion Ratio Lower Upper
284 100
142 30.1 28.9 43.3
249 30.7 26.0 39.0





#70

Atrazine

Concen: 28.176 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

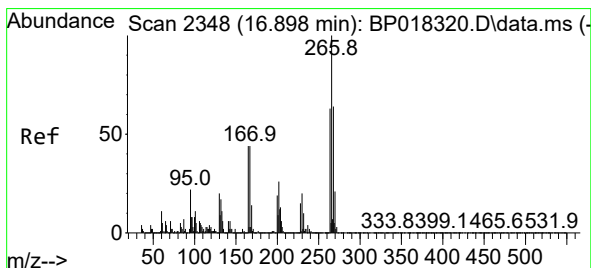
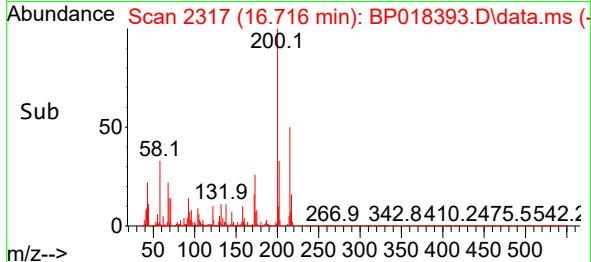
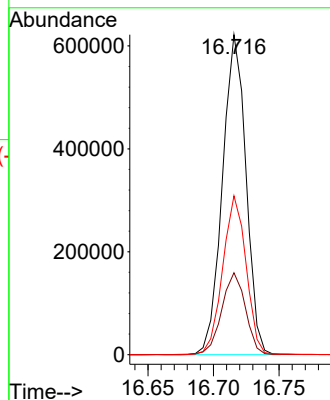
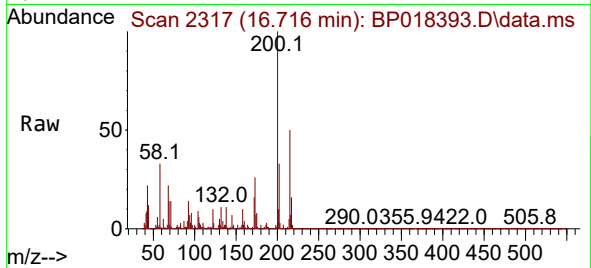
Tgt Ion:200 Resp: 775103

Ion Ratio Lower Upper

200 100

173 25.6 21.1 31.7

215 49.7 38.3 57.5



#71

Pentachlorophenol

Concen: 34.670 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

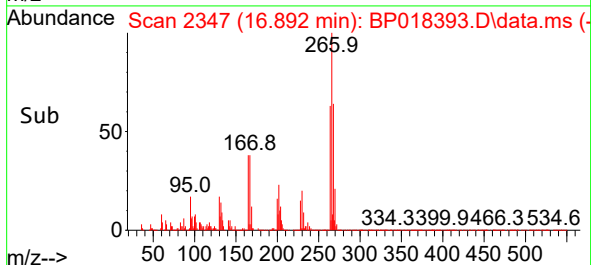
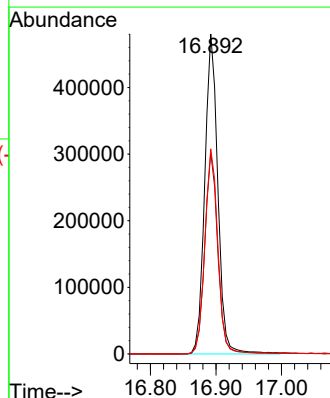
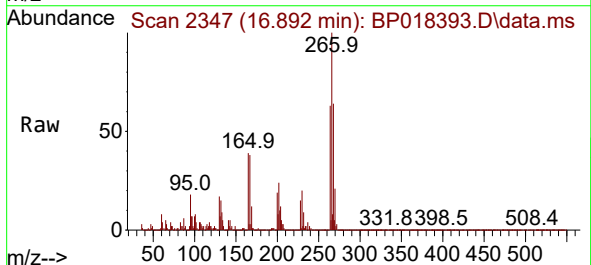
Tgt Ion:266 Resp: 668145

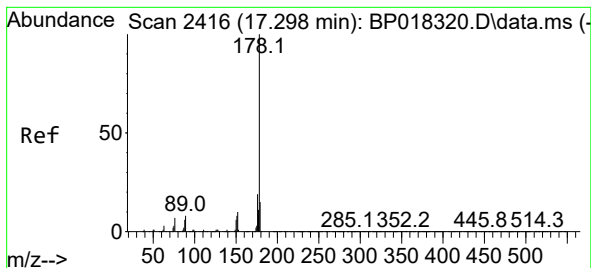
Ion Ratio Lower Upper

266 100

264 62.9 50.1 75.1

268 64.1 50.1 75.1





#72

Phenanthrene

Concen: 29.551 ng/ul

RT: 17.292 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

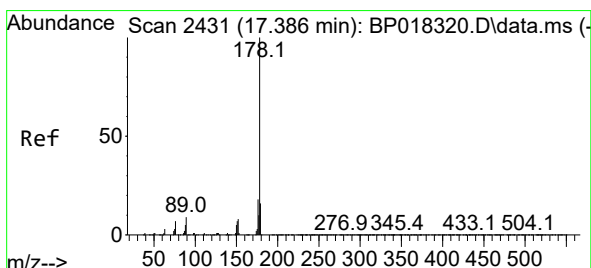
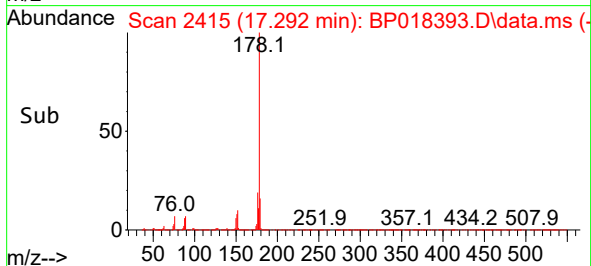
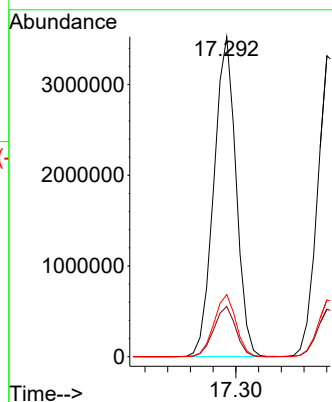
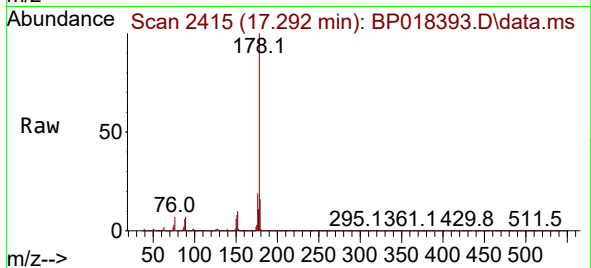
Tgt Ion:178 Resp: 4776213

