

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018031.D
 Acq On : 10 Nov 2023 18:19
 Operator : MA/JU
 Sample : SSTD04055
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040620

Quant Time: Nov 10 21:24:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:21:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	63780	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	274812	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	182431	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	407780	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	374186	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	402726	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	29222	16.162	ng/uL	0.00
4) Pyridine-d5	3.664	84	202821	43.024	ng/u1	0.00
7) Phenol-d5	7.016	99	260446	42.297	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	156118	43.143	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	205640	42.173	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	214821	42.575	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	105673	42.681	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	122945	44.152	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	215495	43.105	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	296267	43.214	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	690660	41.031	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	759285	41.415	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	114710	45.605	ng/u1	0.00
60) Fluorene-d10	15.528	176	573141	41.242	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	126611	42.949	ng/u1	0.00
73) Anthracene-d10	17.410	188	906754	41.114	ng/u1	0.00
81) Pyrene-d10	19.663	212	1057368	42.305	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	990721	42.307	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	32017	16.228	ng/uL	96
5) Pyridine	3.681	79	206120	42.365	ng/u1	97
6) Benzaldehyde	7.016	77	153240	46.983	ng/u1	97
8) Phenol	7.046	94	256736	42.266	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.299	93	201178	42.691	ng/u1	98
12) 2-Chlorophenol	7.405	128	204212	41.712	ng/u1	99
13) 2-Methylphenol	8.305	108	194624	42.405	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.363	45	135499	25.180	ng/u1	98
16) Acetophenone	8.710	105	340045	42.398	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	182600	41.701	ng/u1	98
18) 4-Methylphenol	8.640	108	213524	42.660	ng/u1	96
19) Hexachloroethane	8.905	117	95926	40.952	ng/u1	93
22) Nitrobenzene	9.099	77	280954	42.025	ng/u1	95
23) Isophorone	9.610	82	511729	41.948	ng/u1	99
25) 2-Nitrophenol	9.805	139	125527	43.549	ng/u1	96
26) 2,4-Dimethylphenol	9.846	107	260818	42.538	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.099	93	277598	41.730	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	204949	42.931	ng/u1	97
30) Naphthalene	10.722	128	685731	41.031	ng/u1	99
32) 4-Chloroaniline	10.875	127	281195	42.820	ng/u1	100
33) Hexachlorobutadiene	10.940	225	142430	40.640	ng/u1	98
34) Caprolactam	11.710	113	28677	17.855	ng/u1	94
35) 4-Chloro-3-methylphenol	11.987	107	247437	43.571	ng/u1	95
36) 2-Methylnaphthalene	12.340	142	477830	41.646	ng/u1	99

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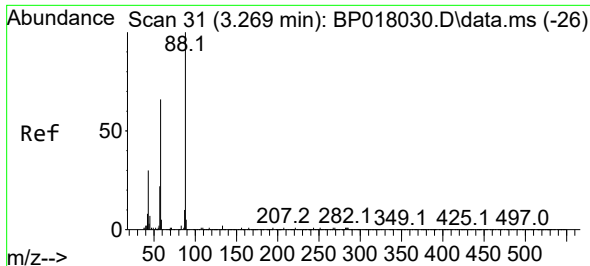
Quant Time: Nov 10 21:24:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	481833	40.866	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.693	216	254138	41.237	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	127694	42.926	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	173477	42.910	ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	183901	43.889	ng/ul	97
43) 1,1'-Biphenyl	13.357	154	633595	40.844	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	504631	40.974	ng/ul	100
45) 2-Nitroaniline	13.657	65	178718	44.968	ng/ul	99
47) Dimethylphthalate	13.998	163	675621	40.917	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	140055	42.674	ng/ul	98
50) Acenaphthylene	14.257	152	854457	41.280	ng/ul	99
51) 3-Nitroaniline	14.493	138	138208	45.382	ng/ul	98
52) Acenaphthene	14.592	153	561976	40.944	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	76865	43.253	ng/ul	95
55) 4-Nitrophenol	14.798	109	149658	44.824	ng/ul	96
56) Dibenzofuran	14.934	168	770092	40.942	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	212573	43.352	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	159664	42.183	ng/ul	97
59) Diethylphthalate	15.357	149	702658	40.732	ng/ul	99
61) Fluorene	15.587	166	650398	40.729	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	320408	40.944	ng/ul	97
63) 4-Nitroaniline	15.669	138	132056	46.331	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.698	198	130777	42.752	ng/ul	95
67) N-Nitrosodiphenylamine	15.810	169	541370	41.397	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	189130	41.151	ng/ul	93
69) Hexachlorobenzene	16.563	284	211512	41.243	ng/ul	97
70) Atrazine	16.769	200	199488	43.729	ng/ul	100
71) Pentachlorophenol	16.939	266	133539	43.133	ng/ul	97
72) Phenanthrene	17.351	178	1041103	41.582	ng/ul	99
74) Anthracene	17.445	178	1064462	41.661	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	256246	41.150	ng/ul	99
76) Pentachlorobenzene	14.822	250	250084	41.024	ng/ul	97
77) Carbazole	17.739	167	951904	42.902	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1182948	42.019	ng/ul	99
80) Fluoranthene	19.333	202	1234281	42.285	ng/ul	99
82) Pyrene	19.692	202	1286870	42.072	ng/ul	99
83) Butylbenzylphthalate	20.557	149	553903	43.061	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	390083	43.634	ng/ul	95
85) Benzo(a)anthracene	21.416	228	1253635	41.491	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	754194	42.525	ng/ul	100
87) Chrysene	21.474	228	1166968	41.283	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	1287343	42.743	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	1211416	42.267	ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	1193838	41.401	ng/ul	99
93) Benzo(a)pyrene	23.827	252	1142190	42.200	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.604	276	1361121	41.929	ng/ul	99
95) Dibenzo(a,h)anthracene	26.627	278	1125696	42.114	ng/ul	100
96) Benzo(g,h,i)perylene	27.439	276	1086815	41.857	ng/ul	97

