

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018391.D
 Acq On : 26 Nov 2023 04:53
 Operator : MA/JU
 Sample : 05261-18MS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 27 00:08:10 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	489065	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1940430	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	1095368	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.245	188	1881277	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1565204	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	1990005	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	23891	1.830	ng/uL	0.00
4) Pyridine-d5	3.675	84	335	0.009	ng/ul	-0.01
7) Phenol-d5	7.028	99	448046	10.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	271239	10.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	378778	10.093	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	293515	8.137	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	172965	10.974	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	162060	11.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	374048	10.651	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	238473	5.035	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1050662	10.780	ng/ul	-0.01
49) Acenaphthylene-d8	14.187	160	1189059	10.707	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	108354	8.053	ng/ul	0.00
60) Fluorene-d10	15.486	176	862595	10.581	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	86140	10.756	ng/ul	0.00
73) Anthracene-d10	17.345	188	1104802	10.987	ng/ul	0.00
81) Pyrene-d10	19.580	212	1199930	9.632	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	1331618	11.542	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	51943	3.710	ng/uL	92
6) Benzaldehyde	6.999	77	260655	11.020	ng/ul	100
8) Phenol	7.052	94	520735	11.877	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.293	93	403176	11.040	ng/ul	97
12) 2-Chlorophenol	7.422	128	387286	10.287	ng/ul	98
13) 2-Methylphenol	8.310	108	291480	8.535	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	484669	9.336	ng/ul	96
16) Acetophenone	8.687	105	908262	16.456	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	270314	8.767	ng/ul	92
18) 4-Methylphenol	8.640	108	331632	9.094	ng/ul	97
19) Hexachloroethane	8.946	117	160860	10.231	ng/ul	95
22) Nitrobenzene	9.063	77	396484	10.738	ng/ul	97
23) Isophorone	9.593	82	789734	9.596	ng/ul#	96
25) 2-Nitrophenol	9.775	139	191945	11.720	ng/ul	94
26) 2,4-Dimethylphenol	9.840	107	87162	2.371	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	517430	10.411	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	375030	11.149	ng/ul	97
30) Naphthalene	10.716	128	1287895	10.974	ng/ul	100
32) 4-Chloroaniline	10.822	127	257474	5.761	ng/ul	99
33) Hexachlorobutadiene	11.004	225	279209	12.170	ng/ul	98
34) Caprolactam	11.593	113	95741	9.877	ng/ul	91
35) 4-Chloro-3-methylphenol	11.945	107	312012	8.675	ng/ul	96
36) 2-Methylnaphthalene	12.322	142	874222	10.525	ng/ul	100
37) 1-Methylnaphthalene	12.540	142	854476	10.220	ng/ul	99

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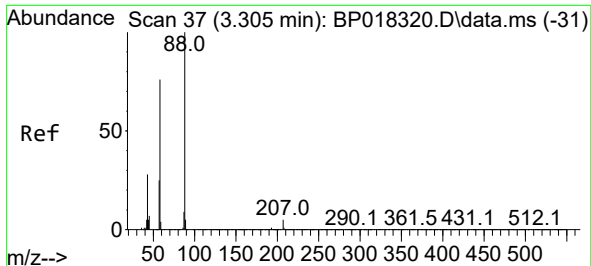
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.687	216	504326	13.036	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	223375	10.195	ng/ul	100
41) 2,4,6-Trichlorophenol	12.928	196	277022	11.924	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	293432	11.680	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	1136150	11.905	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	898828	11.899	ng/ul	97
45) 2-Nitroaniline	13.575	65	168361	10.359	ng/ul	95
47) Dimethylphthalate	13.957	163	1077599	11.300	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	176529	10.979	ng/ul	92
50) Acenaphthylene	14.216	152	1379420	11.143	ng/ul	99
51) 3-Nitroaniline	14.398	138	137714	8.621	ng/ul	96
52) Acenaphthene	14.557	153	915167	11.317	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	52072	9.283	ng/ul	97
55) 4-Nitrophenol	14.698	109	90879	9.117	ng/ul	99
56) Dibenzofuran	14.892	168	1240122	11.217	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	230072	10.589	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.116	232	219014	11.101	ng/ul	98
59) Diethylphthalate	15.322	149	1029062	10.742	ng/ul	99
61) Fluorene	15.545	166	981051	10.881	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	520001	11.358	ng/ul	99
63) 4-Nitroaniline	15.557	138	120100	7.966	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	101997	11.484	ng/ul#	99
67) N-Nitrosodiphenylamine	15.757	169	792723	12.426	ng/ul	100
68) 4-Bromophenyl-phenylether	16.439	248	288945	12.165	ng/ul	97
69) Hexachlorobenzene	16.545	284	357559	13.465	ng/ul	93
70) Atrazine	16.710	200	234928	12.063	ng/ul	99
71) Pentachlorophenol	16.892	266	149633	10.967	ng/ul	97
72) Phenanthrene	17.286	178	1382323	12.080	ng/ul	100
74) Anthracene	17.375	178	1324752	11.469	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	495649	15.328	ng/uL	99
76) Pentachlorobenzene	14.810	250	462684	14.730	ng/uL	100
77) Carbazole	17.651	167	1124046	12.012	ng/ul	99
78) Di-n-butylphthalate	18.216	149	1482928	11.393	ng/ul	99
80) Fluoranthene	19.257	202	1470972	9.884	ng/ul	99
82) Pyrene	19.610	202	1496641	9.987	ng/ul	99
83) Butylbenzylphthalate	20.510	149	542748	9.787	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	254735	6.729	ng/ul	99
85) Benzo(a)anthracene	21.339	228	1563126	12.254	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	838908	10.083	ng/ul	99
87) Chrysene	21.392	228	1465005	12.621	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	1418668	9.683	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1698669	11.752	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	1708823	11.876	ng/ul	98
93) Benzo(a)pyrene	23.692	252	1569161	11.805	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.404	276	2005995	13.051	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	1650536	13.117	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	1449034	11.641	ng/ul	98

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

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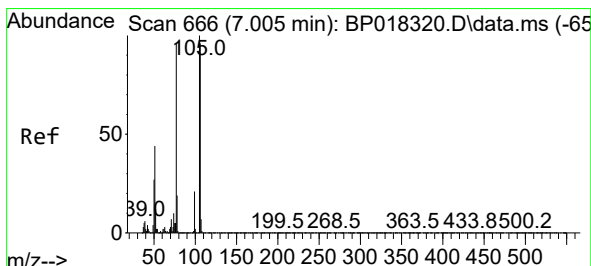
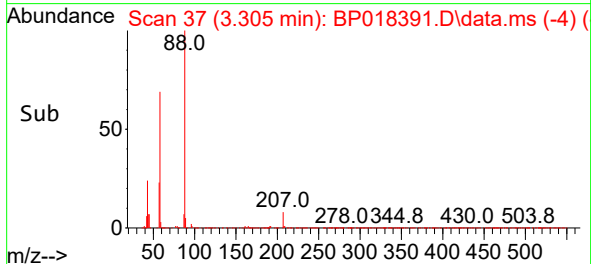
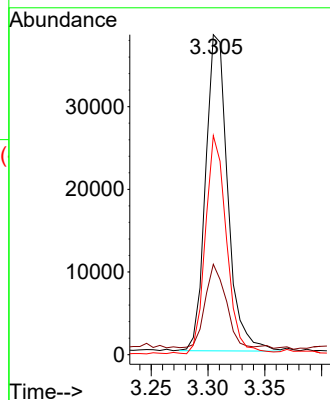
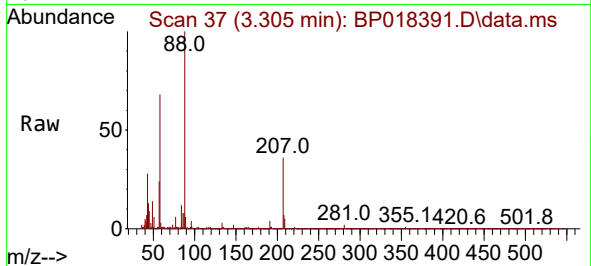




#2
1,4-Dioxane
Concen: 3.710 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.006 min
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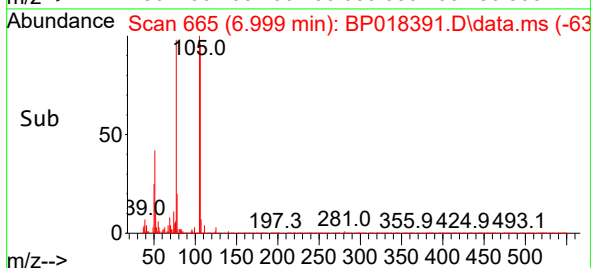
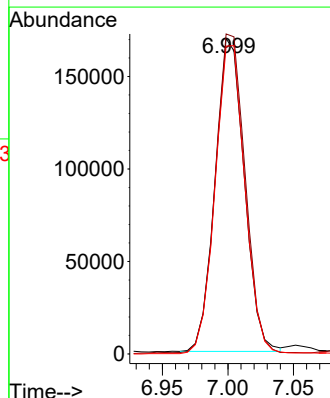
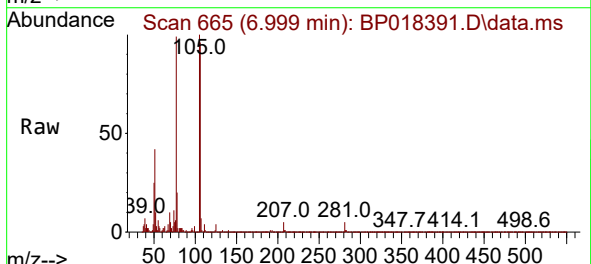
Instrument :
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ClientSampleId :

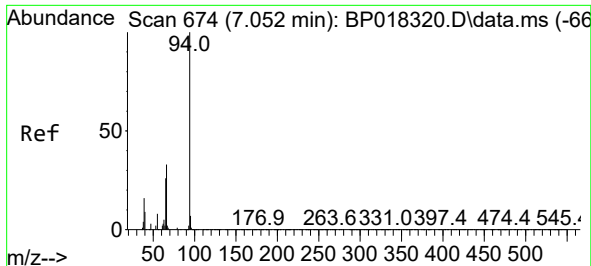
Tgt Ion: 88 Resp: 51943
Ion Ratio Lower Upper
88 100
43 28.2 26.9 40.3
58 68.4 59.6 89.4



#6
Benzaldehyde
Concen: 11.020 ng/uL
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion: 77 Resp: 260655
Ion Ratio Lower Upper
77 100
105 101.5 81.5 122.3
106 97.6 77.9 116.9

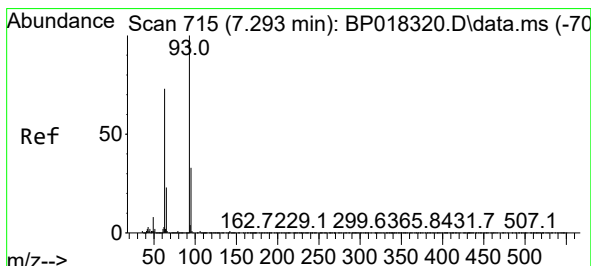
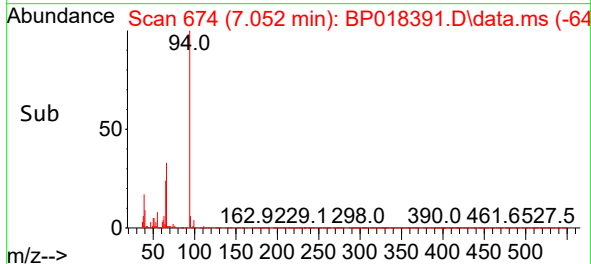
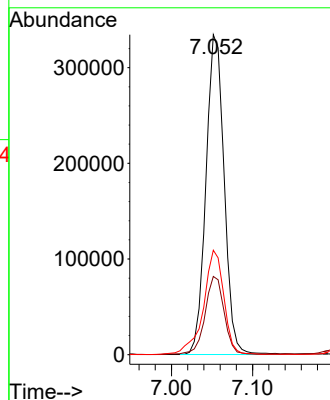
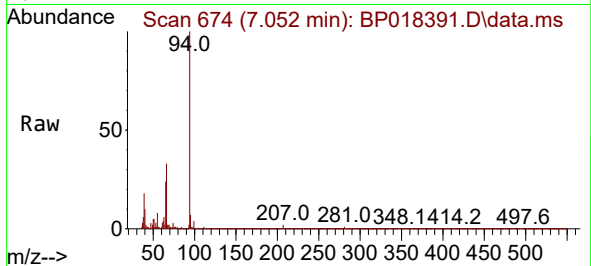




#8
Phenol
Concen: 11.877 ng/ul
RT: 7.052 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

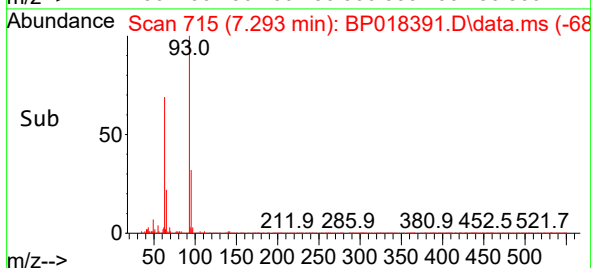
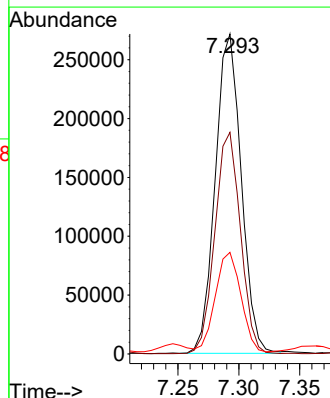
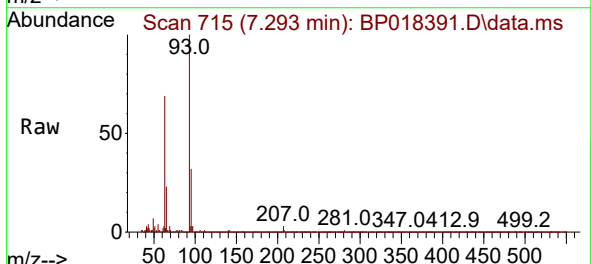
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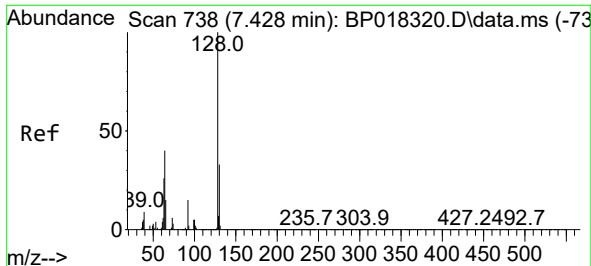
Tgt Ion: 94 Resp: 520735
Ion Ratio Lower Upper
94 100
65 24.4 21.2 31.8
66 32.7 28.0 42.0



#10
Bis(2-Chloroethyl)ether
Concen: 11.040 ng/ul
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion: 93 Resp: 403176
Ion Ratio Lower Upper
93 100
63 69.3 58.2 87.4
95 31.8 25.6 38.4

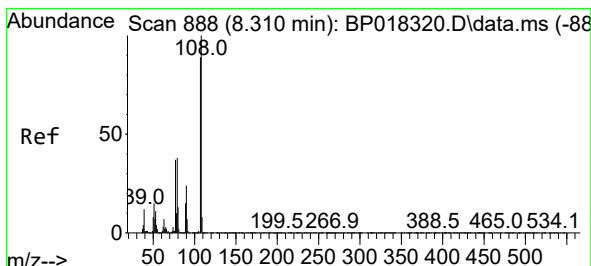
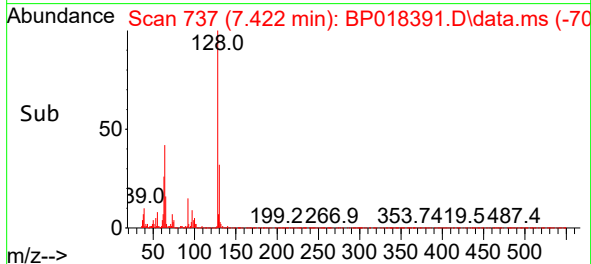
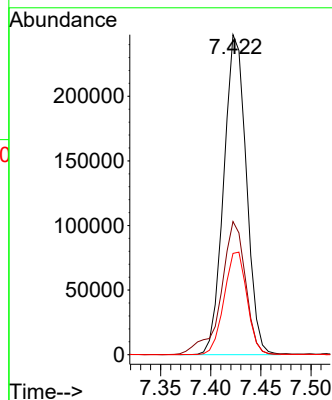
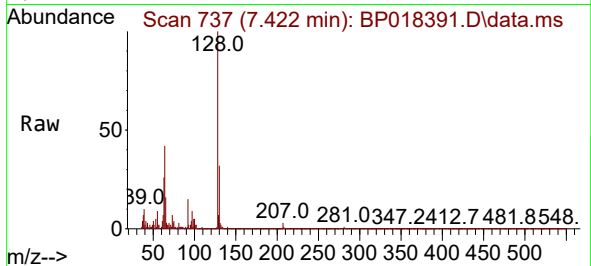




#12
2-Chlorophenol
Concen: 10.287 ng/ul
RT: 7.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

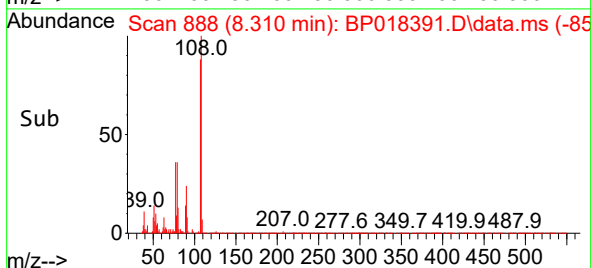
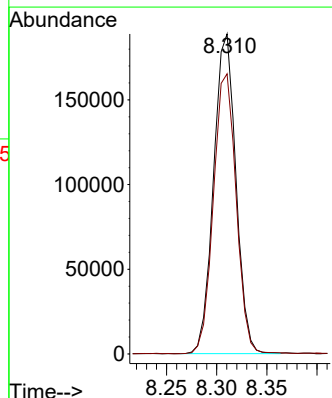
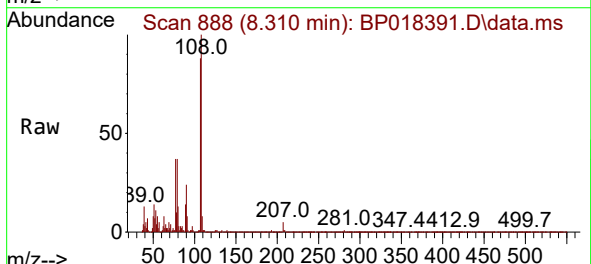
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ClientSampleId :

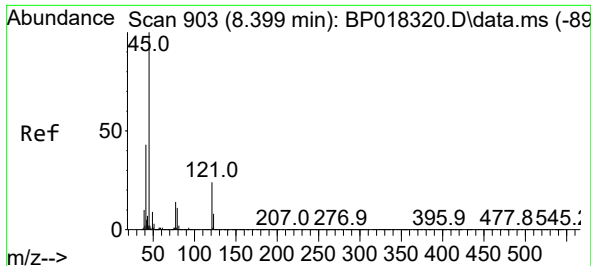
Tgt Ion:128 Resp: 387286
Ion Ratio Lower Upper
128 100
64 41.6 34.8 52.2
130 31.7 25.5 38.3



#13
2-Methylphenol
Concen: 8.535 ng/ul
RT: 8.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

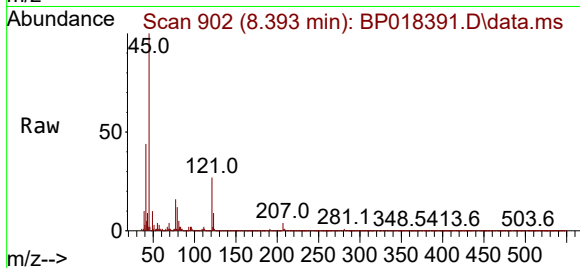
Tgt Ion:108 Resp: 291480
Ion Ratio Lower Upper
108 100
107 87.6 70.9 106.3