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.4 15.1 22.7



#74

Anthracene

Concen: 28.942 ng/ul

RT: 17.380 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

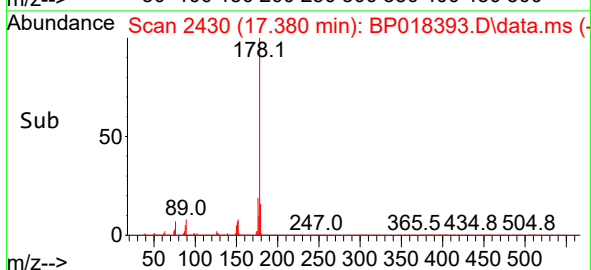
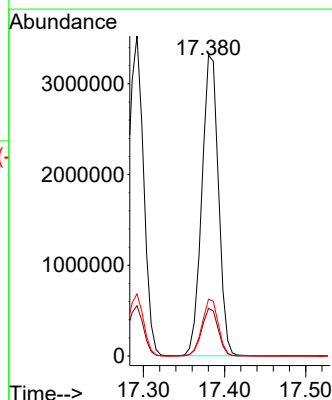
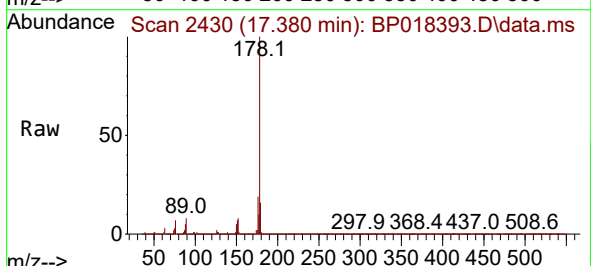
Tgt Ion:178 Resp: 4721775

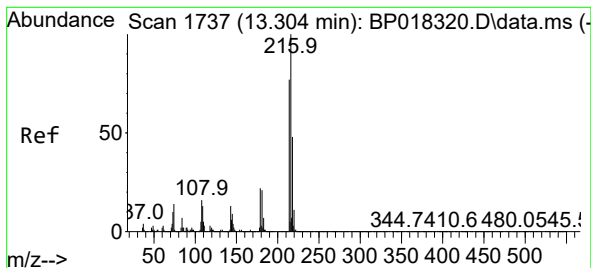
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 18.9 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.568 ng/uL

RT: 13.298 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

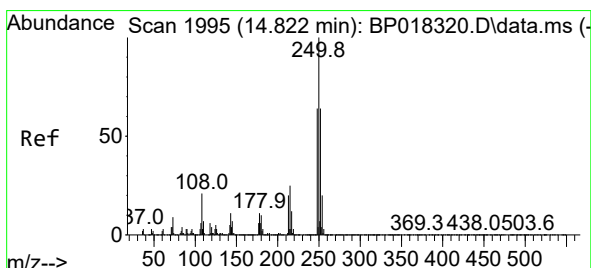
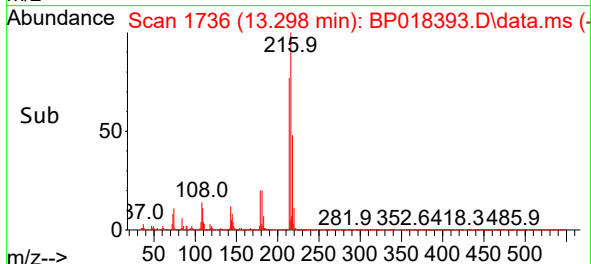
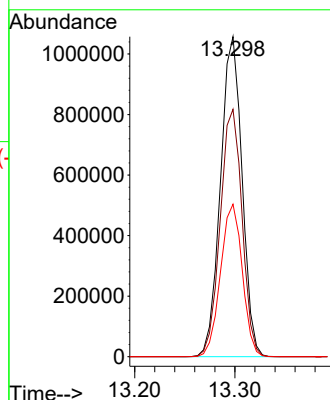
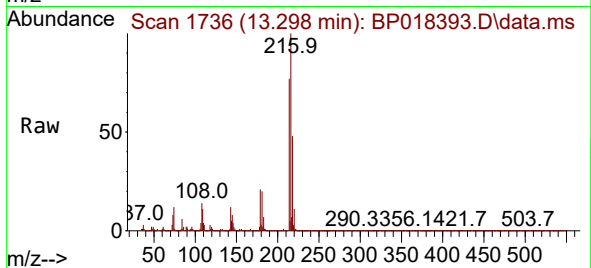
Tgt Ion:216 Resp: 1578890