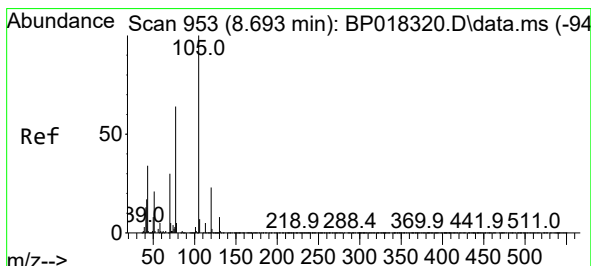
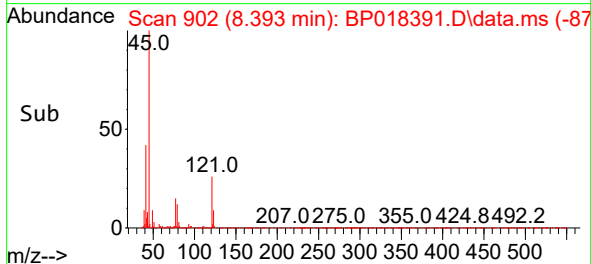
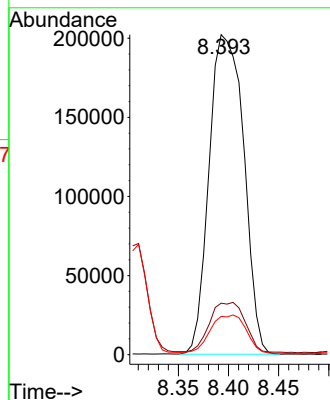


#14
2,2'-oxybis(1-Chloropropane)
Concen: 9.336 ng/ul
RT: 8.393 min Scan# 903
Delta R.T. -0.012 min
Lab File: BP018391.D
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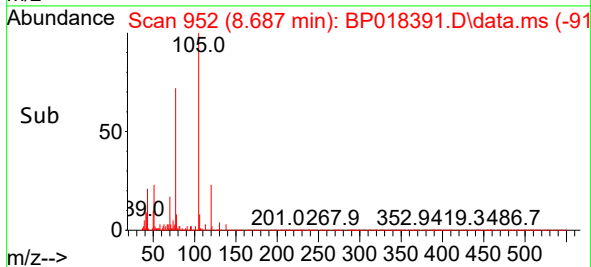
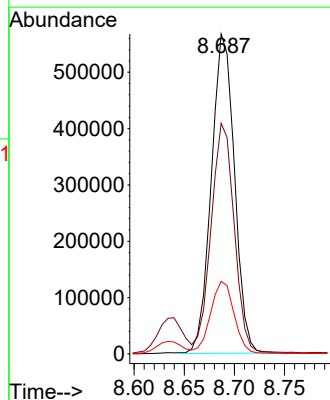
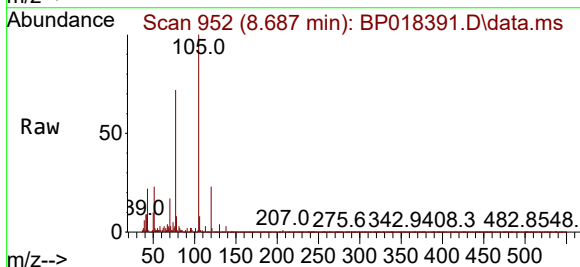


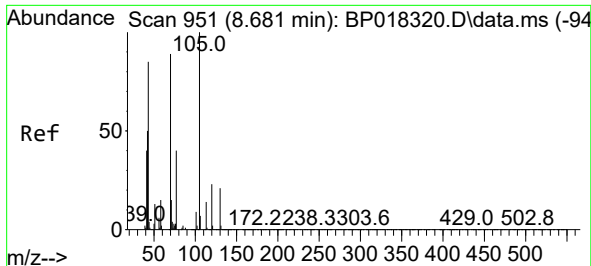
Tgt Ion: 45 Resp: 484669
Ion Ratio Lower Upper
45 100
77 16.1 11.4 17.2
79 11.9 8.4 12.6



#16
Acetophenone
Concen: 16.456 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

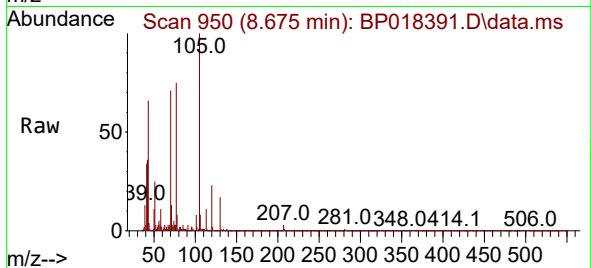
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Ion Ratio Lower Upper
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77 72.1 59.5 89.3
51 22.7 20.5 30.7



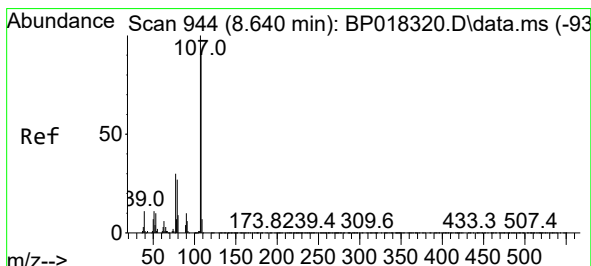
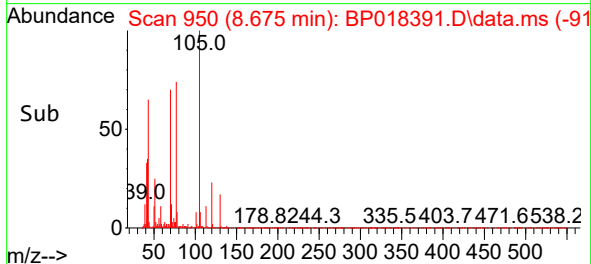
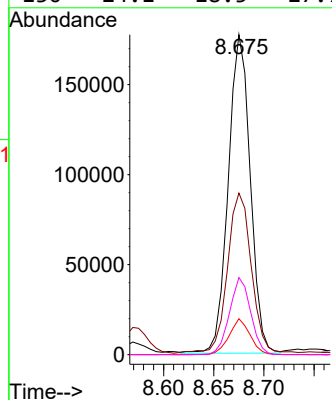


#17
N-Nitroso-di-n-propylamine
Concen: 8.767 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. -0.012 min
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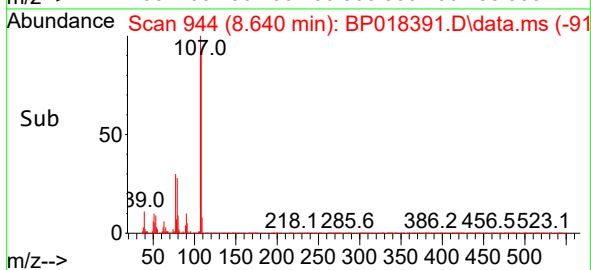
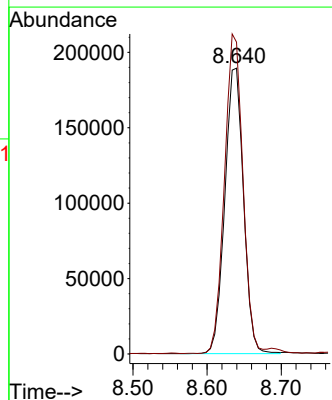
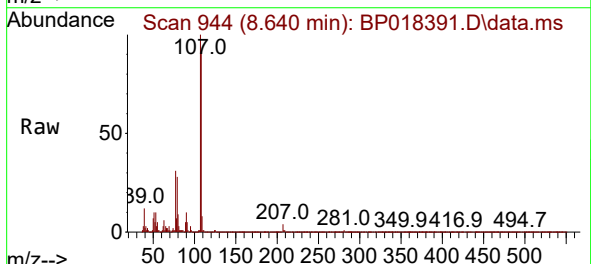


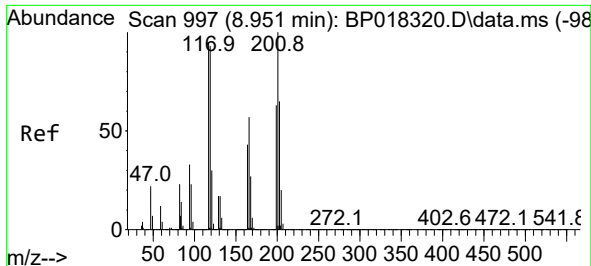
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Ion Ratio Lower Upper
70 100
42 50.5 46.8 70.2
101 11.3 8.4 12.6
130 24.1 18.5 27.7



#18
4-Methylphenol
Concen: 9.094 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.000 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

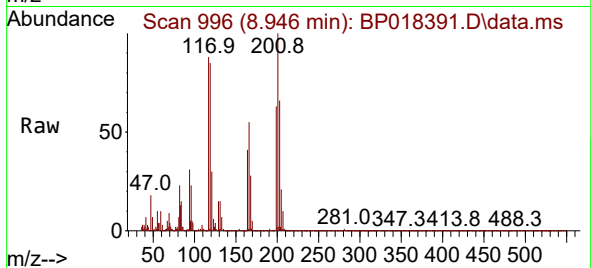
Tgt Ion: 108 Resp: 331632
Ion Ratio Lower Upper
108 100
107 109.1 89.5 134.3



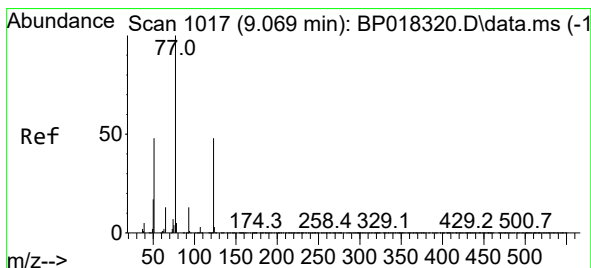
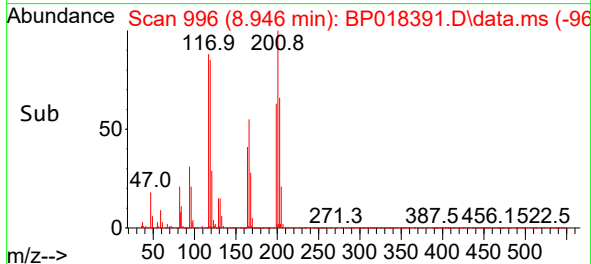
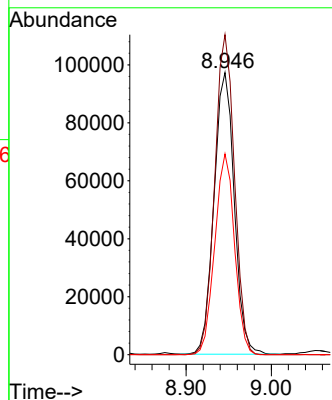


#19
Hexachloroethane
Concen: 10.231 ng/ul
RT: 8.946 min Scan# 997
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Instrument :
BNA_P
ClientSampleId :

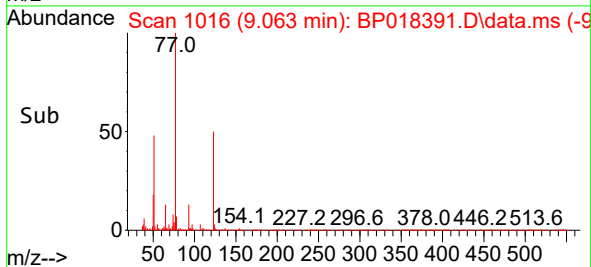
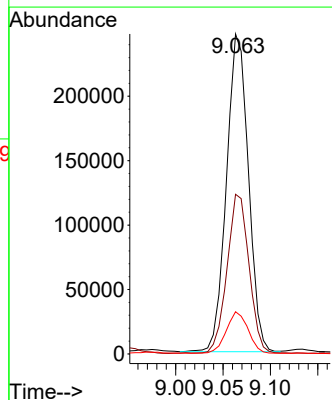
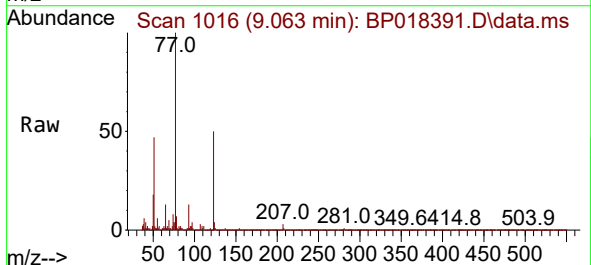


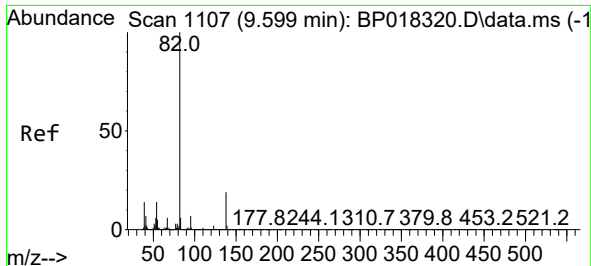
Tgt Ion:117 Resp: 160860
Ion Ratio Lower Upper
117 100
201 113.5 85.6 128.4
199 71.2 54.2 81.4



#22
Nitrobenzene
Concen: 10.738 ng/ul
RT: 9.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion: 77 Resp: 396484
Ion Ratio Lower Upper
77 100
123 49.9 37.7 56.5
65 13.2 10.5 15.7

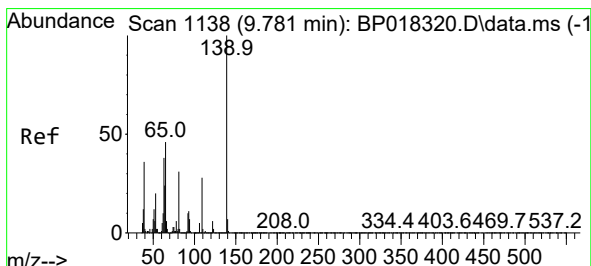
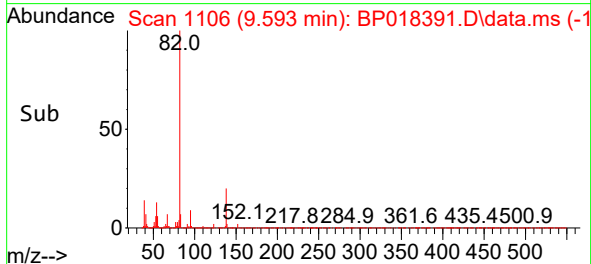
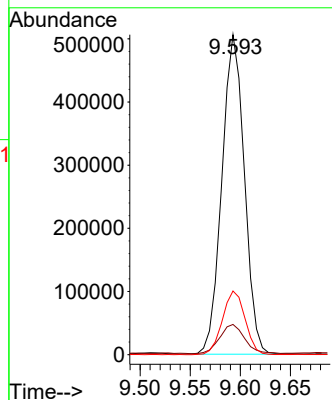
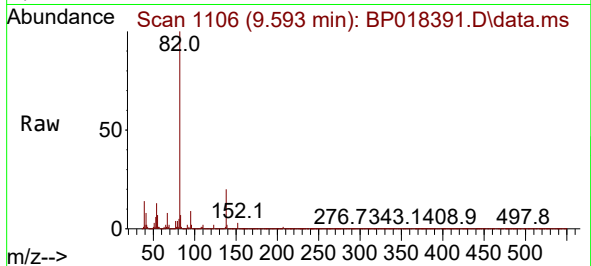




#23
Isophorone
Concen: 9.596 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

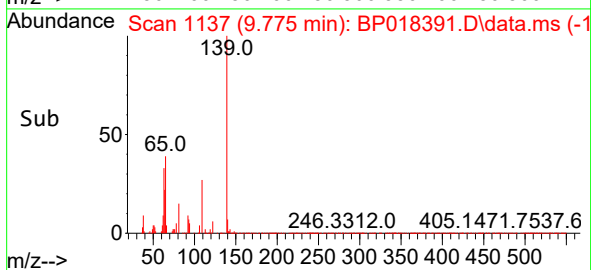
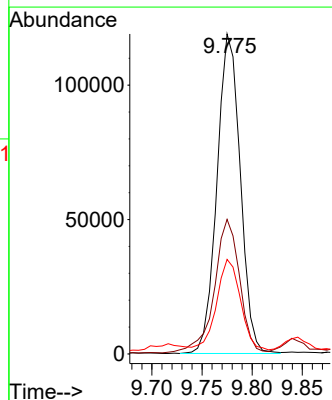
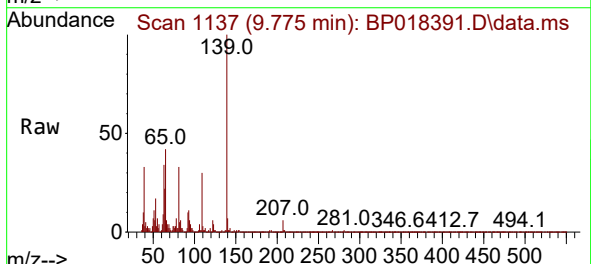
Instrument :
BNA_P
ClientSampleId :

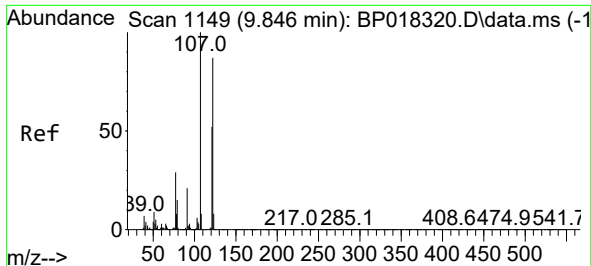
Tgt Ion: 82 Resp: 789734
Ion Ratio Lower Upper
82 100
95 9.5 5.8 8.6#
138 19.9 14.9 22.3



#25
2-Nitrophenol
Concen: 11.720 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion: 139 Resp: 191945
Ion Ratio Lower Upper
139 100
65 42.0 38.3 57.5
109 29.6 23.4 35.0

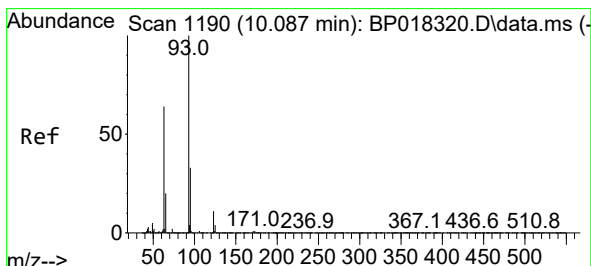
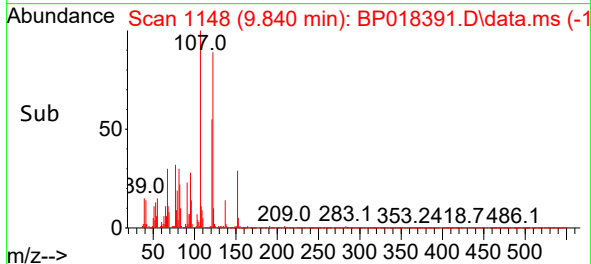
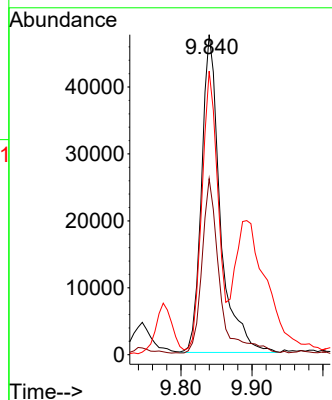
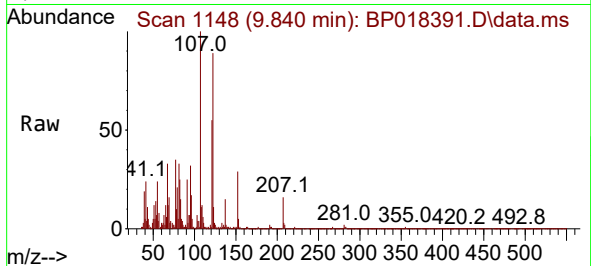




#26
2,4-Dimethylphenol
Concen: 2.371 ng/ul
RT: 9.840 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

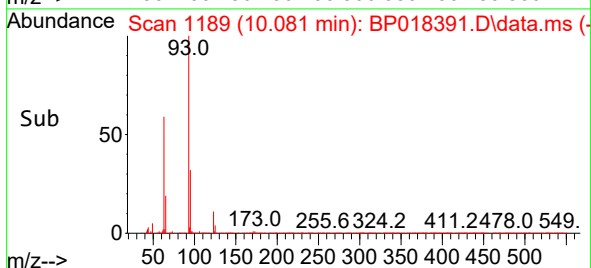
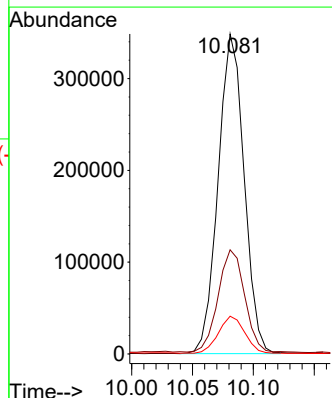
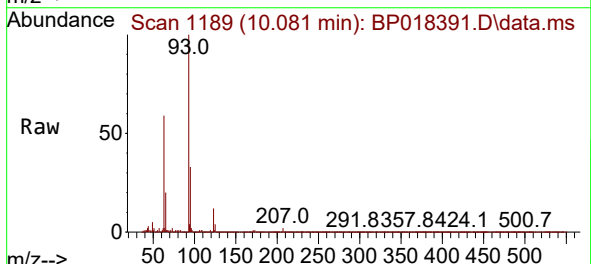
Instrument :
BNA_P
ClientSampleId :

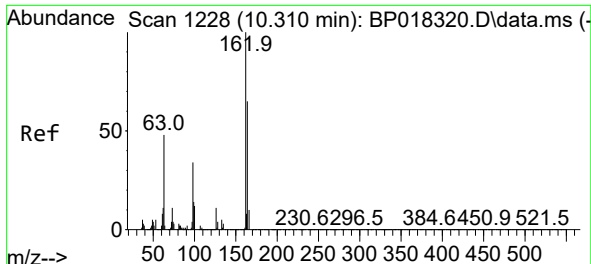
Tgt Ion:107 Resp: 87162
Ion Ratio Lower Upper
107 100
121 55.0 40.0 60.0
122 88.6 70.4 105.6



#27
Bis(2-Chloroethoxy)methane
Concen: 10.411 ng/ul
RT: 10.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion: 93 Resp: 517430
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 11.149 ng/ul

RT: 10.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

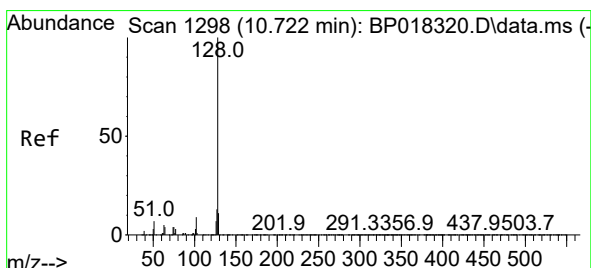
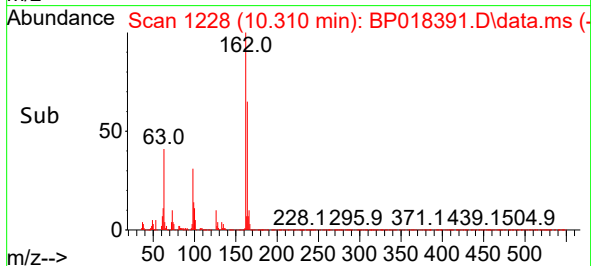
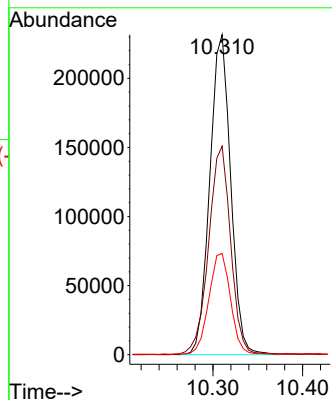
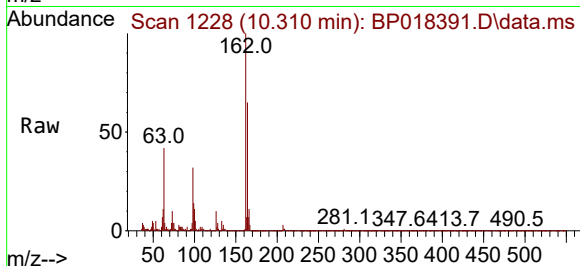
Tgt Ion:162 Resp: 375030

Ion Ratio Lower Upper

162 100

164 65.2 53.0 79.6

98 31.6 27.7 41.5



#30

Naphthalene

Concen: 10.974 ng/ul

RT: 10.716 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

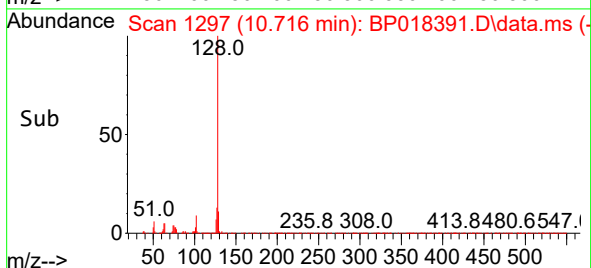
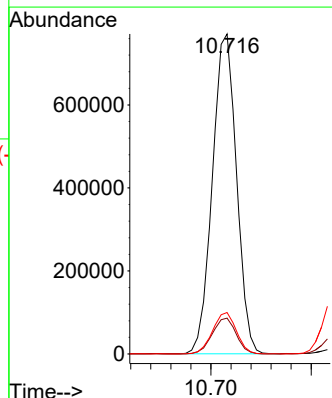
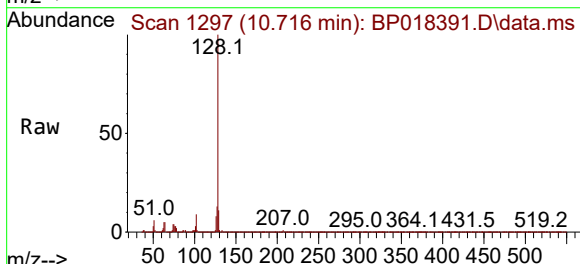
Tgt Ion:128 Resp: 1287895

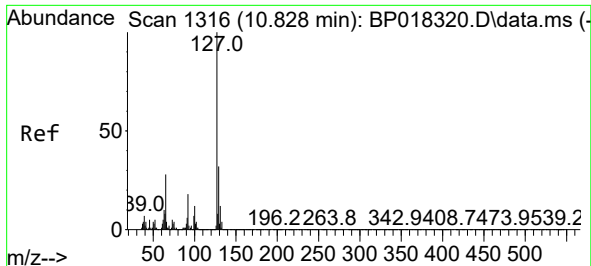
Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.0 10.4 15.6

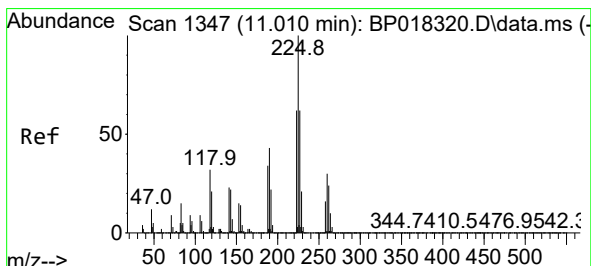
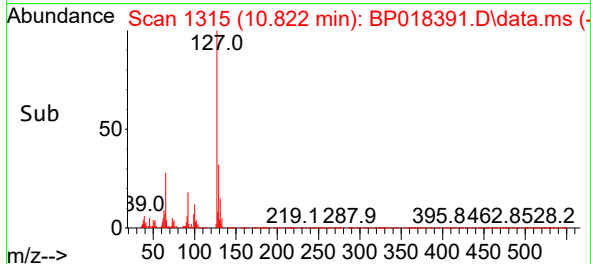
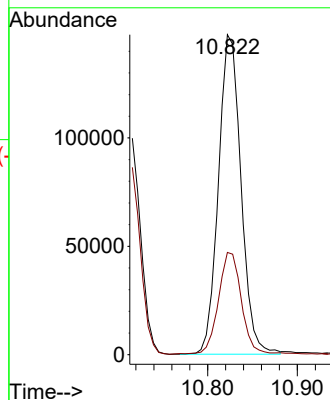
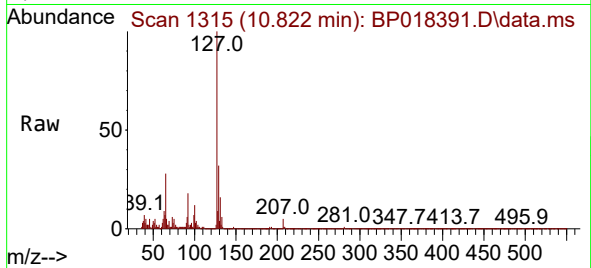




#32
4-Chloroaniline
Concen: 5.761 ng/ul
RT: 10.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

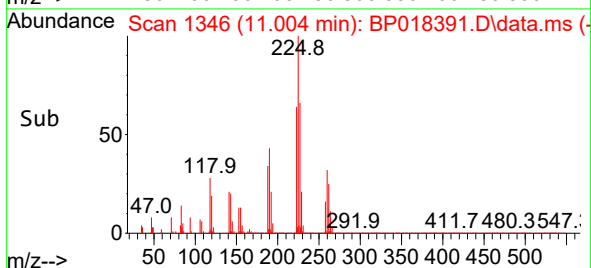
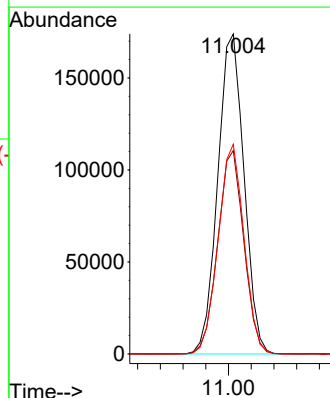
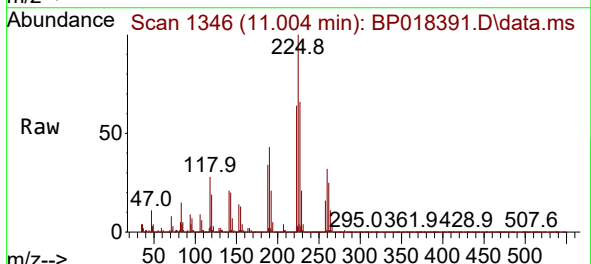
Instrument :
BNA_P
ClientSampleId :

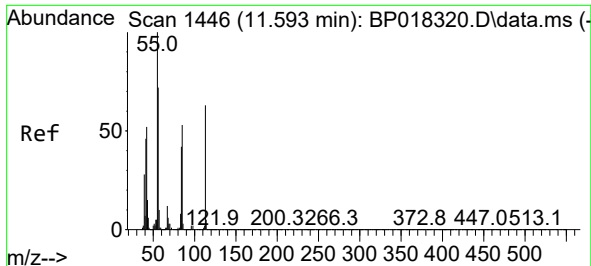
Tgt Ion:127 Resp: 257474
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8



#33
Hexachlorobutadiene
Concen: 12.170 ng/ul
RT: 11.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:225 Resp: 279209
Ion Ratio Lower Upper
225 100
223 63.6 50.2 75.4
227 65.6 50.4 75.6

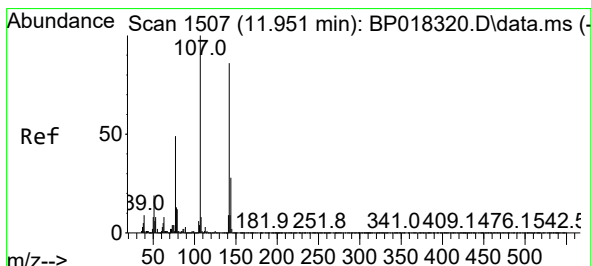
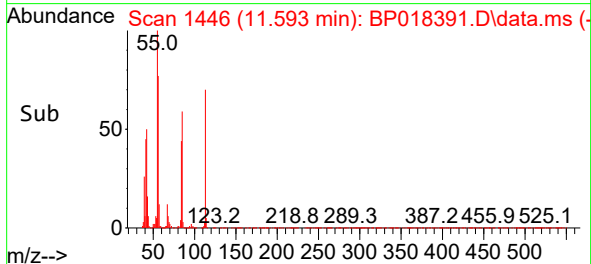
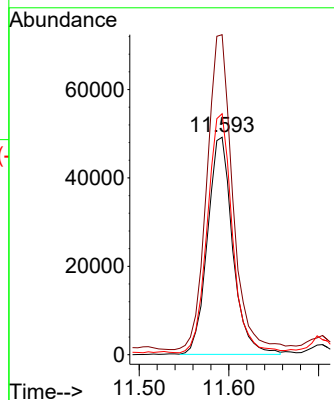
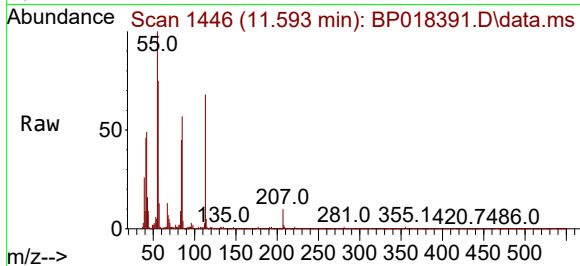




#34
Caprolactam
Concen: 9.877 ng/ul
RT: 11.593 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

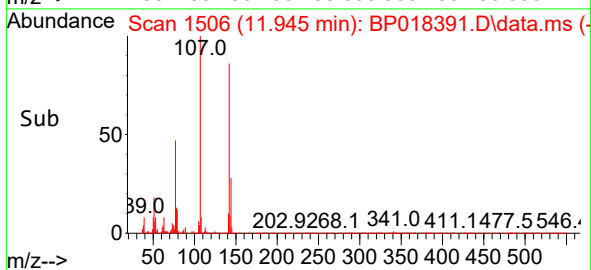
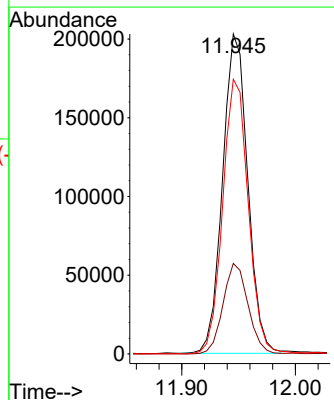
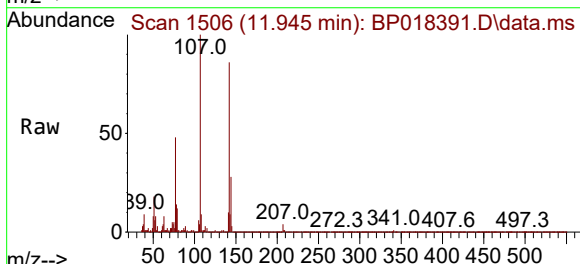
Instrument :
BNA_P
ClientSampleId :

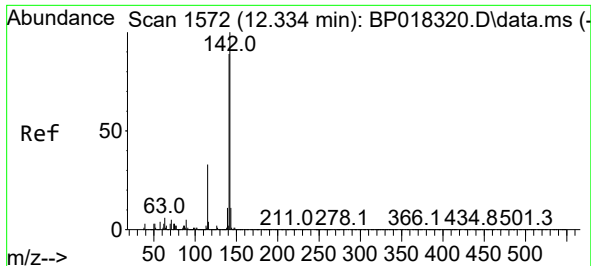
Tgt Ion:113 Resp: 95741
Ion Ratio Lower Upper
113 100
55 147.1 129.0 193.4
56 110.8 94.8 142.2



#35
4-Chloro-3-methylphenol
Concen: 8.675 ng/ul
RT: 11.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:107 Resp: 312012
Ion Ratio Lower Upper
107 100
144 28.3 21.6 32.4
142 85.8 65.4 98.0

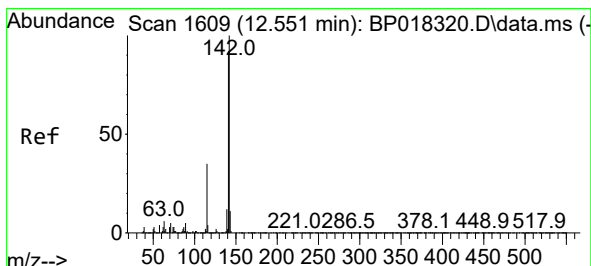
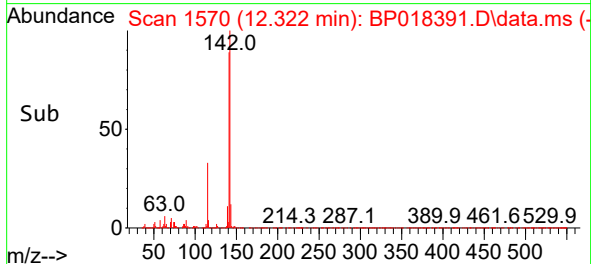
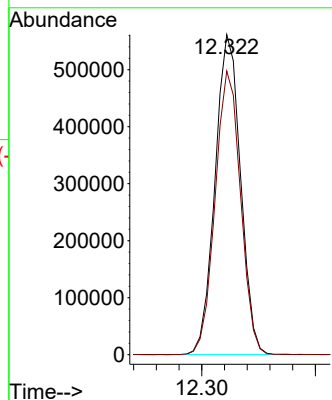
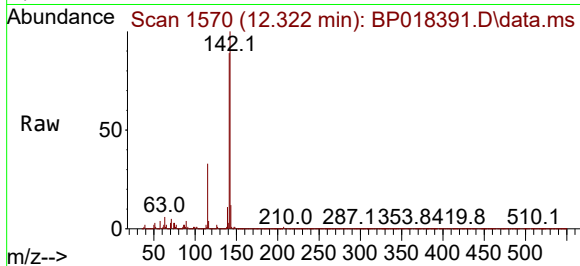




#36
2-Methylnaphthalene
Concen: 10.525 ng/ul
RT: 12.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

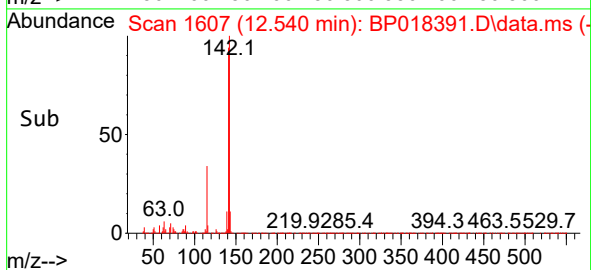
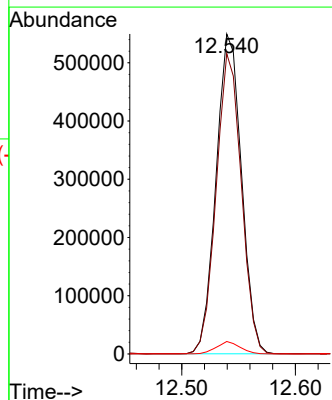
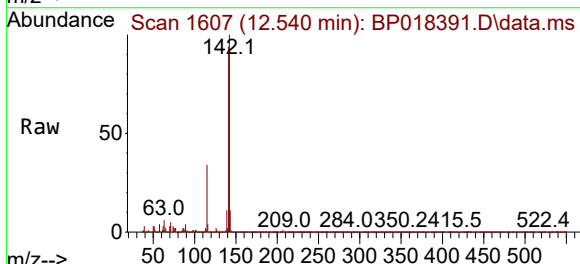
Instrument :
BNA_P
ClientSampleId :

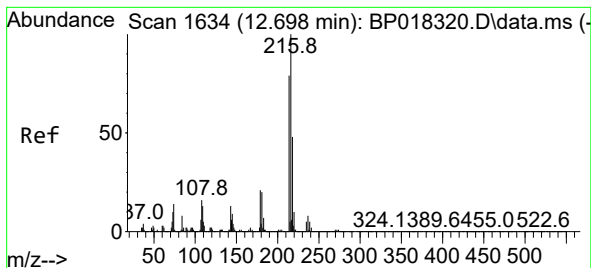
Tgt Ion:142 Resp: 874222
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#37
1-Methylnaphthalene
Concen: 10.220 ng/ul
RT: 12.540 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:142 Resp: 854476
Ion Ratio Lower Upper
142 100
141 93.8 73.9 110.9
116 3.9 3.0 4.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 13.036 ng/ul

RT: 12.687 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:216 Resp: 504326

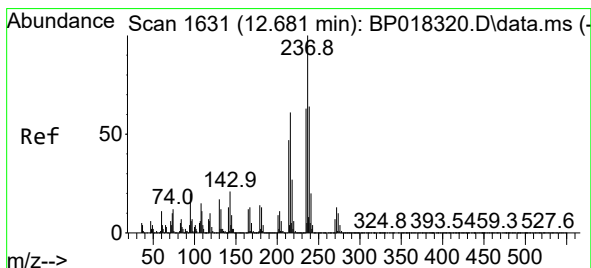
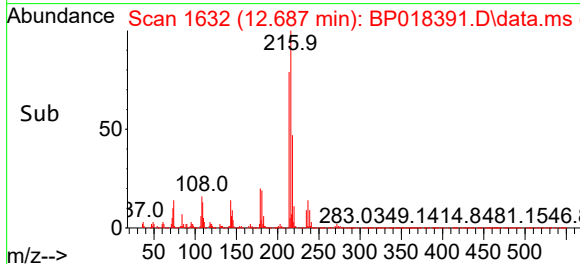
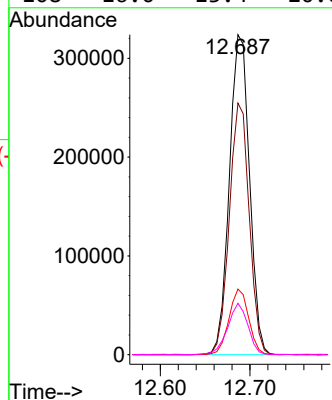
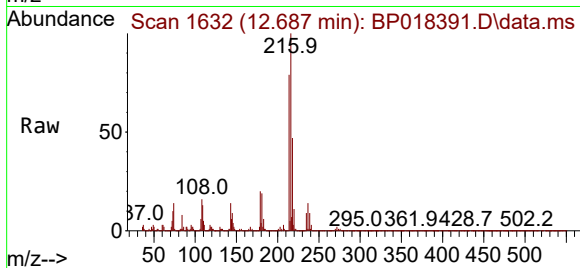
Ion Ratio Lower Upper