Ion Ratio Lower Upper

216 100

214 77.3 62.0 93.0

218 47.6 38.6 57.8



#76

Pentachlorobenzene

Concen: 34.290 ng/uL

RT: 14.816 min Scan# 1994

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

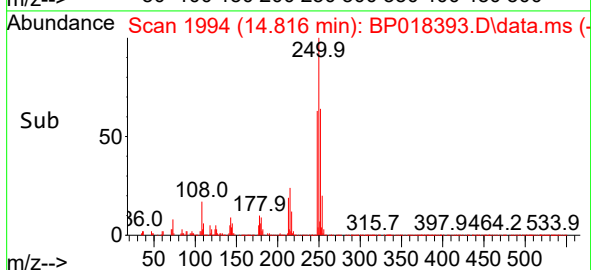
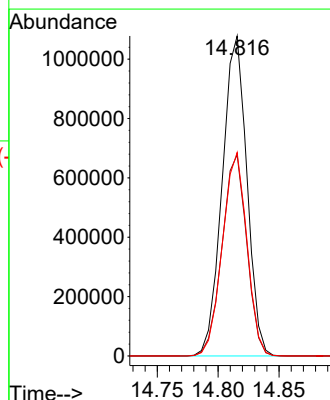
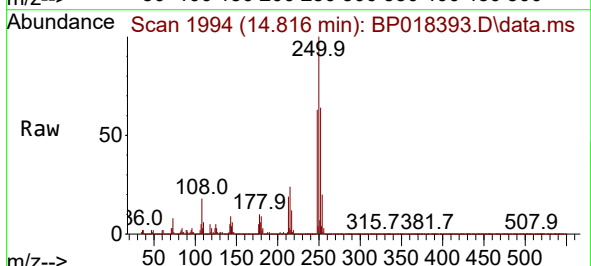
Tgt Ion:250 Resp: 1521383

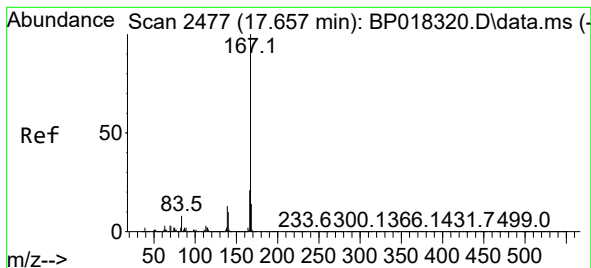
Ion Ratio Lower Upper

250 100

248 62.9 51.0 76.6

252 63.6 51.5 77.3





#77

Carbazole

Concen: 30.388 ng/ul

RT: 17.651 min Scan# 2477

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

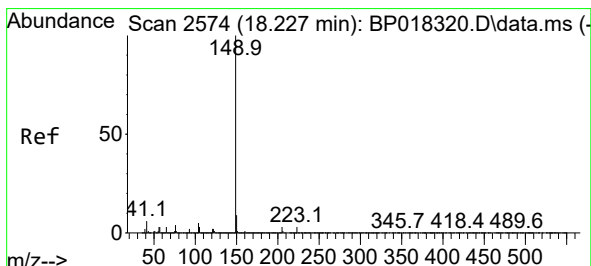
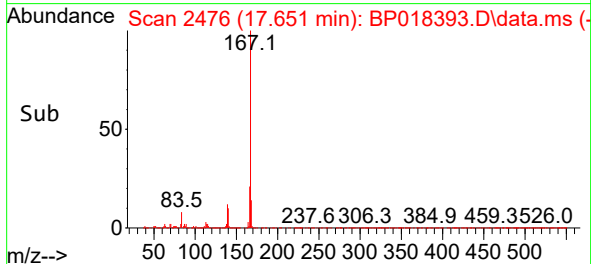
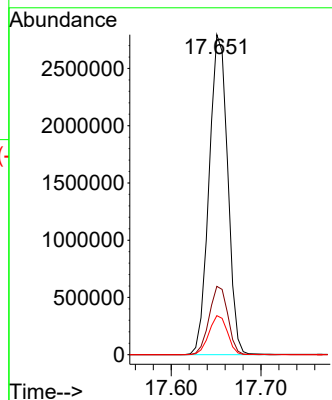
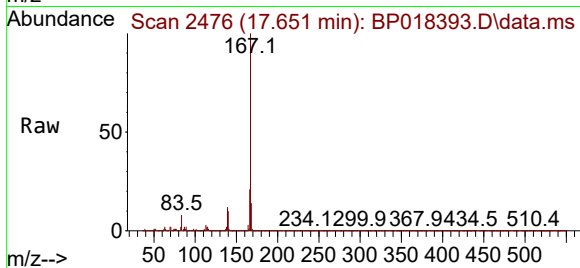
Tgt Ion:167 Resp: 4016507

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 12.2 10.0 15.0



#78

Di-n-butylphthalate

Concen: 29.258 ng/ul

RT: 18.215 min Scan# 2572

Delta R.T. -0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

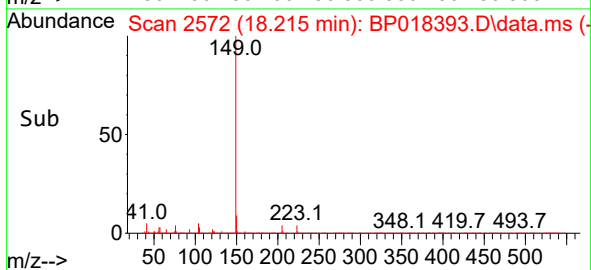
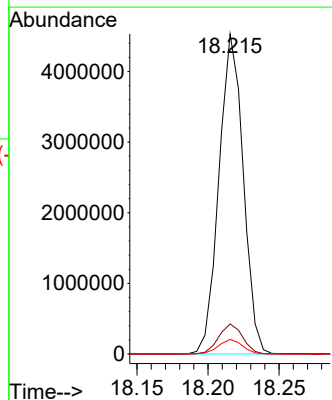
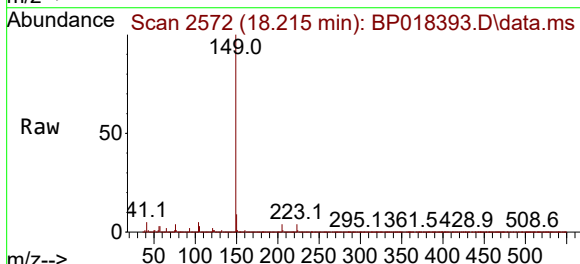
Tgt Ion:149 Resp: 5378984

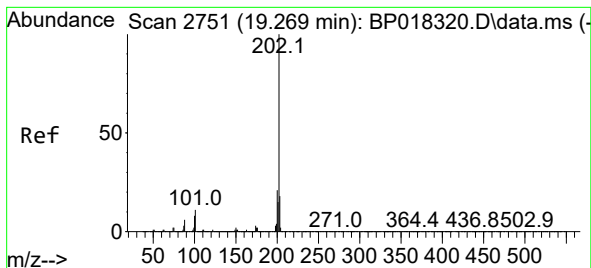
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.6 3.8 5.6