216 100

214 78.6 63.3 94.9

179 20.5 17.3 25.9

108 16.0 13.4 20.0



#40

Hexachlorocyclopentadiene

Concen: 10.195 ng/ul

RT: 12.669 min Scan# 1629

Delta R.T. -0.012 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

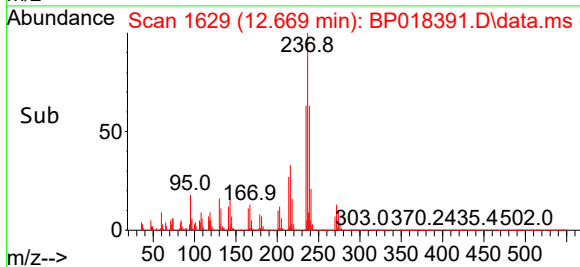
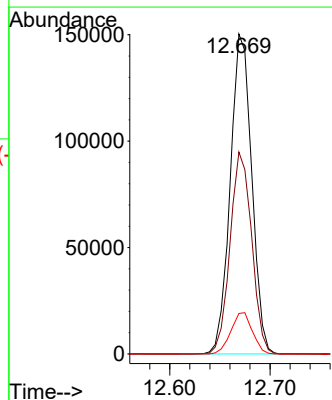
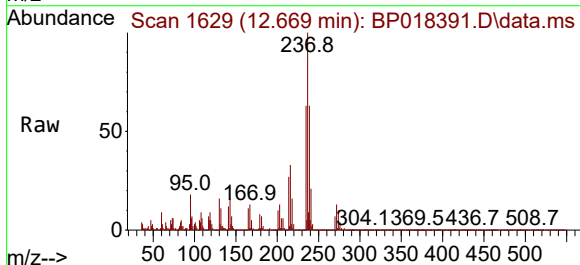
Tgt Ion:237 Resp: 223375

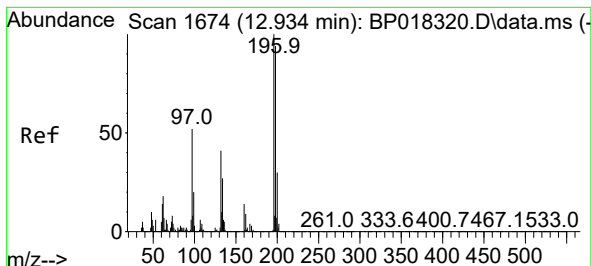
Ion Ratio Lower Upper

237 100

235 63.1 50.7 76.1

272 12.7 10.3 15.5





#41

2,4,6-Trichlorophenol

Concen: 11.924 ng/ul

RT: 12.928 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

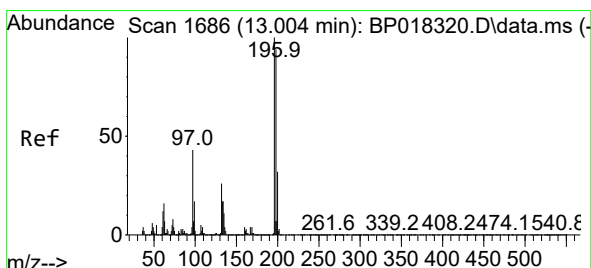
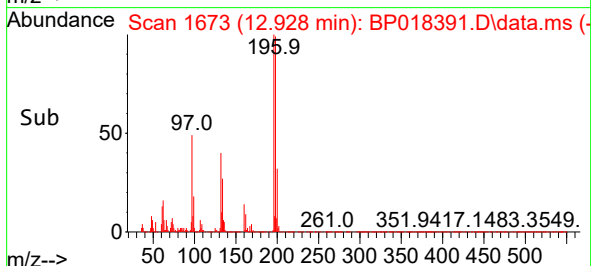
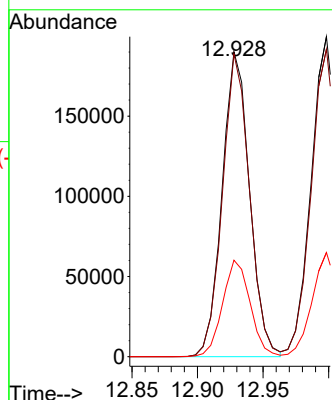
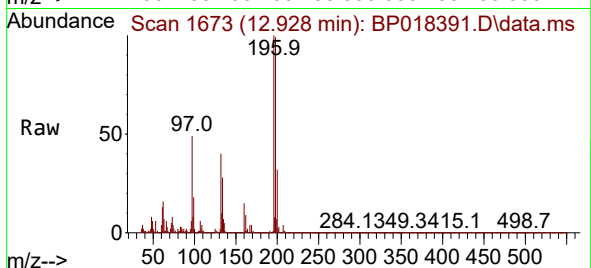
Tgt Ion:196 Resp: 277022

Ion Ratio Lower Upper

196 100

198 99.3 78.0 117.0

200 31.6 24.6 37.0



#42

2,4,5-Trichlorophenol

Concen: 11.680 ng/ul

RT: 12.998 min Scan# 1685

Delta R.T. -0.000 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

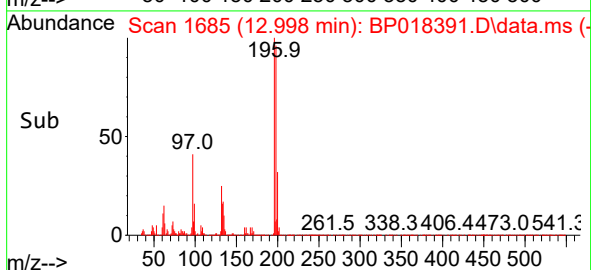
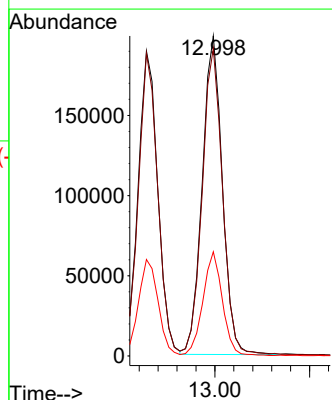
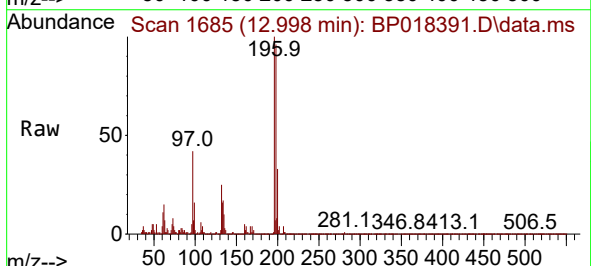
Tgt Ion:196 Resp: 293432

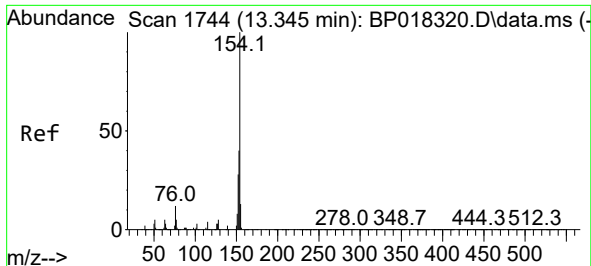
Ion Ratio Lower Upper

196 100

198 96.1 76.7 115.1

200 32.6 24.6 36.8

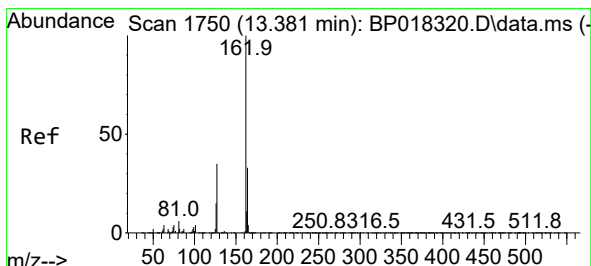
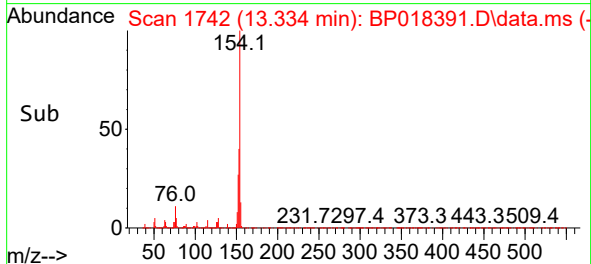
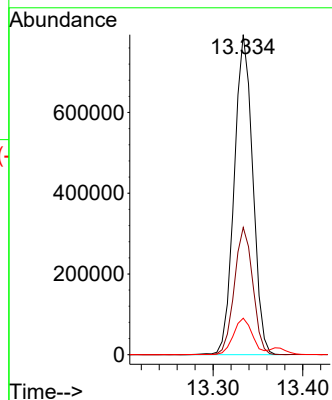
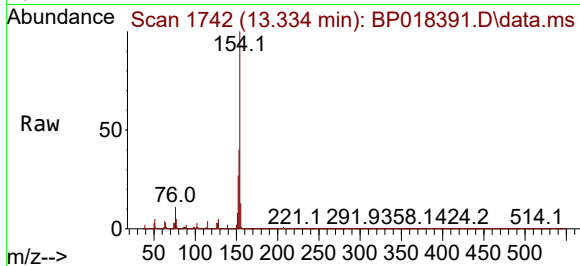




#43
1,1'-Biphenyl
Concen: 11.905 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

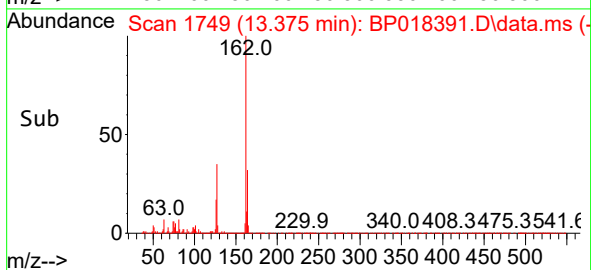
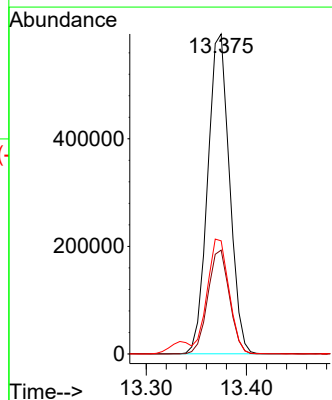
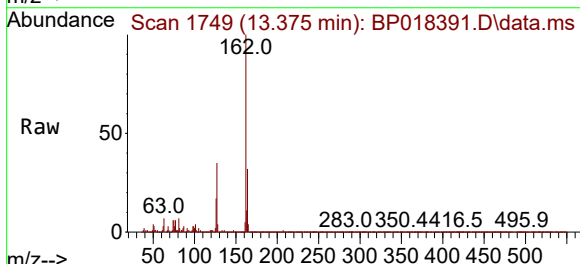
Instrument :
BNA_P
ClientSampleId :

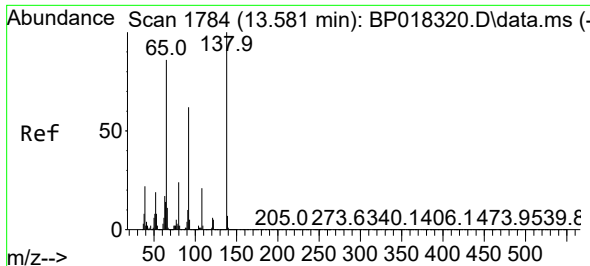
Tgt Ion:154 Resp: 1136150
Ion Ratio Lower Upper
154 100
153 39.8 32.2 48.2
76 11.4 9.9 14.9



#44
2-Chloronaphthalene
Concen: 11.899 ng/ul
RT: 13.375 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:162 Resp: 898828
Ion Ratio Lower Upper
162 100
164 32.4 26.2 39.4
127 35.4 30.6 45.8

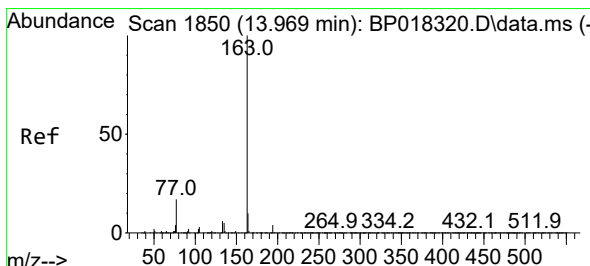
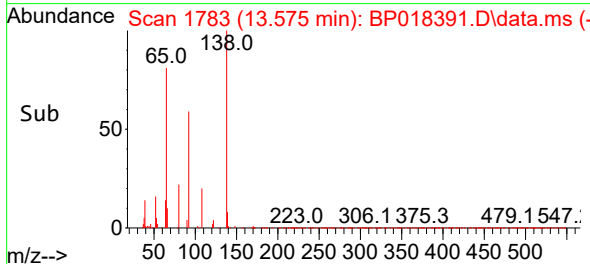
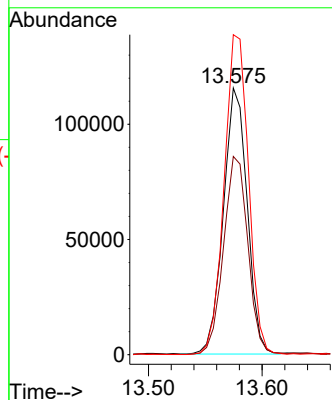
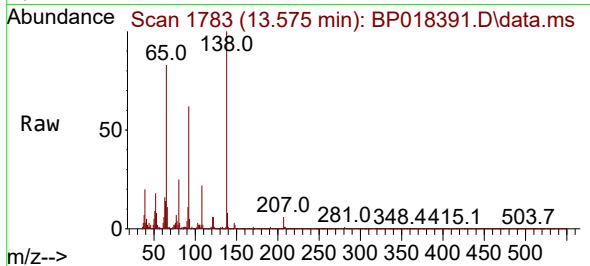




#45
2-Nitroaniline
Concen: 10.359 ng/ul
RT: 13.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

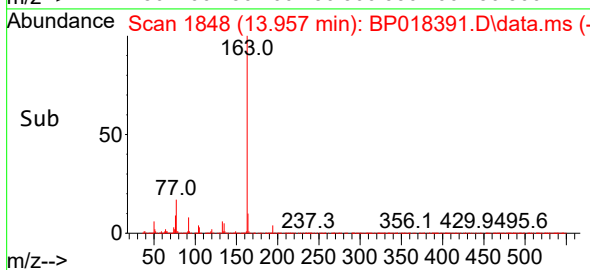
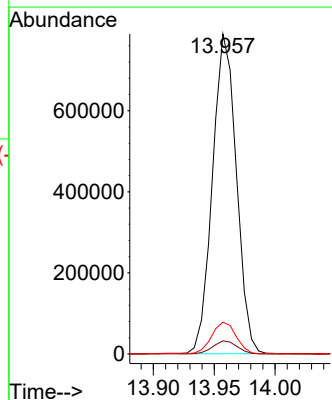
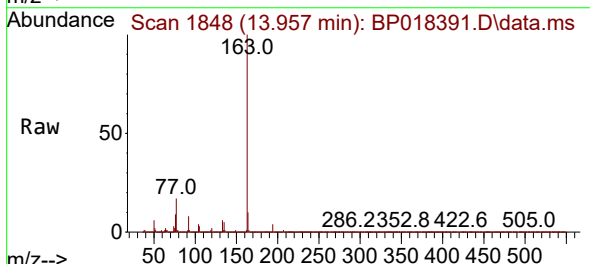
Instrument :
BNA_P
ClientSampleId :

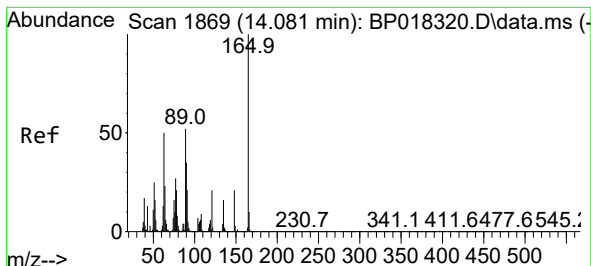
Tgt Ion: 65 Resp: 168361
Ion Ratio Lower Upper
65 100
92 74.3 57.4 86.2
138 120.0 90.6 136.0



#47
Dimethylphthalate
Concen: 11.300 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion: 163 Resp: 1077599
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 7.9 11.9





#48

2,6-Dinitrotoluene

Concen: 10.979 ng/ul

RT: 14.075 min Scan# 1868

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

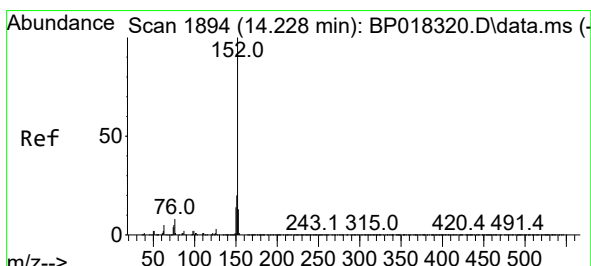
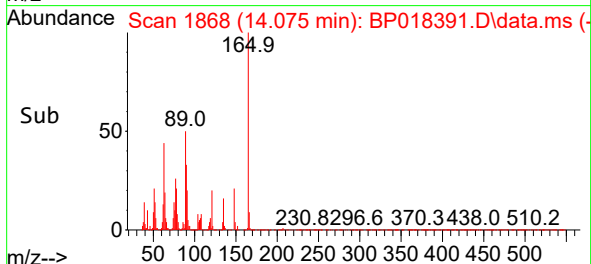
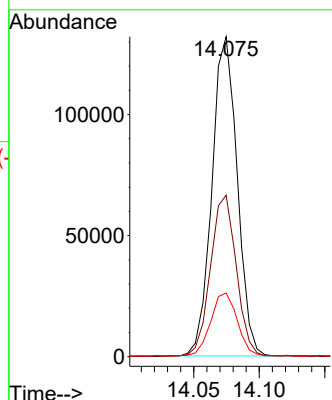
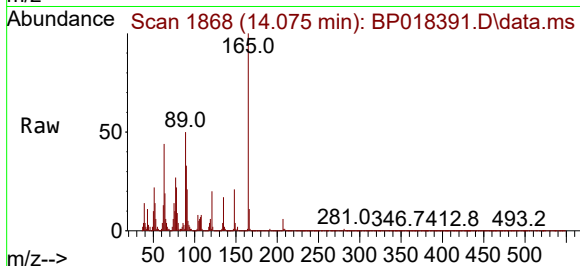
Tgt Ion:165 Resp: 176529

Ion Ratio Lower Upper

165 100

89 50.4 45.8 68.6

121 19.9 17.8 26.8



#50

Acenaphthylene

Concen: 11.143 ng/ul

RT: 14.216 min Scan# 1892

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

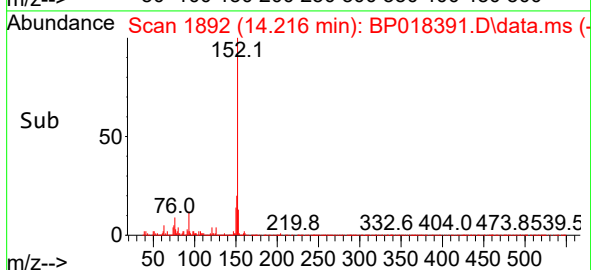
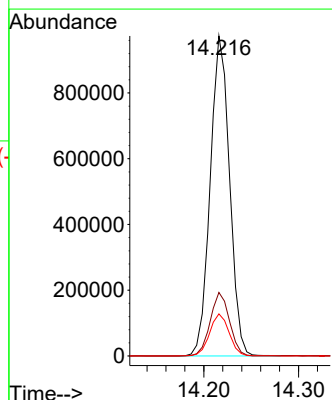
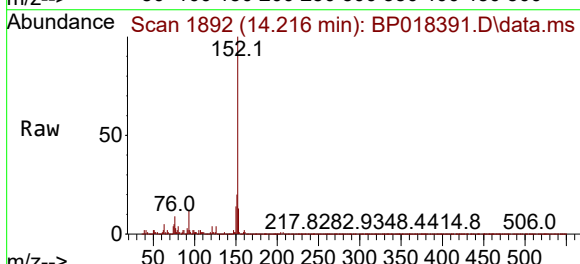
Tgt Ion:152 Resp: 1379420