#80

Fluoranthene

Concen: 29.570 ng/ul

RT: 19.262 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

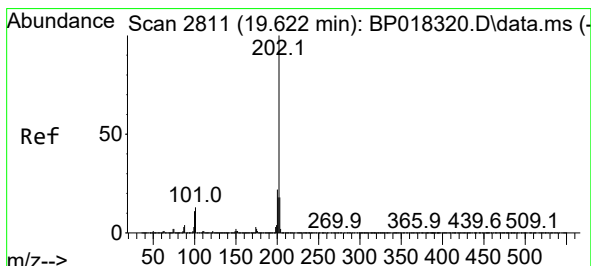
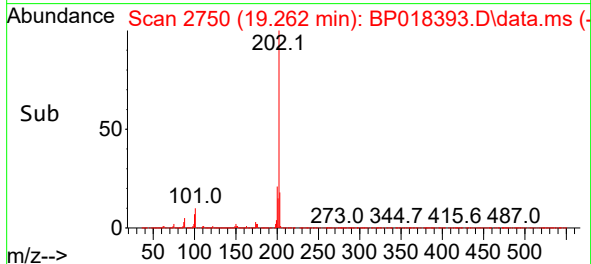
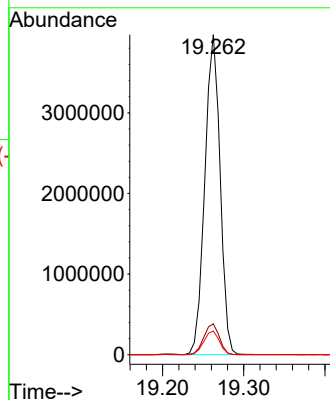
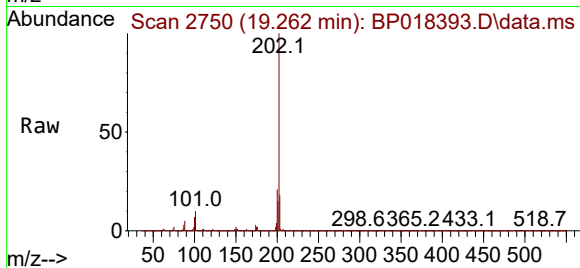
Tgt Ion:202 Resp: 5163663

Ion Ratio Lower Upper

202 100

101 9.6 8.6 13.0

100 7.4 6.7 10.1



#82

Pyrene

Concen: 29.032 ng/ul

RT: 19.615 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

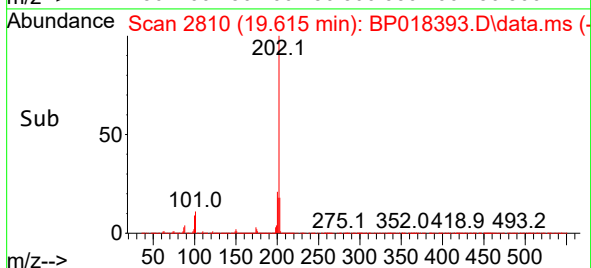
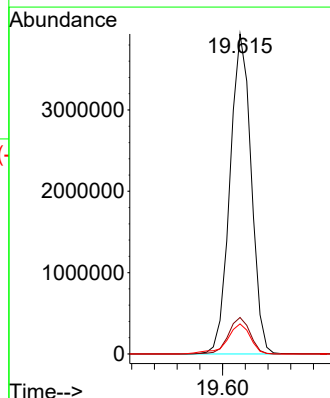
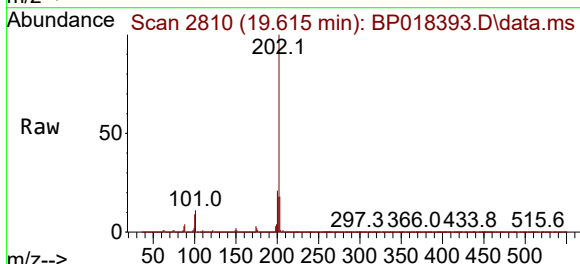
Tgt Ion:202 Resp: 5105019

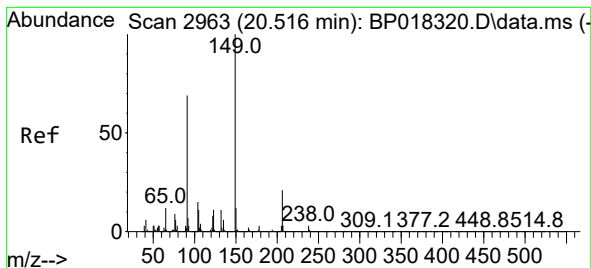
Ion Ratio Lower Upper

202 100

101 11.4 10.2 15.4

100 9.4 8.4 12.6





#83

Butylbenzylphthalate

Concen: 30.675 ng/ul

RT: 20.509 min Scan# 2962

Delta R.T. -0.000 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

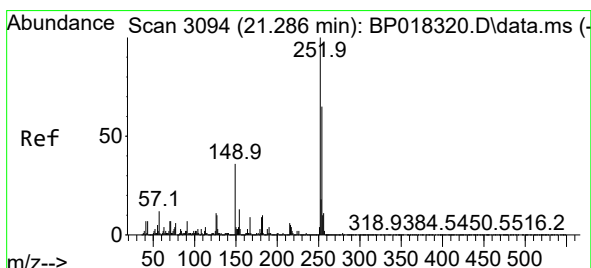
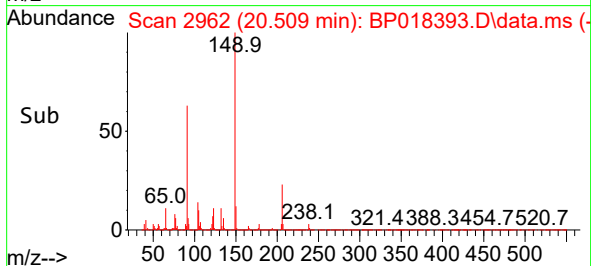
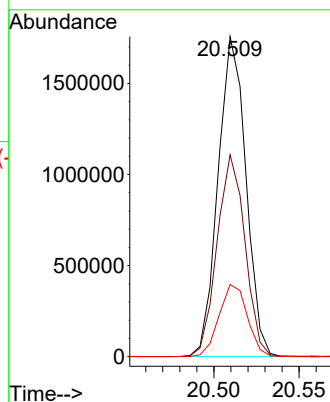
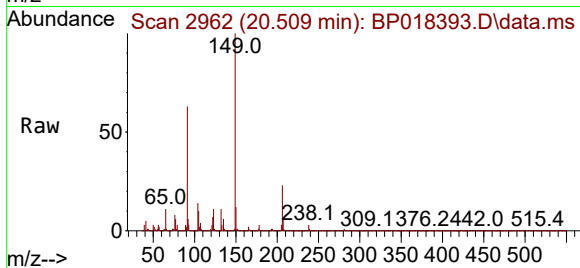
Tgt Ion:149 Resp: 1996147

Ion Ratio Lower Upper

149 100

91 63.1 53.7 80.5

206 22.5 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 31.479 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.011 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

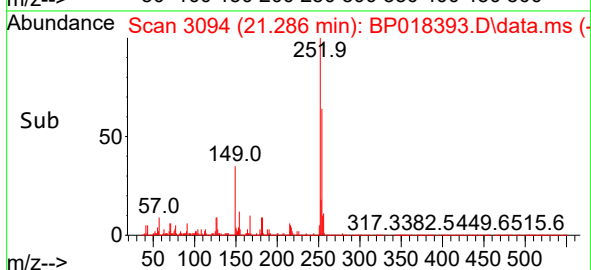
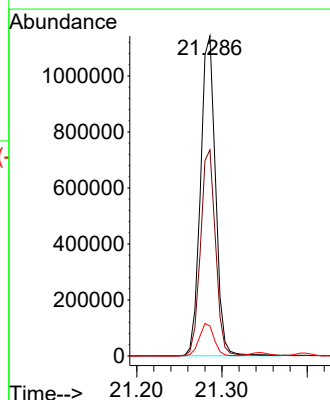
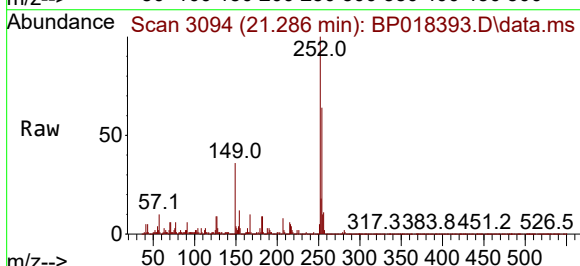
Tgt Ion:252 Resp: 1398359

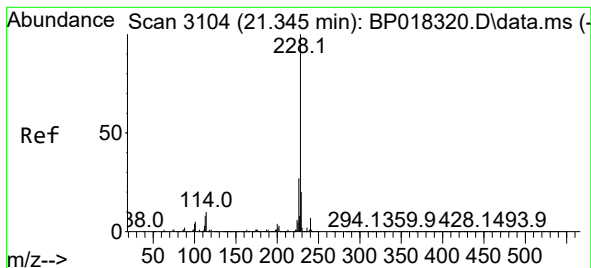
Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

126 9.4 8.6 12.8





#85

Benzo(a)anthracene

Concen: 29.924 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

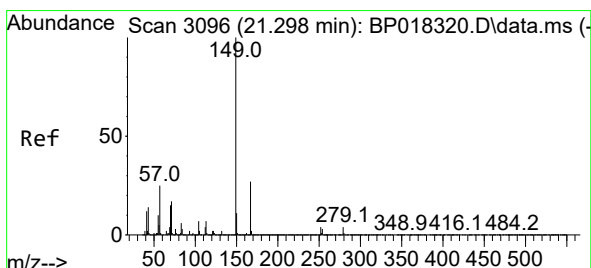
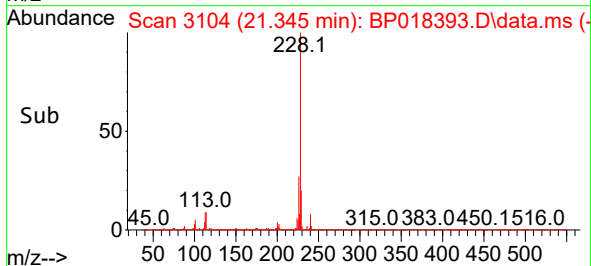
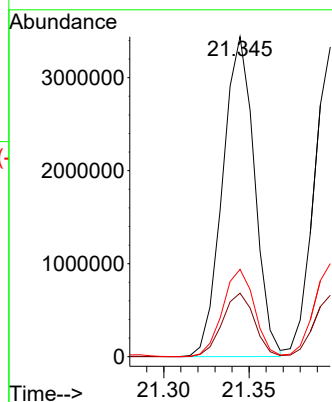
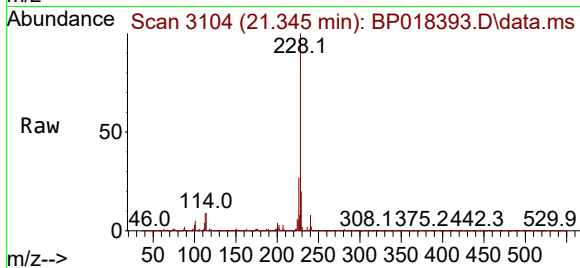
Tgt Ion:228 Resp: 4479056

Ion Ratio Lower Upper

228 100

229 19.9 16.2 24.2

226 27.3 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.046 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