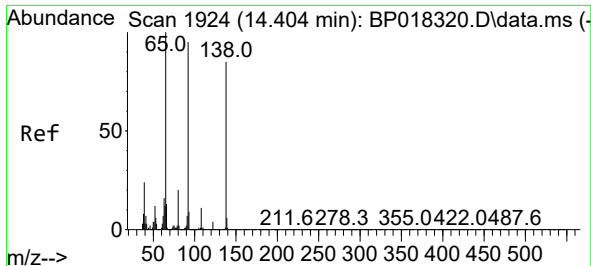
Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

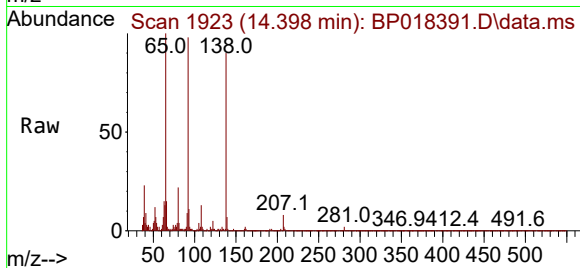
153 13.2 10.8 16.2



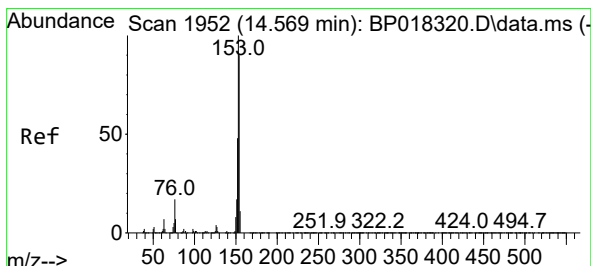
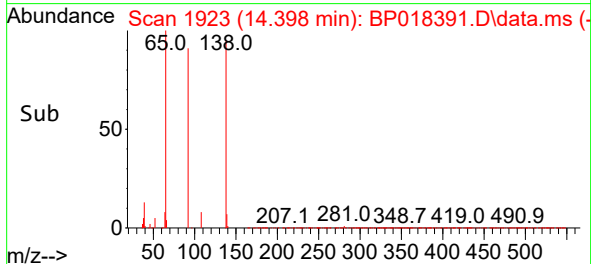
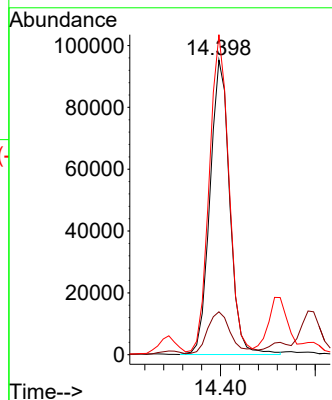


#51
3-Nitroaniline
Concen: 8.621 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Instrument :
BNA_P
ClientSampleId :

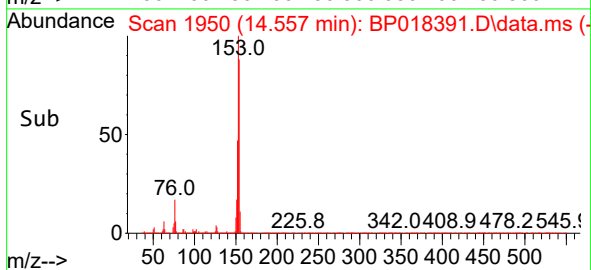
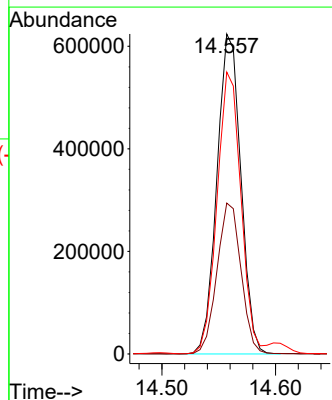
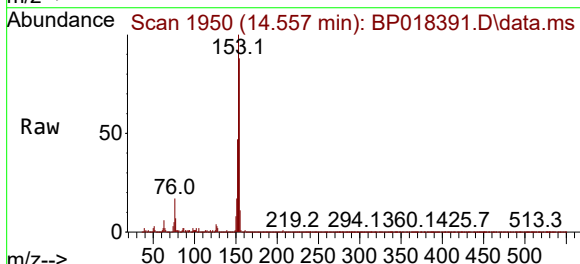


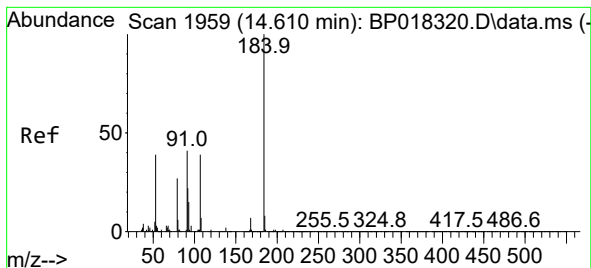
Tgt Ion:138 Resp: 137714
Ion Ratio Lower Upper
138 100
108 14.5 13.2 19.8
92 108.6 90.2 135.4



#52
Acenaphthene
Concen: 11.317 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:153 Resp: 915167
Ion Ratio Lower Upper
153 100
152 47.2 37.8 56.8
154 88.1 71.2 106.8

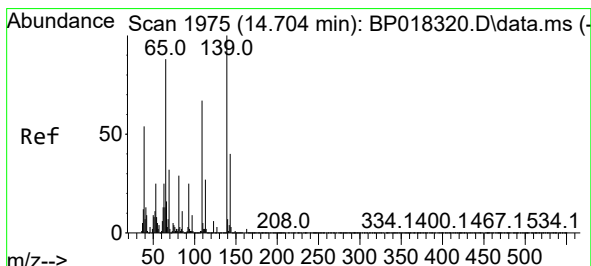
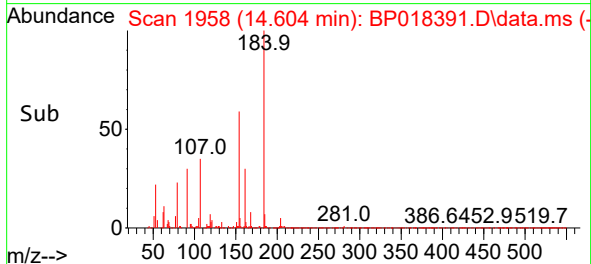
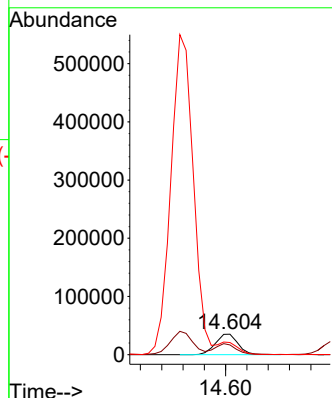
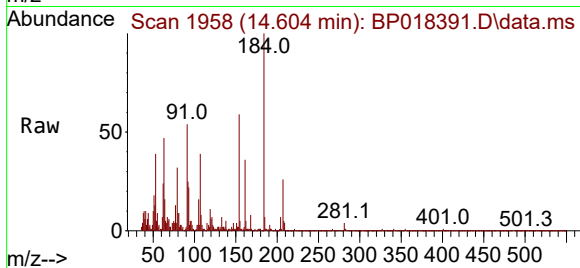




#53
2,4-Dinitrophenol
Concen: 9.283 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

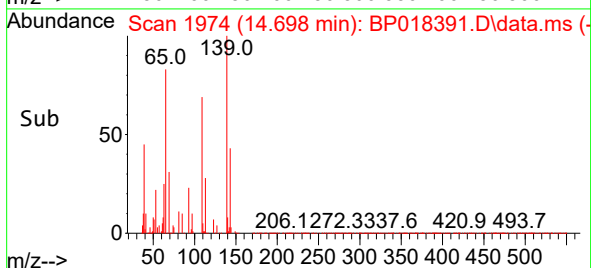
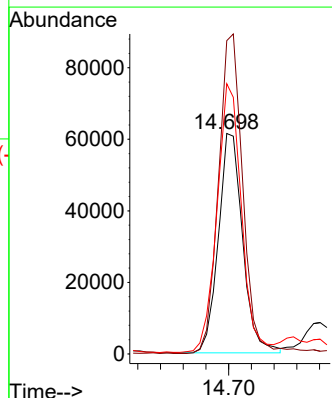
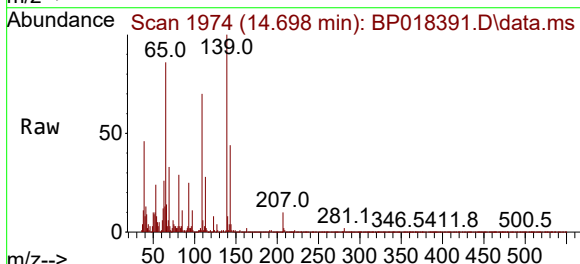
Instrument :
BNA_P
ClientSampleId :

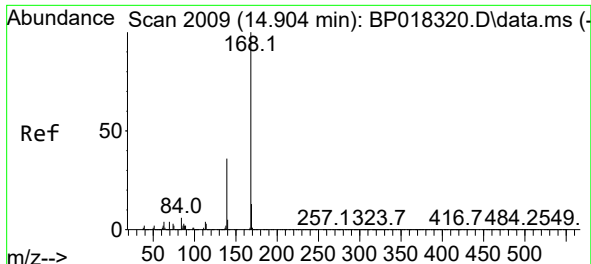
Tgt Ion:184 Resp: 52072
Ion Ratio Lower Upper
184 100
63 47.4 41.8 62.6
154 59.4 47.3 70.9



#55
4-Nitrophenol
Concen: 9.117 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:109 Resp: 90879
Ion Ratio Lower Upper
109 100
139 142.1 113.0 169.4
65 122.6 99.6 149.4

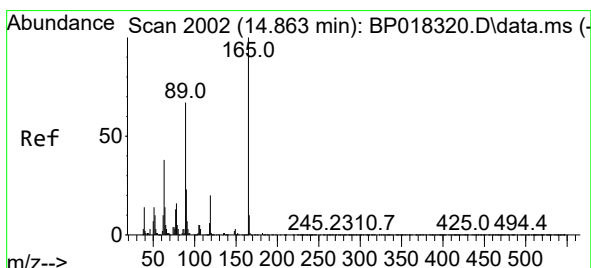
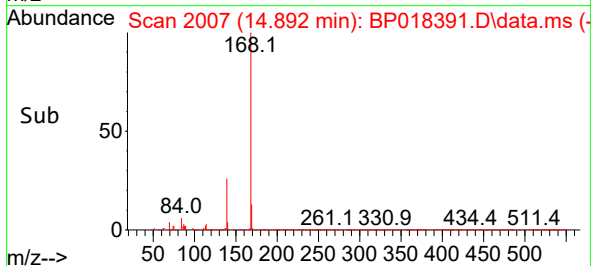
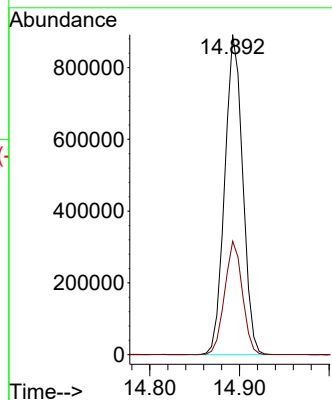
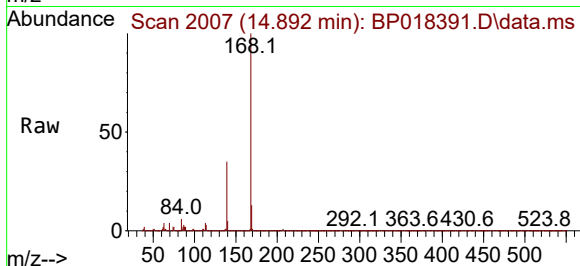




#56
Dibenzofuran
Concen: 11.217 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

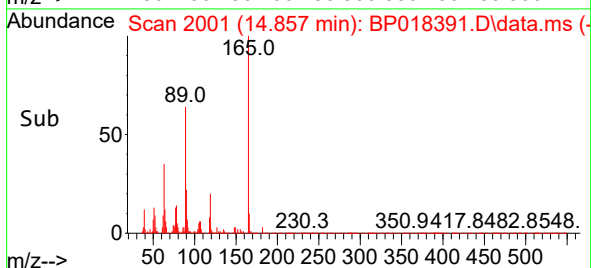
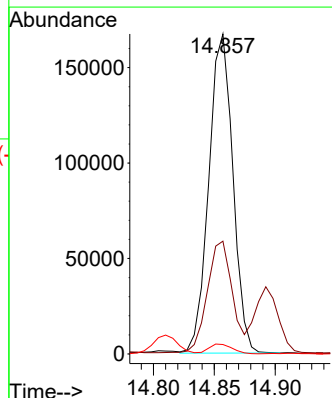
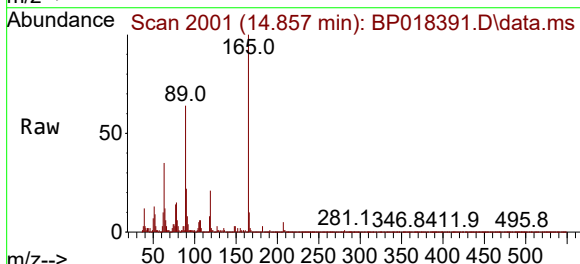
Instrument :
BNA_P
ClientSampleId :

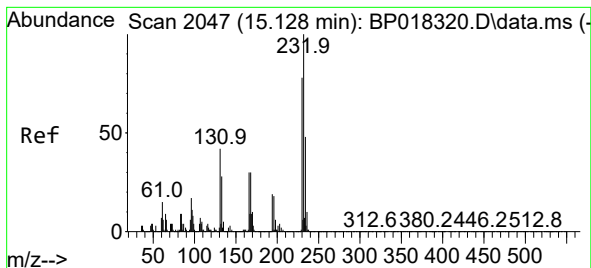
Tgt Ion:168 Resp: 1240122
Ion Ratio Lower Upper
168 100
139 35.5 29.0 43.4



#57
2,4-Dinitrotoluene
Concen: 10.589 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:165 Resp: 230072
Ion Ratio Lower Upper
165 100
63 35.3 32.1 48.1
182 2.9 2.0 3.0

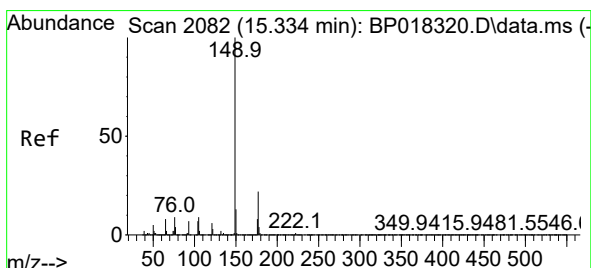
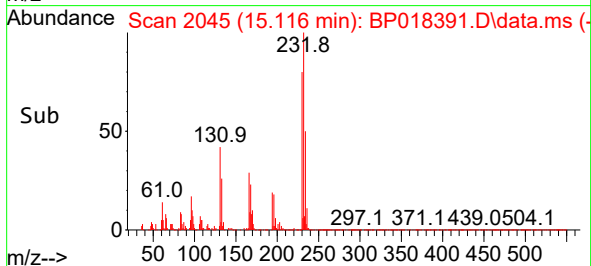
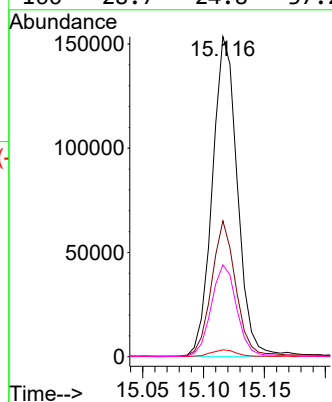
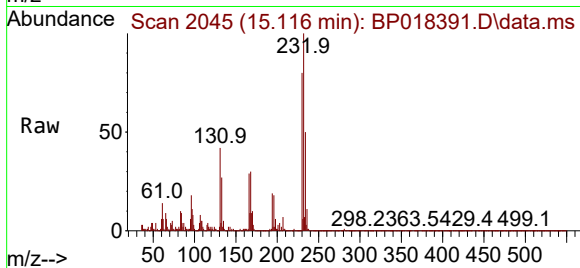




#58
2,3,4,6-Tetrachlorophenol
Concen: 11.101 ng/ul
RT: 15.116 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

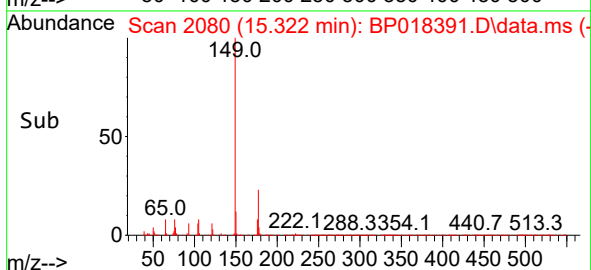
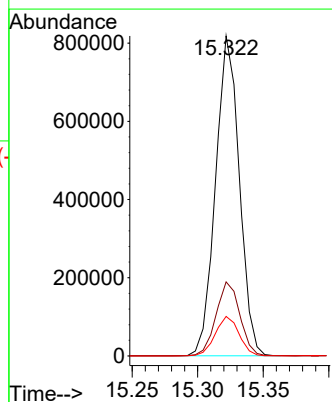
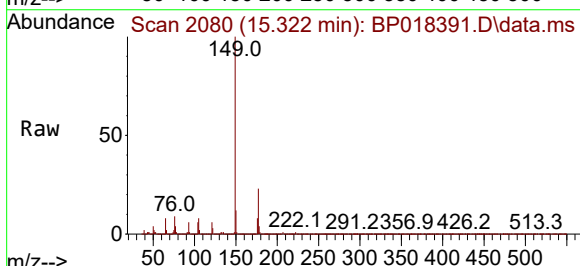
Instrument :
BNA_P
ClientSampleId :

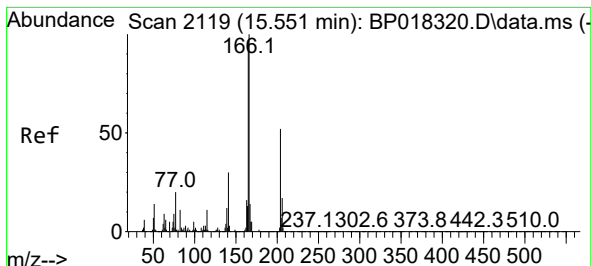
Tgt Ion:232	Resp:	219014
Ion Ratio	Lower	Upper
232	100	
131	42.4	34.1 51.1
130	2.2	1.8 2.6
166	28.7	24.8 37.2



#59
Diethylphthalate
Concen: 10.742 ng/ul
RT: 15.322 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:149	Resp:	1029062
Ion Ratio	Lower	Upper
149	100	
177	23.2	18.2 27.2
150	12.4	10.2 15.2





#61

Fluorene

Concen: 10.881 ng/ul

RT: 15.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

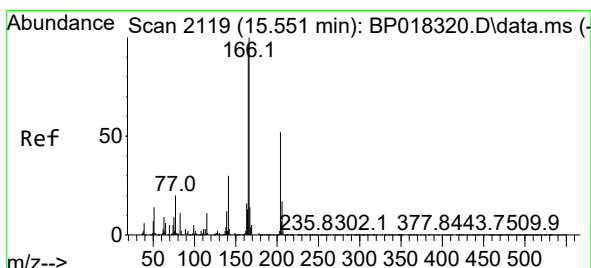
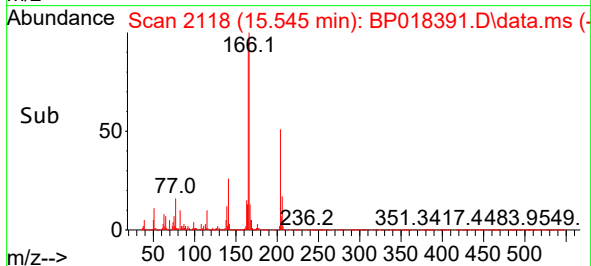
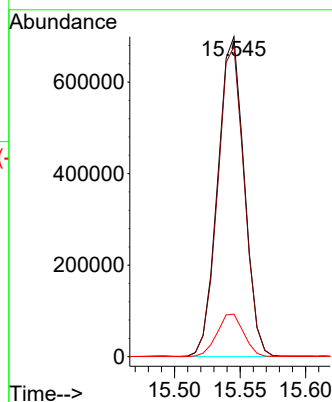
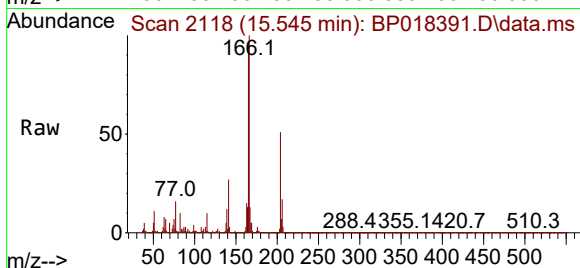
Tgt Ion:166 Resp: 981051