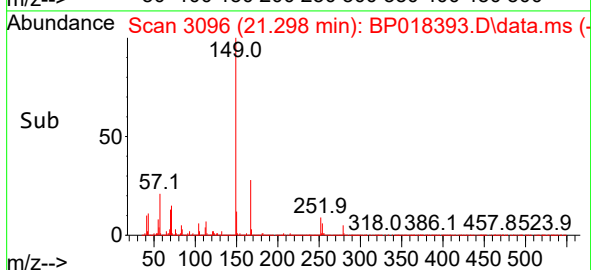
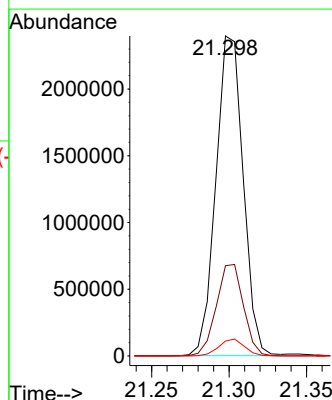
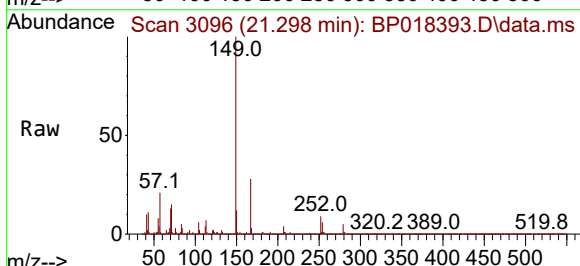
Tgt Ion:149 Resp: 2933458

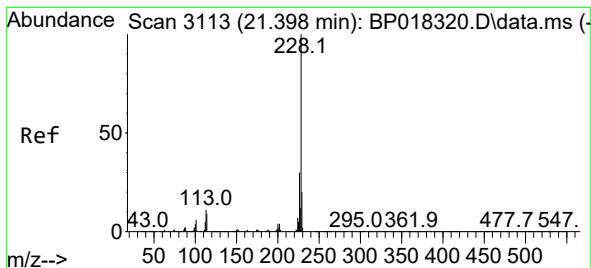
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 4.7 3.4 5.0





#87

Chrysene

Concen: 30.532 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

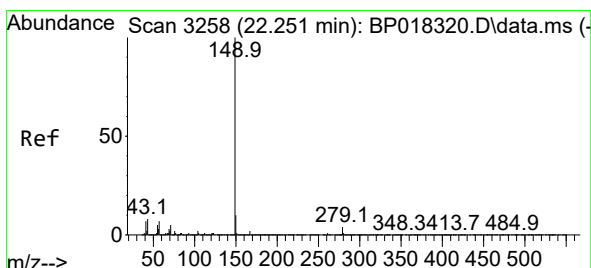
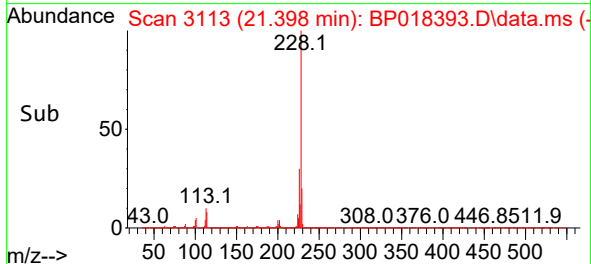
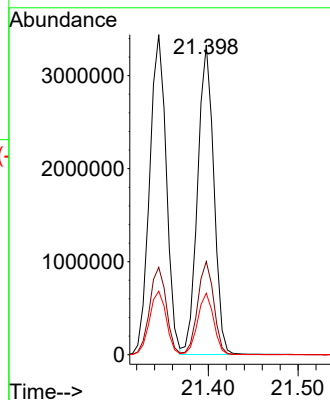
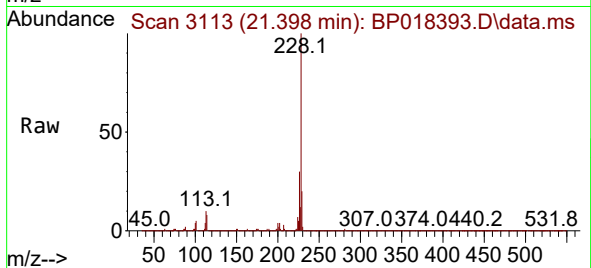
Tgt Ion:228 Resp: 4158755

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.9 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 30.104 ng/ul

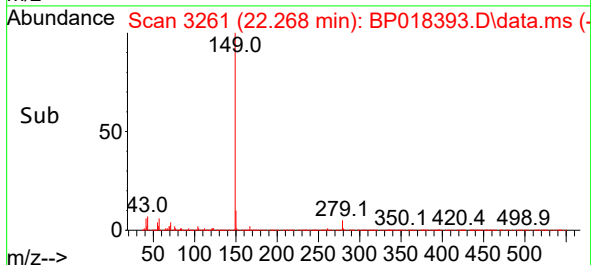
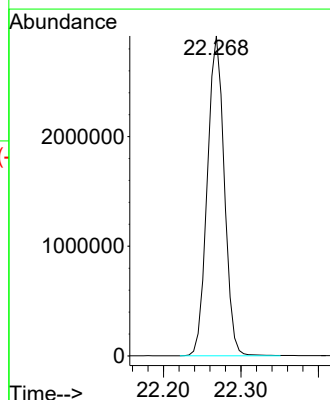
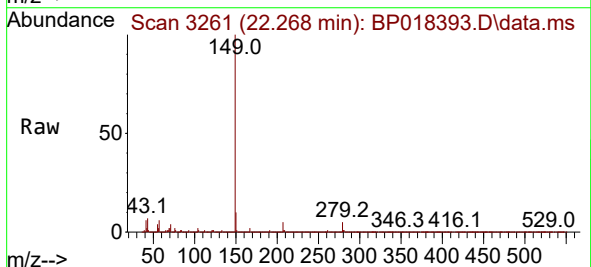
RT: 22.268 min Scan# 3261

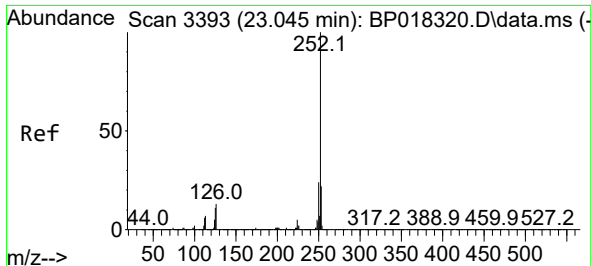
Delta R.T. 0.023 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Tgt Ion:149 Resp: 4420842