Ion Ratio Lower Upper

166 100

165 97.0 77.5 116.3

167 13.3 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 11.358 ng/ul

RT: 15.539 min Scan# 2117

Delta R.T. -0.012 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

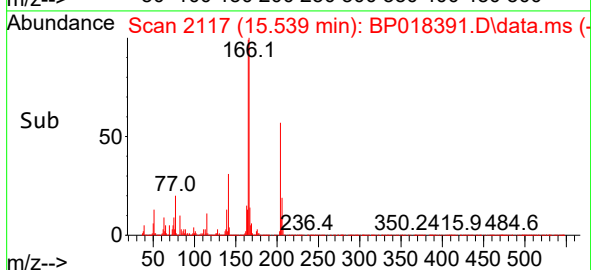
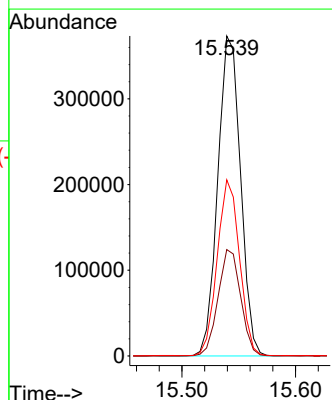
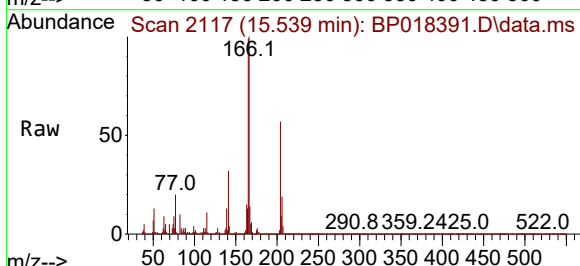
Tgt Ion:204 Resp: 520001

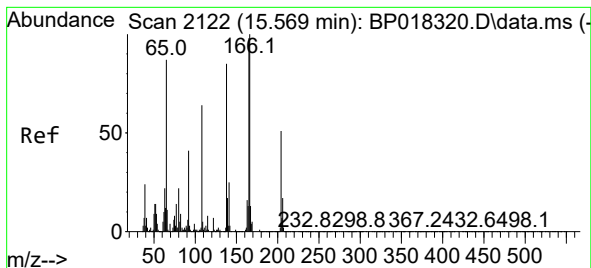
Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

141 55.1 44.8 67.2

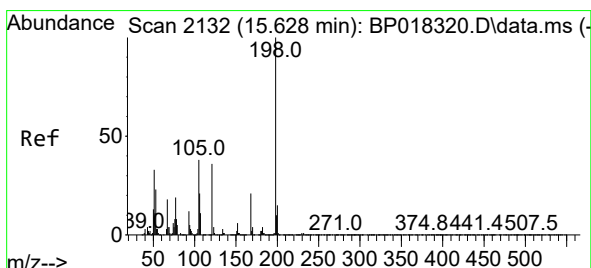
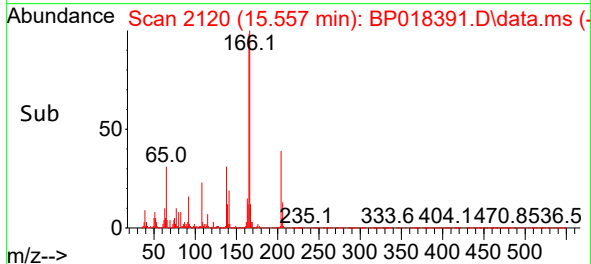
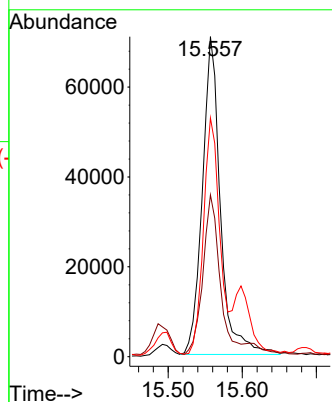
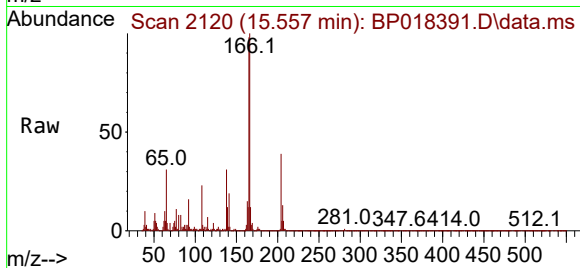




#63
4-Nitroaniline
Concen: 7.966 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

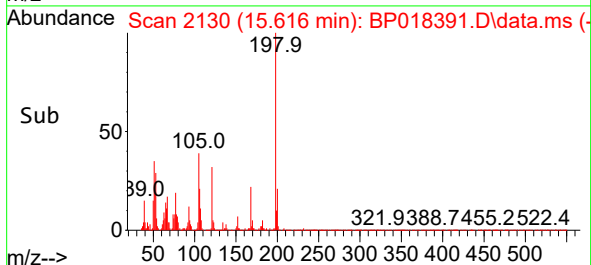
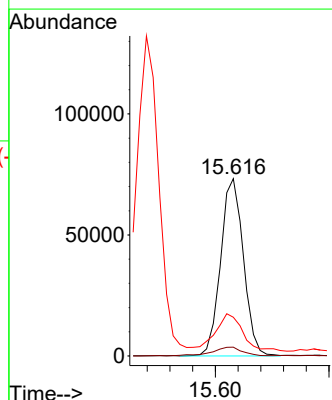
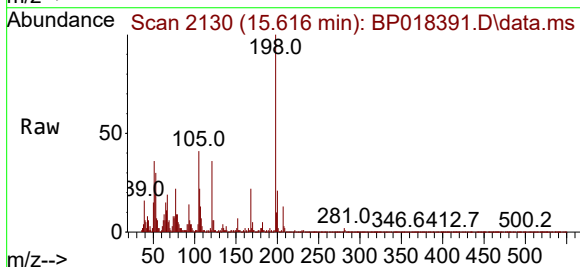
Instrument :
BNA_P
ClientSampleId :

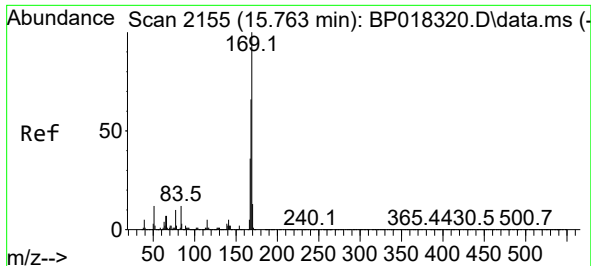
Tgt Ion:138 Resp: 120100
Ion Ratio Lower Upper
138 100
92 50.5 39.3 58.9
108 74.6 61.8 92.6



#66
4,6-Dinitro-2-methylphenol
Concen: 11.484 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:198 Resp: 101997
Ion Ratio Lower Upper
198 100
182 5.0 3.0 4.4#
77 21.9 17.3 25.9

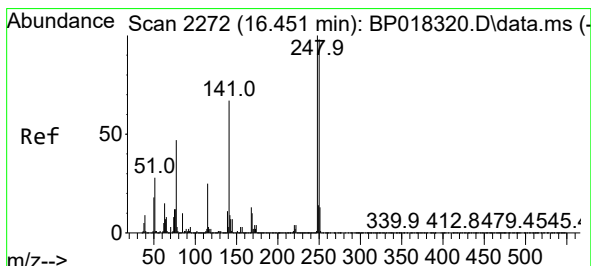
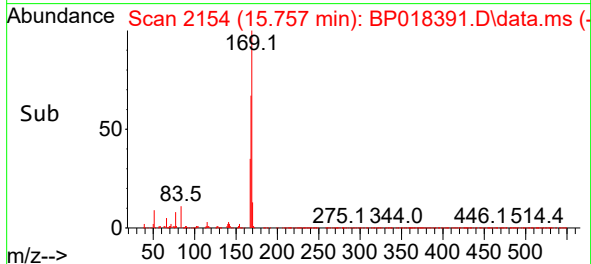
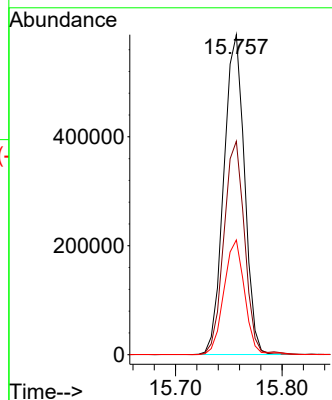
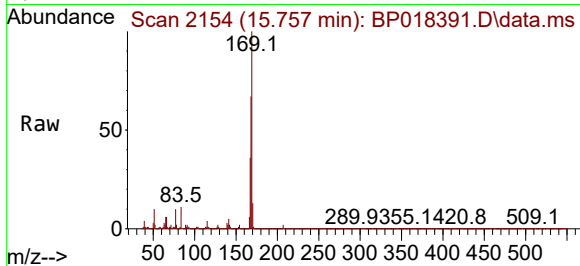




#67
N-Nitrosodiphenylamine
Concen: 12.426 ng/ul
RT: 15.757 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

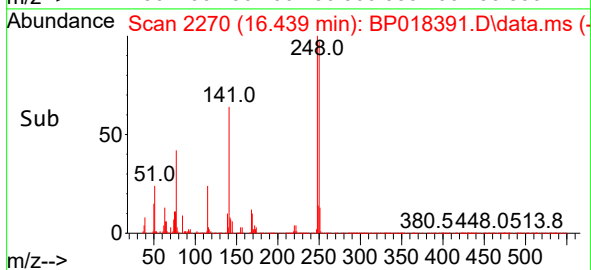
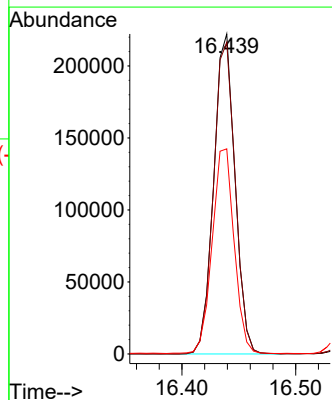
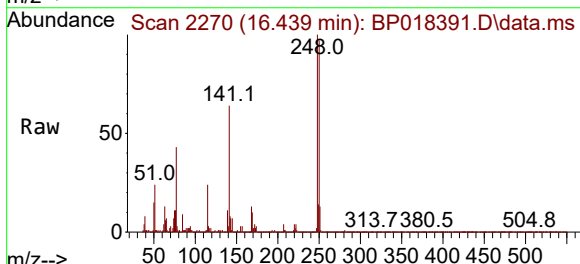
Instrument :
BNA_P
ClientSampleId :

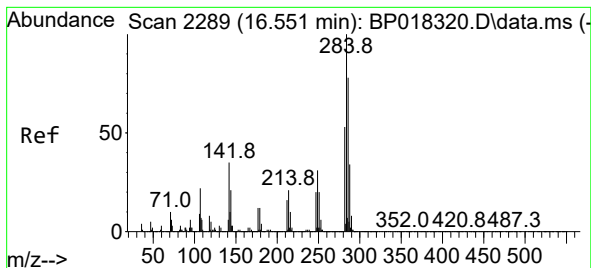
Tgt Ion:169 Resp: 792723
Ion Ratio Lower Upper
169 100
168 66.7 53.1 79.7
167 35.9 28.8 43.2



#68
4-Bromophenyl-phenylether
Concen: 12.165 ng/ul
RT: 16.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:248 Resp: 288945
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 64.1 56.0 84.0





#69

Hexachlorobenzene

Concen: 13.465 ng/ul

RT: 16.545 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

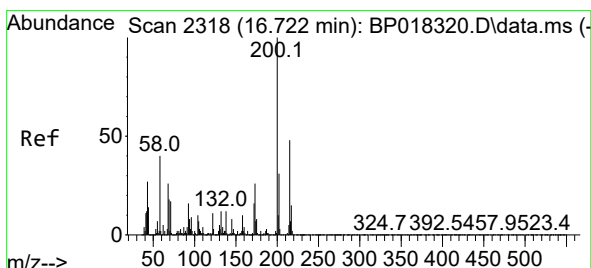
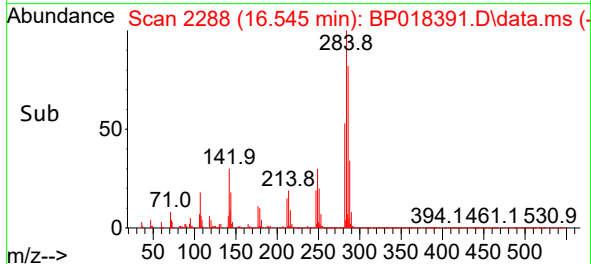
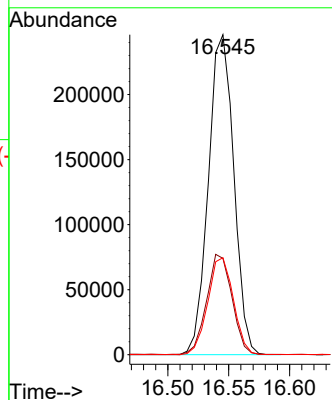
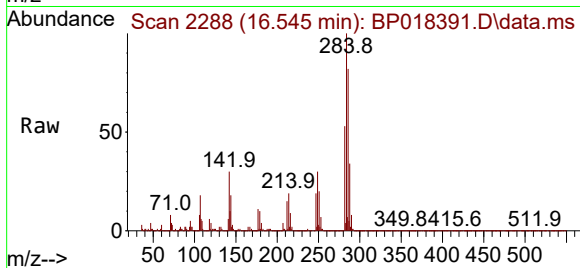
Tgt Ion:284 Resp: 357559

Ion Ratio Lower Upper

284 100

142 30.1 28.9 43.3

249 30.3 26.0 39.0



#70

Atrazine

Concen: 12.063 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

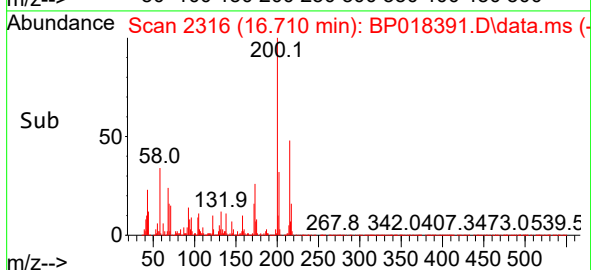
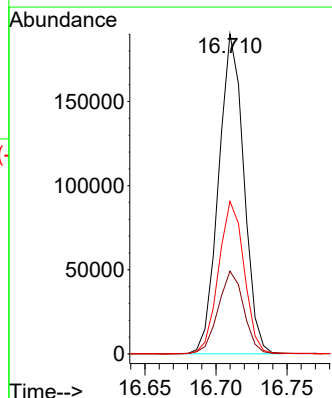
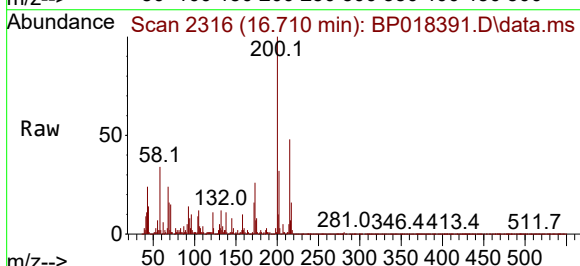
Tgt Ion:200 Resp: 234928

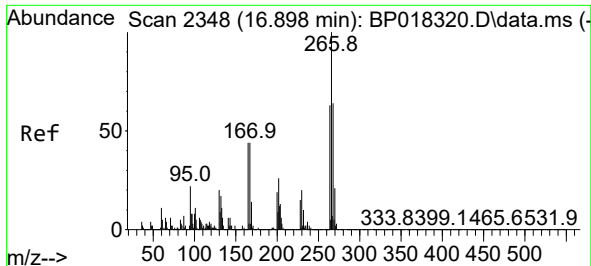
Ion Ratio Lower Upper

200 100

173 25.9 21.1 31.7

215 47.7 38.3 57.5

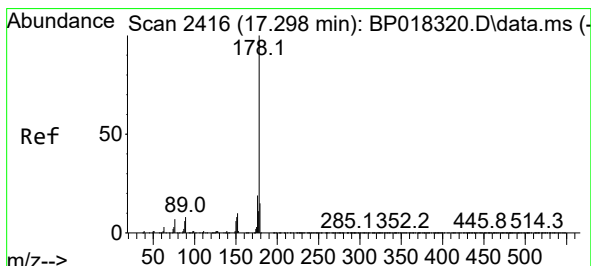
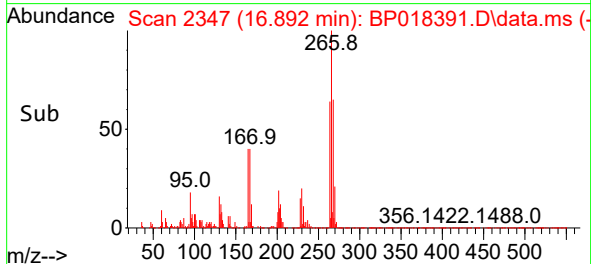
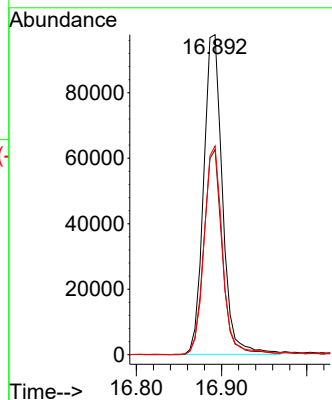
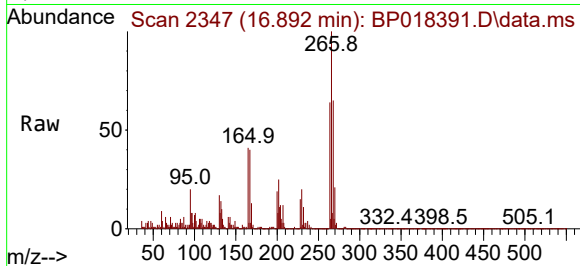




#71
Pentachlorophenol
Concen: 10.967 ng/ul
RT: 16.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

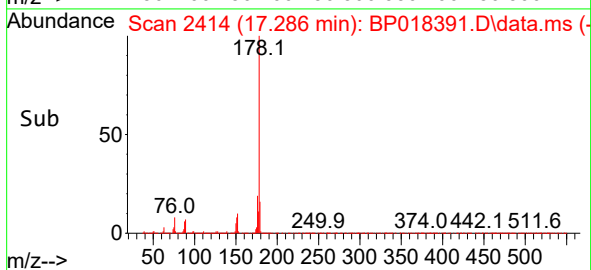
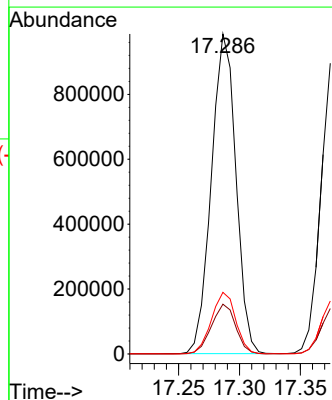
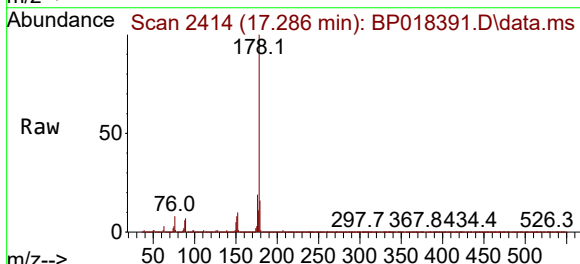
Instrument :
BNA_P
ClientSampleId :

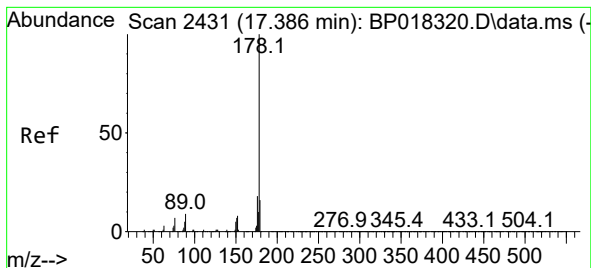
Tgt Ion:266 Resp: 149633
Ion Ratio Lower Upper
266 100
264 64.1 50.1 75.1
268 65.3 50.1 75.1



#72
Phenanthrene
Concen: 12.080 ng/ul
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:178 Resp: 1382323
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.2 15.1 22.7