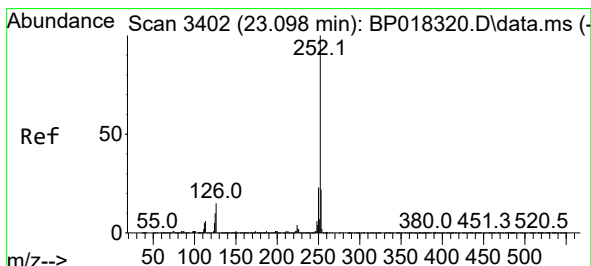
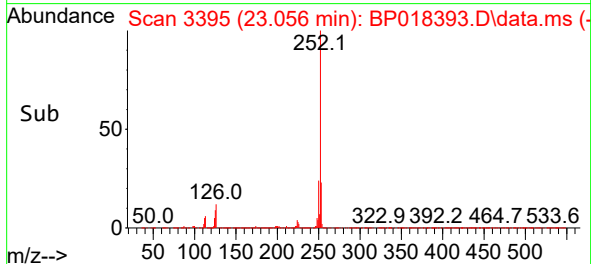
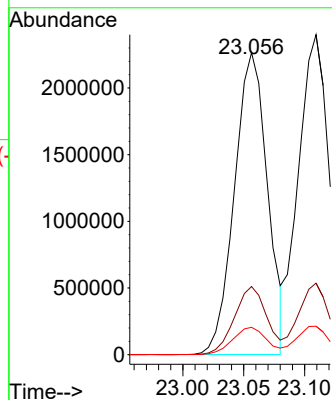
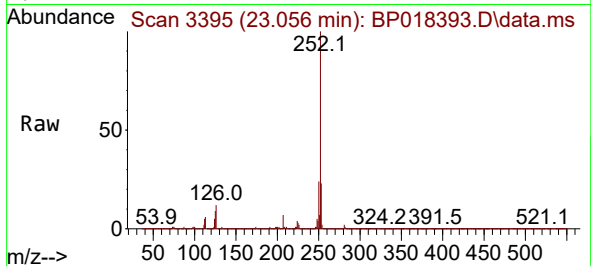




#90
Benzo(b)fluoranthene
Concen: 29.421 ng/ul
RT: 23.056 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

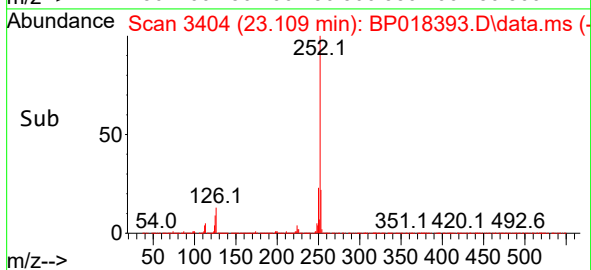
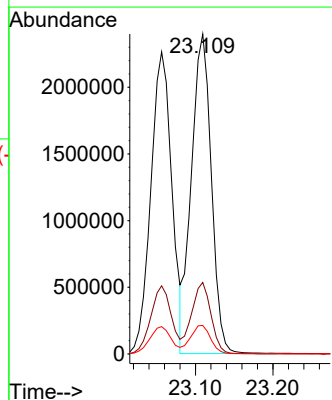
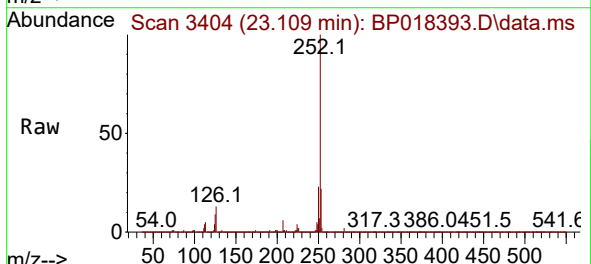
Instrument :
BNA_P
ClientSampleId :

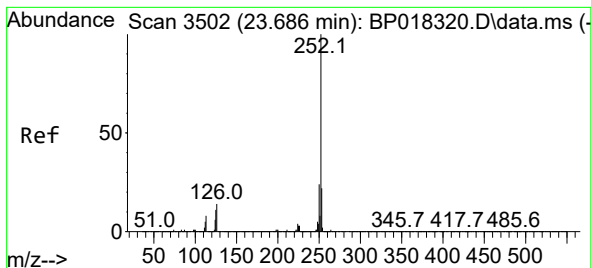
Tgt Ion:252 Resp: 4262770
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.0 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 29.626 ng/ul
RT: 23.109 min Scan# 3404
Delta R.T. 0.023 min
Lab File: BP018393.D
Acq: 26 Nov 2023 06:01

Tgt Ion:252 Resp: 4273082
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.9 8.0 12.0





#93

Benzo(a)pyrene

Concen: 30.367 ng/ul

RT: 23.698 min Scan# 3

Delta R.T. 0.023 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

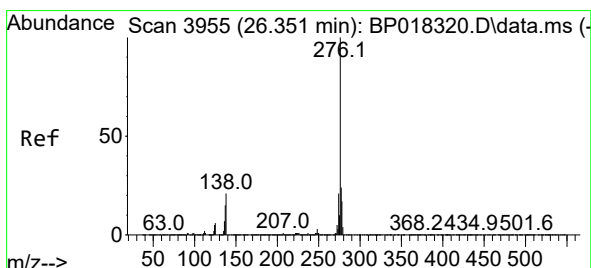
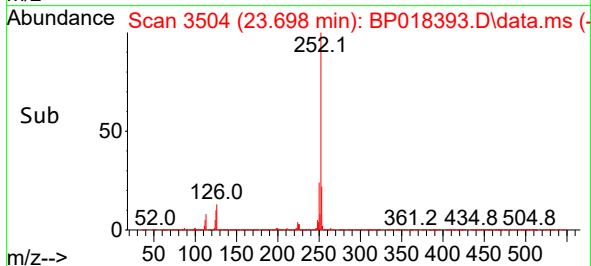
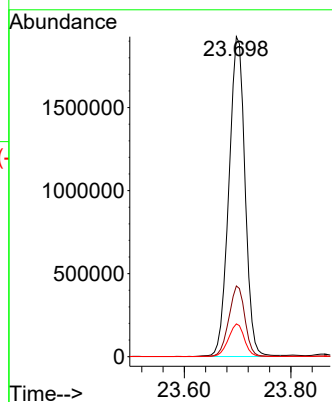
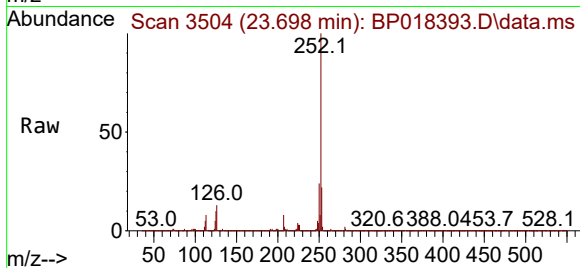
Tgt Ion:252 Resp: 4046205

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.3 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.314 ng/ul

RT: 26.415 min Scan# 3966

Delta R.T. 0.070 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

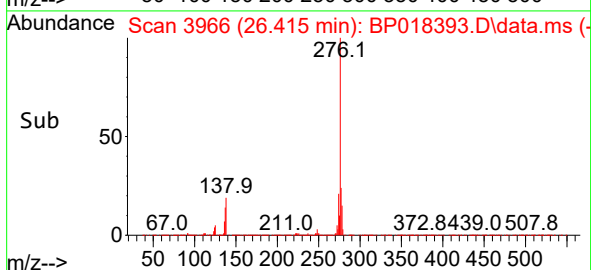
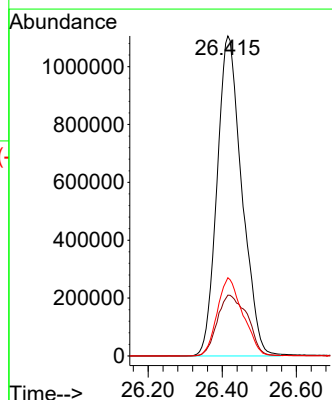
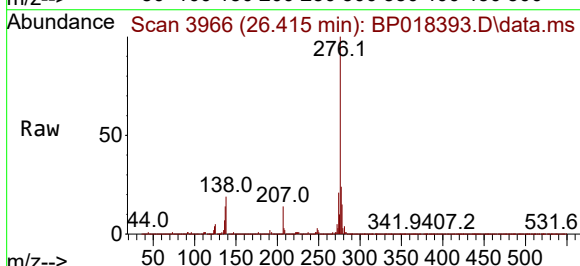
Tgt Ion:276 Resp: 5132652

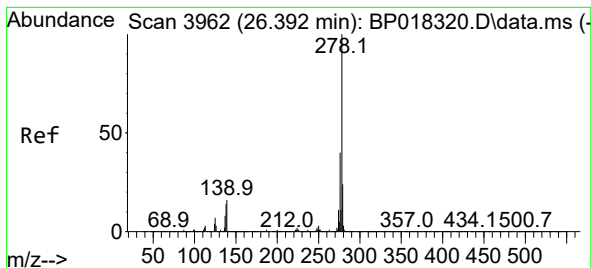
Ion Ratio Lower Upper

276 100

138 19.0 17.5 26.3

277 24.5 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 33.561 ng/ul

RT: 26.468 min Scan# 3962

Delta R.T. 0.088 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Instrument :

BNA_P

ClientSampleId :

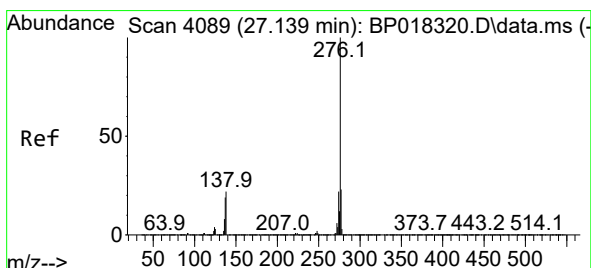
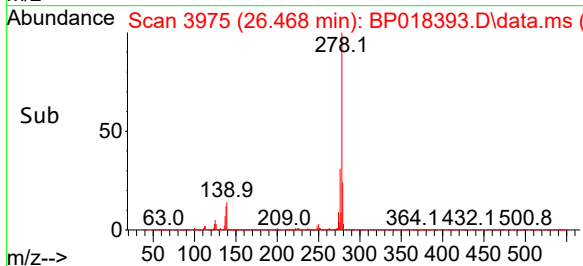
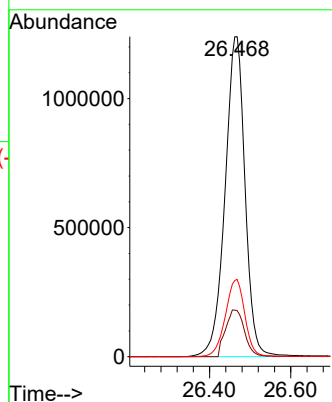
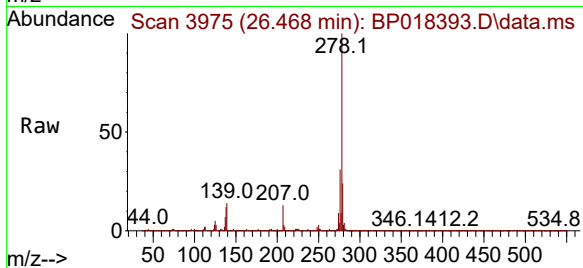
Tgt Ion:278 Resp: 4233035

Ion Ratio Lower Upper

278 100

139 14.4 13.3 19.9

279 24.1 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 33.686 ng/ul

RT: 27.221 min Scan# 4103

Delta R.T. 0.094 min

Lab File: BP018393.D

Acq: 26 Nov 2023 06:01

Tgt Ion:276 Resp: 4203196

Ion Ratio Lower Upper

276 100

138 19.5 17.7 26.5

277 24.3 18.6 28.0