#74

Anthracene

Concen: 11.469 ng/uI

RT: 17.375 min Scan# 2431

Delta R.T. -0.012 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

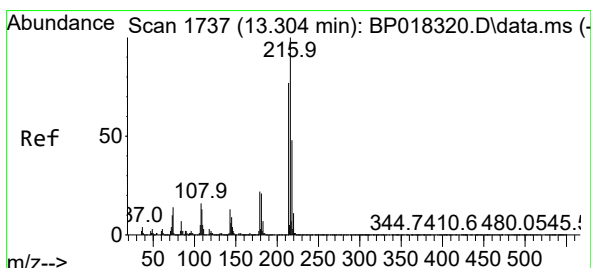
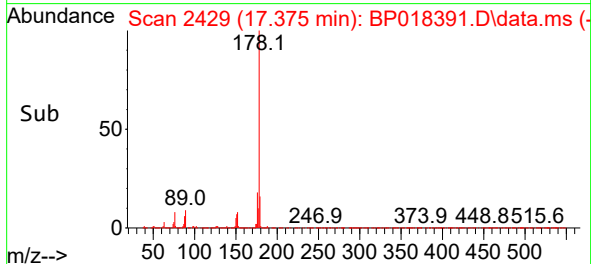
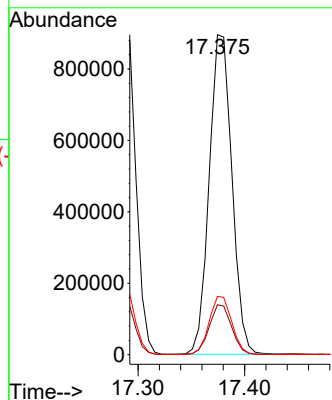
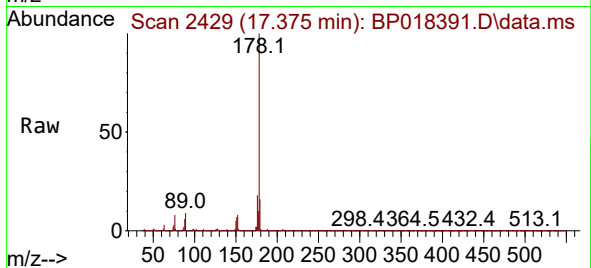
Tgt Ion:178 Resp: 1324752

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.2 15.2 22.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 15.328 ng/uI

RT: 13.292 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

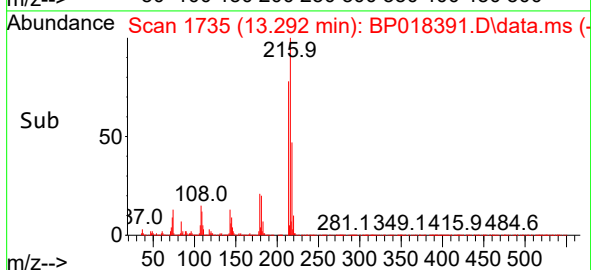
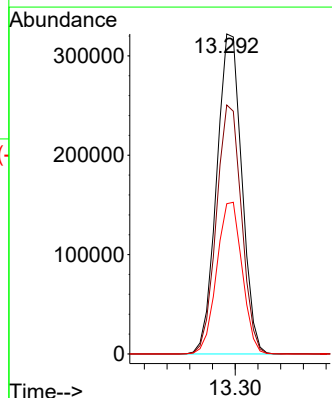
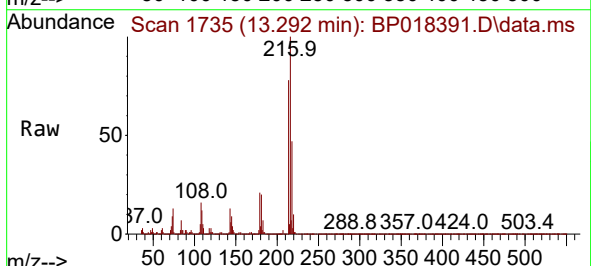
Tgt Ion:216 Resp: 495649

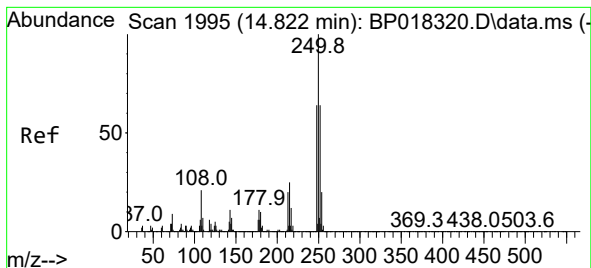
Ion Ratio Lower Upper

216 100

214 77.8 62.0 93.0

218 46.9 38.6 57.8





#76

Pentachlorobenzene

Concen: 14.730 ng/uL

RT: 14.810 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

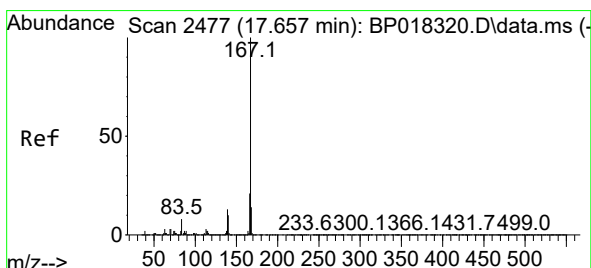
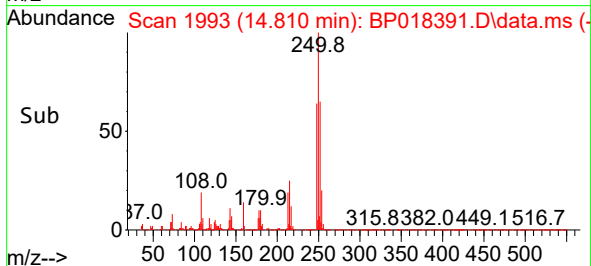
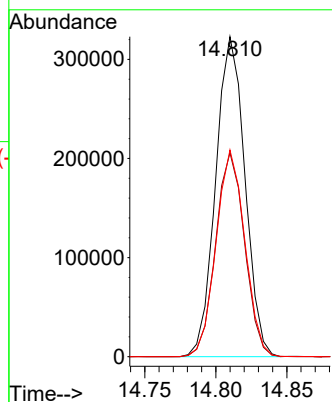
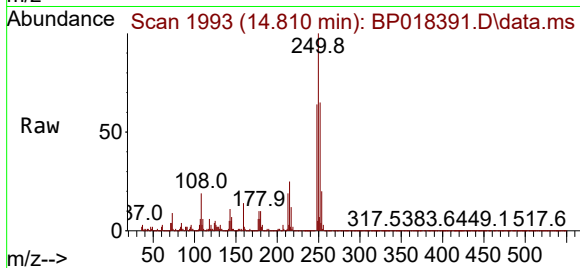
Tgt Ion:250 Resp: 462684

Ion Ratio Lower Upper

250 100

248 63.7 51.0 76.6

252 64.6 51.5 77.3



#77

Carbazole

Concen: 12.012 ng/uL

RT: 17.651 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

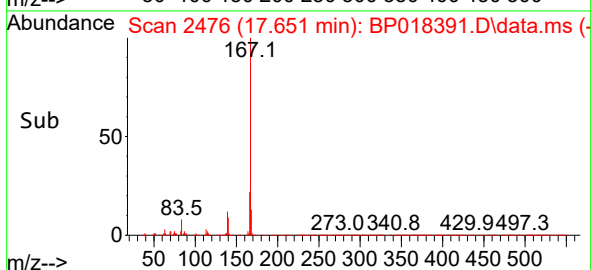
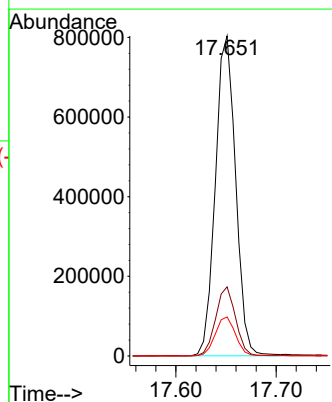
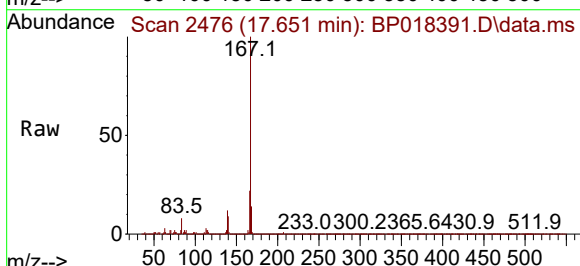
Tgt Ion:167 Resp: 1124046

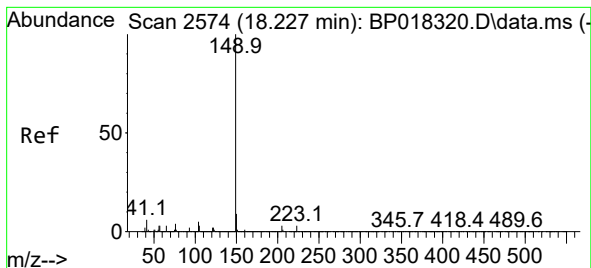
Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 12.2 10.0 15.0





#78

Di-n-butylphthalate

Concen: 11.393 ng/ul

RT: 18.216 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

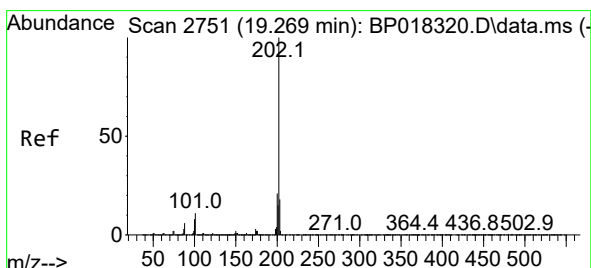
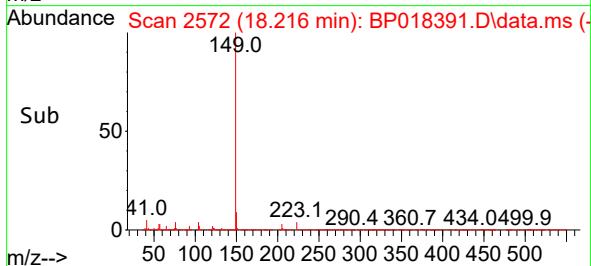
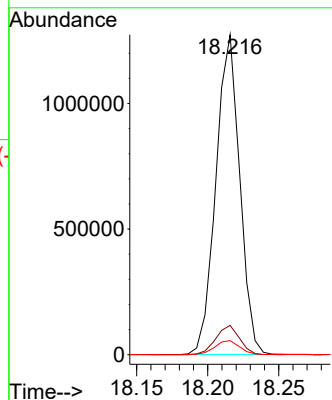
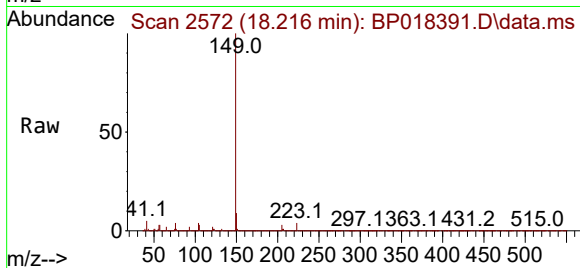
Tgt Ion:149 Resp: 1482928

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.4 3.8 5.6



#80

Fluoranthene

Concen: 9.884 ng/ul

RT: 19.257 min Scan# 2749

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

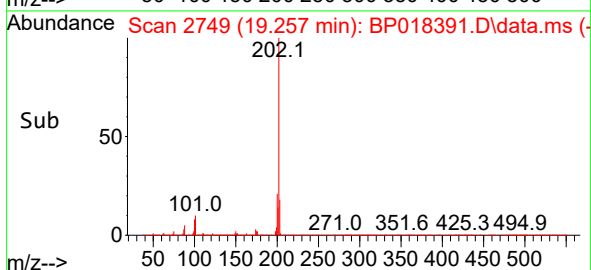
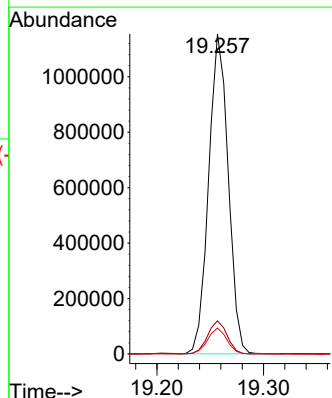
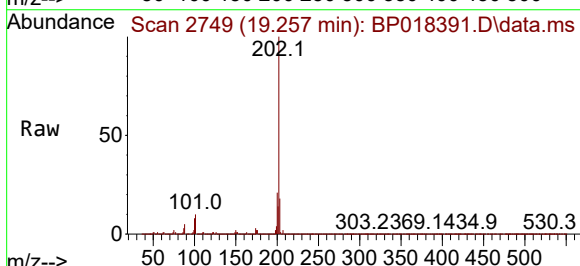
Tgt Ion:202 Resp: 1470972

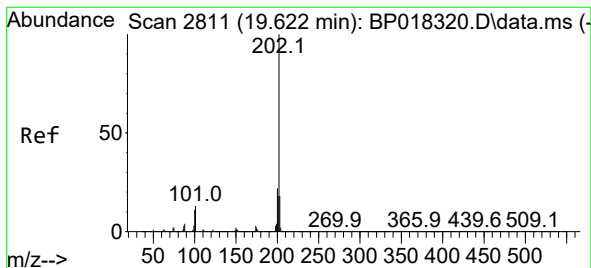
Ion Ratio Lower Upper

202 100

101 10.4 8.6 13.0

100 8.1 6.7 10.1





#82

Pyrene

Concen: 9.987 ng/ul

RT: 19.610 min Scan# 2809

Delta R.T. -0.006 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

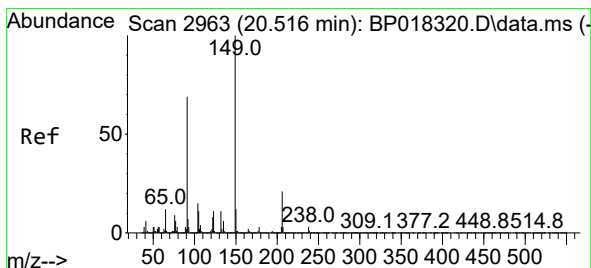
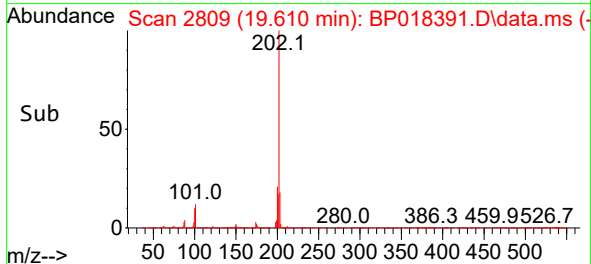
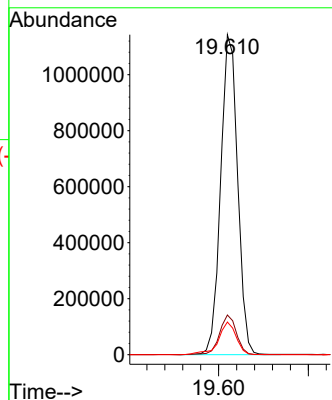
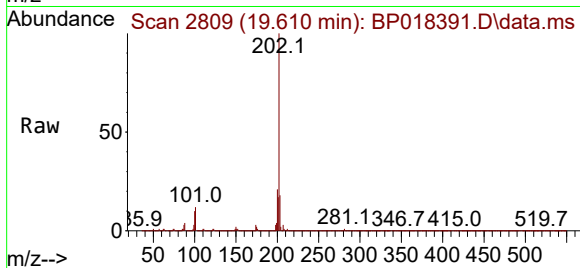
Tgt Ion:202 Resp: 1496641

Ion Ratio Lower Upper

202 100

101 12.4 10.2 15.4

100 10.2 8.4 12.6



#83

Butylbenzylphthalate

Concen: 9.787 ng/ul

RT: 20.510 min Scan# 2962

Delta R.T. -0.000 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

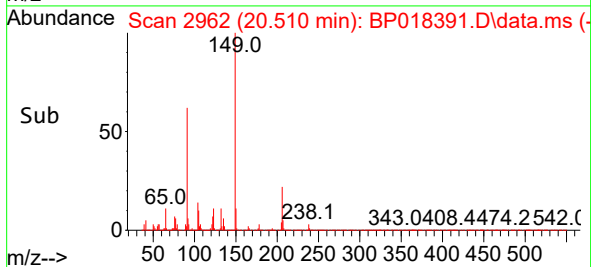
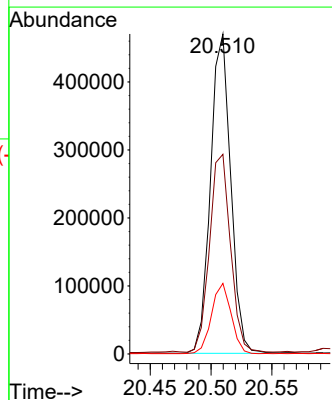
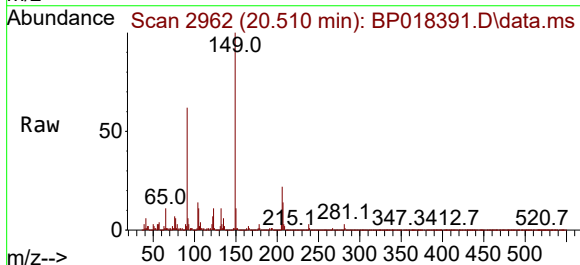
Tgt Ion:149 Resp: 542748

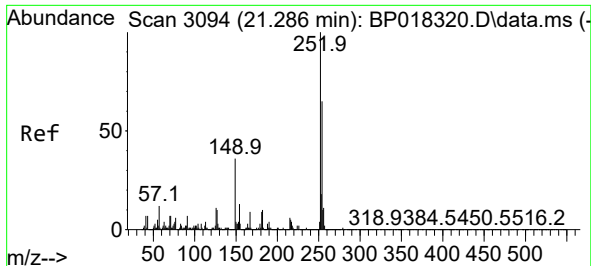
Ion Ratio Lower Upper

149 100

91 62.4 53.7 80.5

206 22.1 16.4 24.6

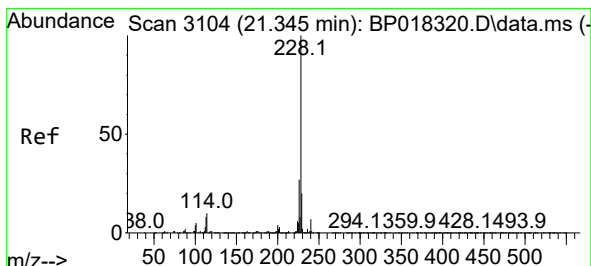
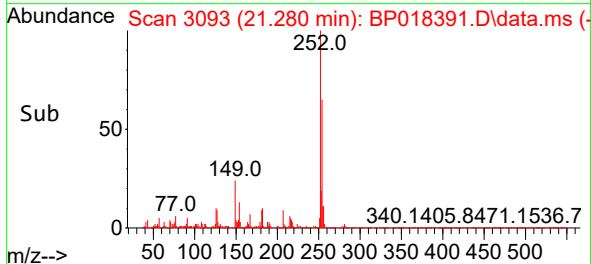
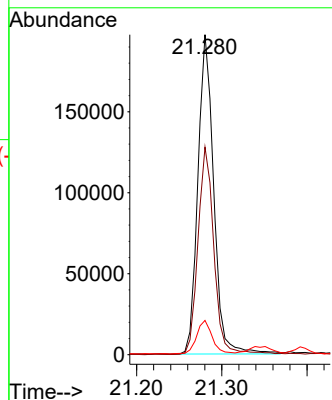
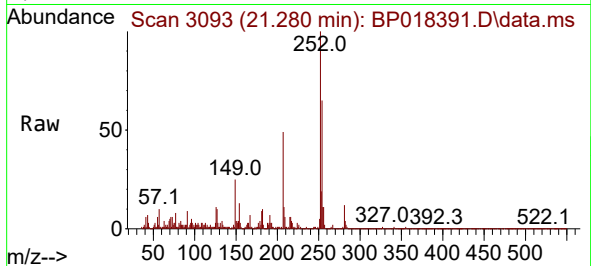




#84
3,3'-Dichlorobenzidine
Concen: 6.729 ng/ul
RT: 21.280 min Scan# 3094
Delta R.T. 0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

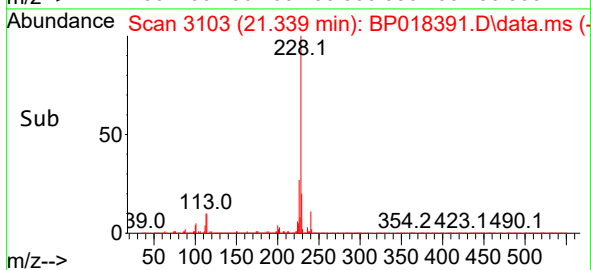
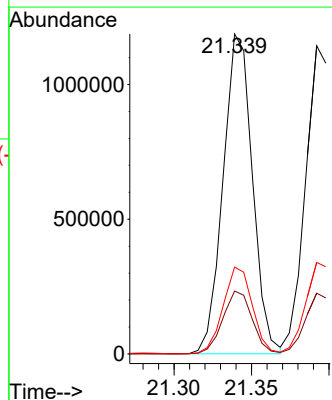
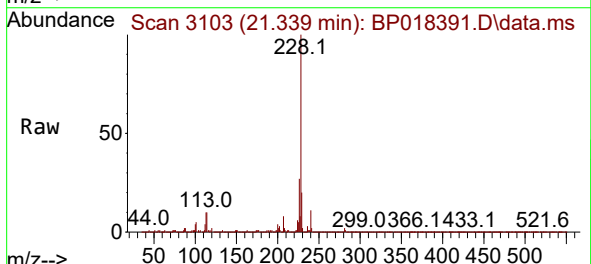
Instrument :
BNA_P
ClientSampleId :

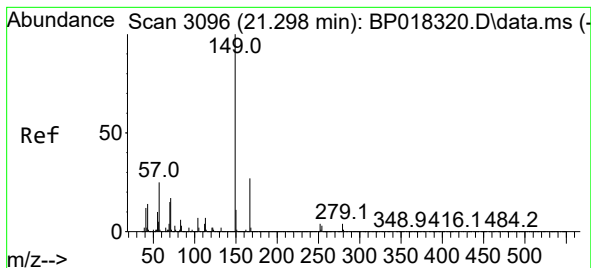
Tgt Ion:252 Resp: 254735
Ion Ratio Lower Upper
252 100
254 64.8 51.1 76.7
126 10.7 8.6 12.8



#85
Benzo(a)anthracene
Concen: 12.254 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:228 Resp: 1563126
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.2 22.2 33.2

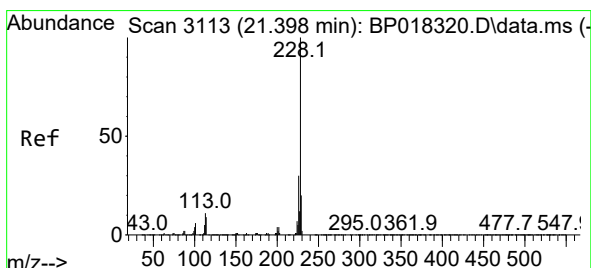
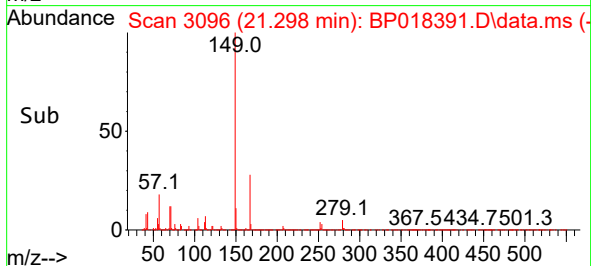
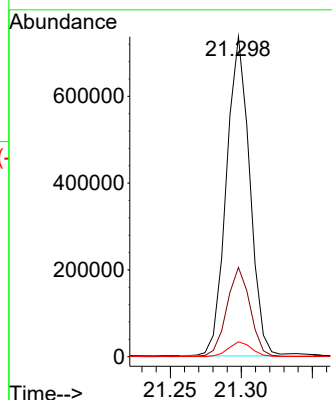
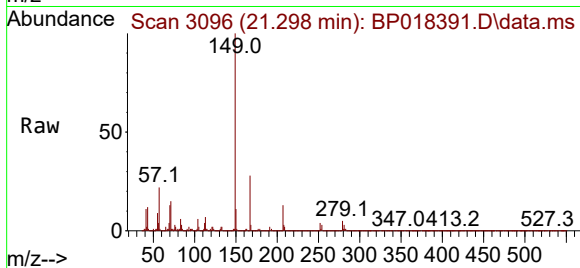




#86
Bis(2-ethylhexyl)phthalate
Concen: 10.083 ng/ul
RT: 21.298 min Scan# 3096
Delta R.T. 0.006 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

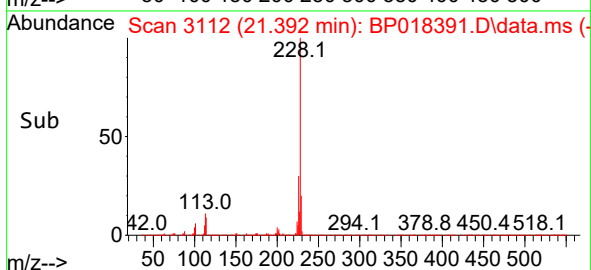
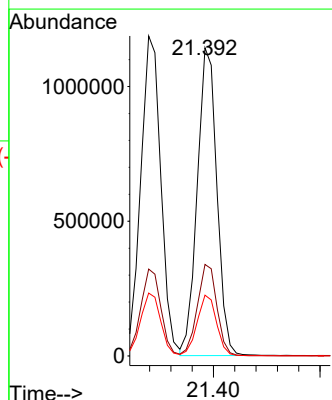
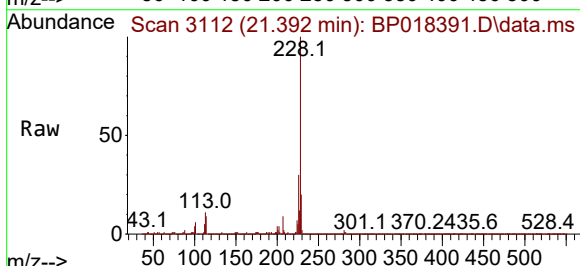
Instrument :
BNA_P
ClientSampleId :

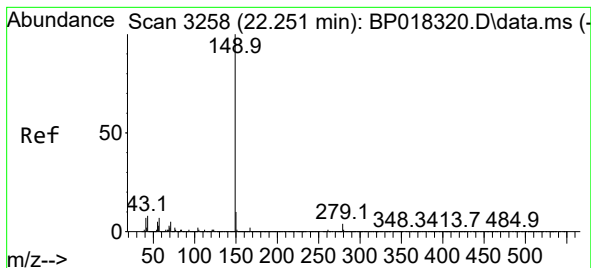
Tgt Ion:149 Resp: 838908
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 4.7 3.4 5.0



#87
Chrysene
Concen: 12.621 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP018391.D
Acq: 26 Nov 2023 04:53

Tgt Ion:228 Resp: 1465005
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.4
229 19.8 16.1 24.1





#89

Di-n-octyl phthalate

Concen: 9.683 ng/ul

RT: 22.263 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP018391.D

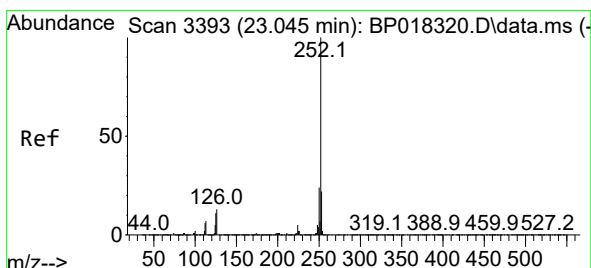
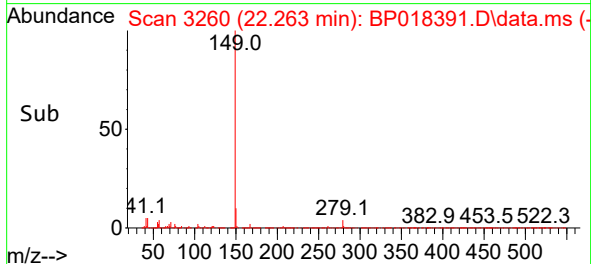
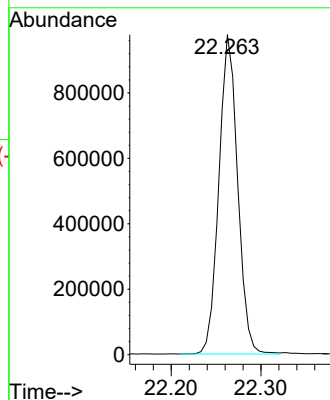
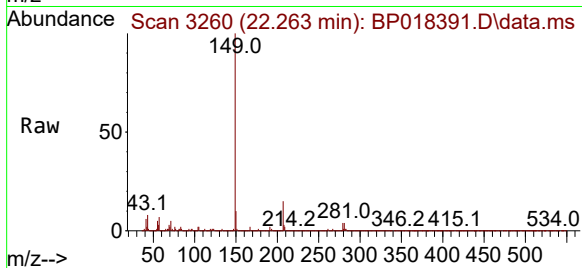
Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 1418668



#90

Benzo(b)fluoranthene

Concen: 11.752 ng/ul

RT: 23.051 min Scan# 3394

Delta R.T. 0.012 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

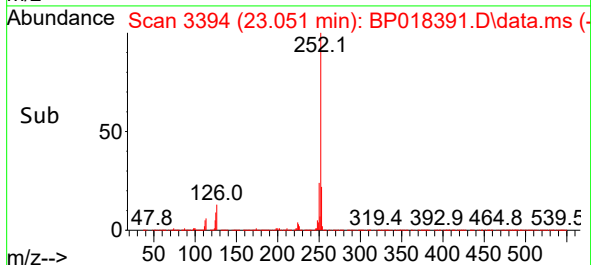
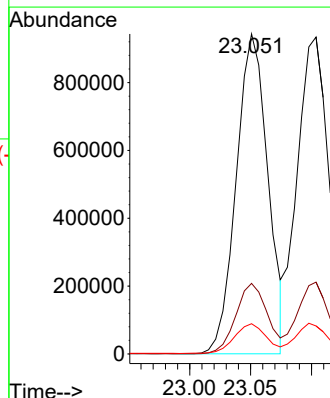
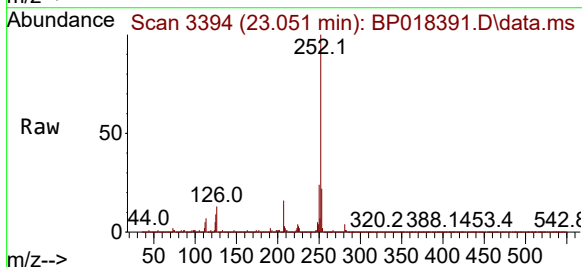
Tgt Ion:252 Resp: 1698669

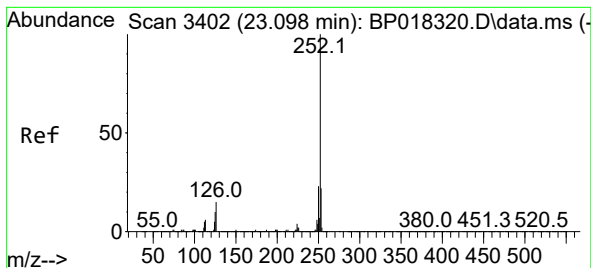
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.4 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 11.876 ng/ul

RT: 23.104 min Scan# 3402

Delta R.T. 0.018 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

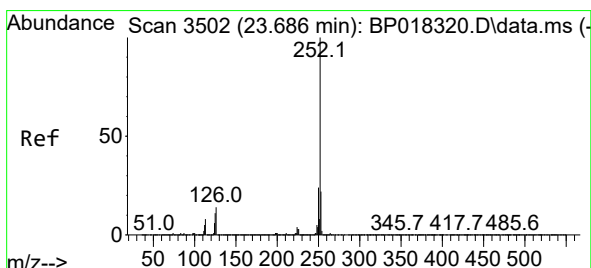
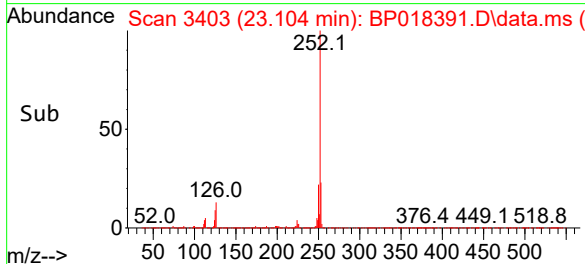
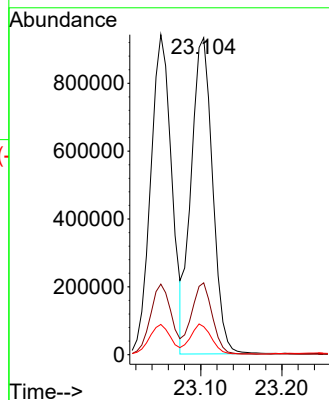
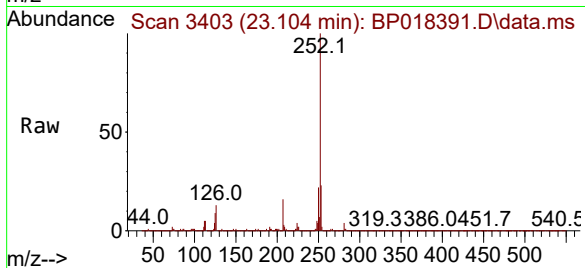
Tgt Ion:252 Resp: 1708823

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 8.8 8.0 12.0



#93

Benzo(a)pyrene

Concen: 11.805 ng/ul

RT: 23.692 min Scan# 3503

Delta R.T. 0.018 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

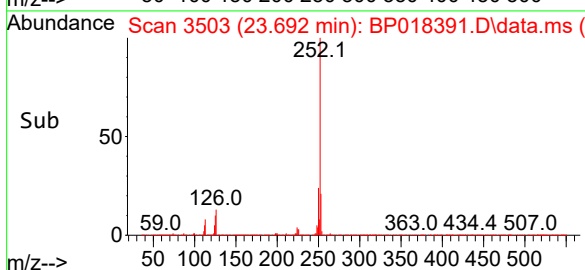
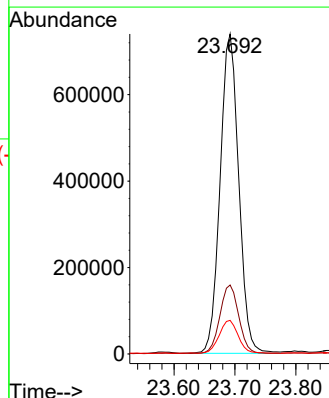
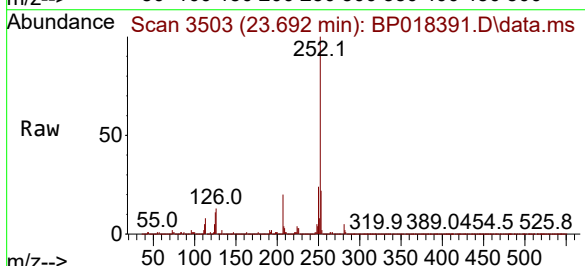
Tgt Ion:252 Resp: 1569161

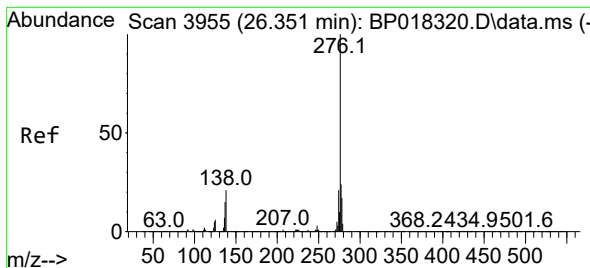
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.5 8.8 13.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 13.051 ng/ul

RT: 26.404 min Scan# 3964

Delta R.T. 0.059 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :

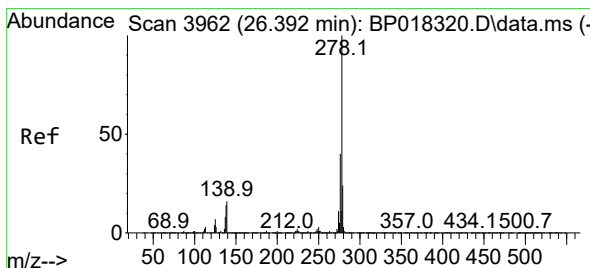
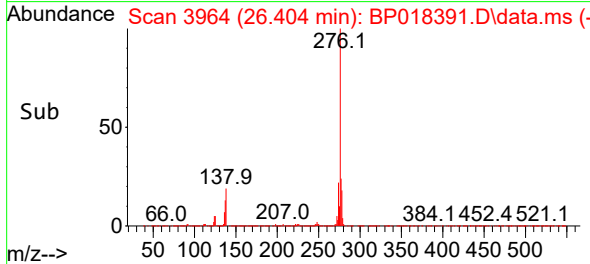
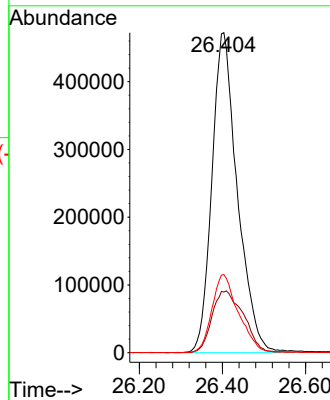
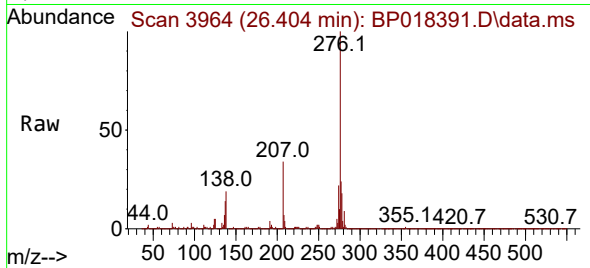
Tgt Ion:276 Resp: 2005995

Ion Ratio Lower Upper

276 100

138 19.0 17.5 26.3

277 24.4 19.1 28.7



#95

Dibenzo(a,h)anthracene

Concen: 13.117 ng/ul

RT: 26.445 min Scan# 3971

Delta R.T. 0.065 min

Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

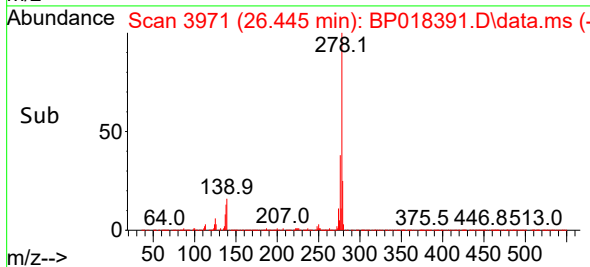
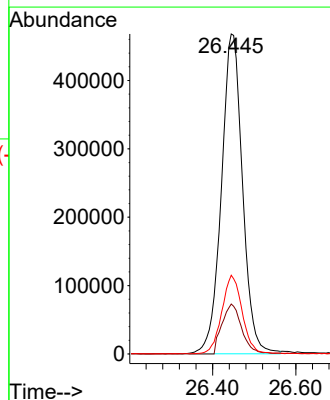
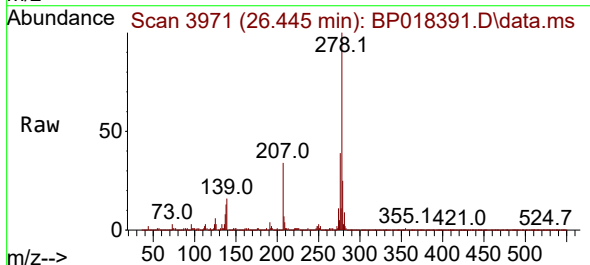
Tgt Ion:278 Resp: 1650536

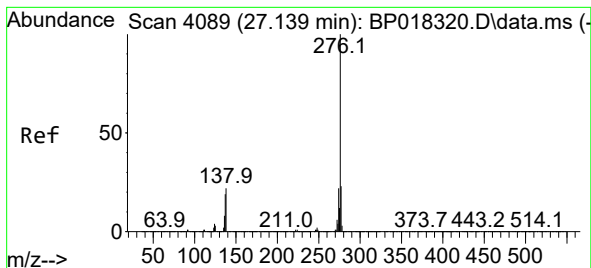
Ion Ratio Lower Upper

278 100

139 15.6 13.3 19.9

279 24.6 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 11.641 ng/ul

RT: 27.198 min Scan# 4099

Delta R.T. 0.071 min

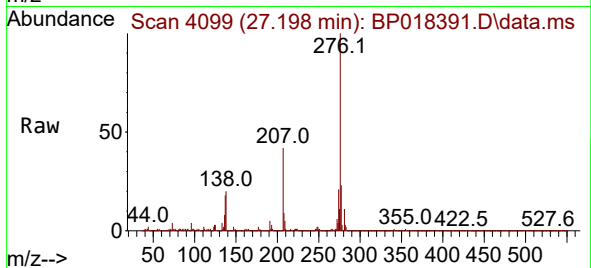
Lab File: BP018391.D

Acq: 26 Nov 2023 04:53

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 1449034

Ion Ratio Lower Upper

276 100

138 20.2 17.7 26.5

277 23.3 18.6 28.0