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

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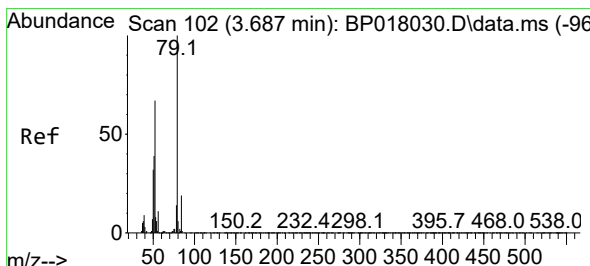
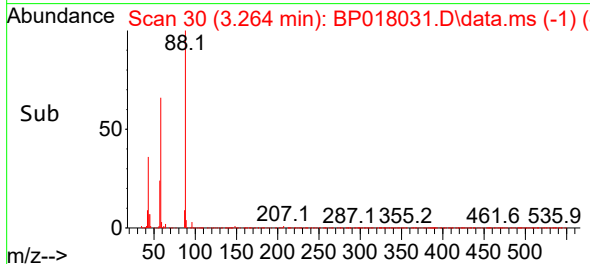
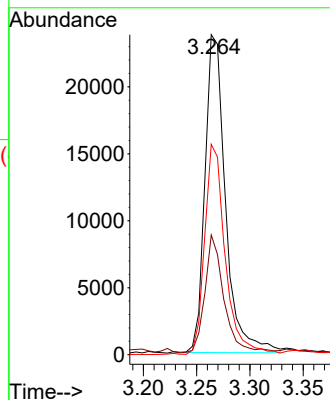
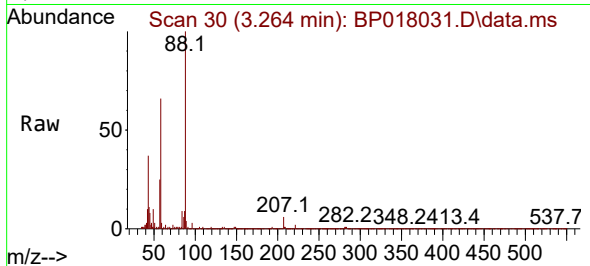




#2
1,4-Dioxane
Concen: 16.228 ng/uL
RT: 3.264 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP018031.D
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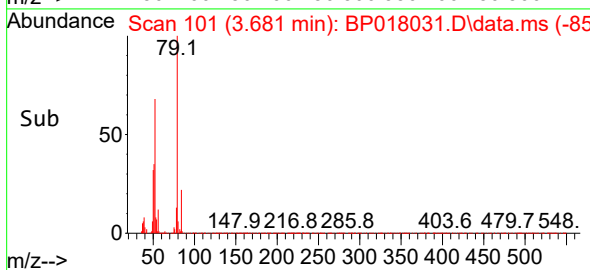
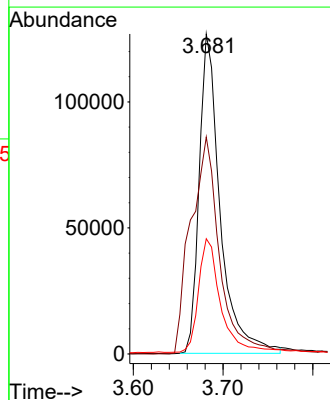
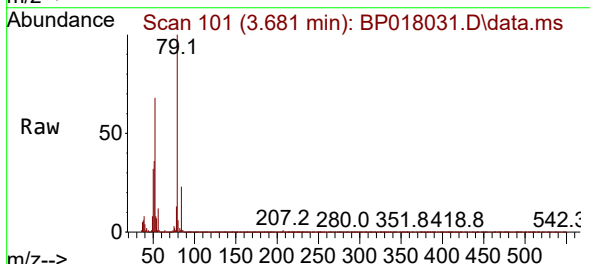
Instrument :
BNA_P
ClientSampleId :
SSTD040620

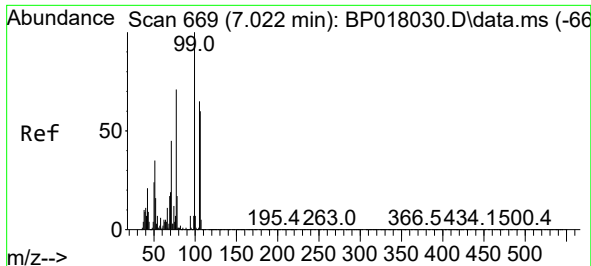
Tgt Ion:	88	Resp:	32017
Ion	Ratio	Lower	Upper
88	100		
43	37.4	25.4	38.2
58	65.8	53.3	79.9



#5
Pyridine
Concen: 42.365 ng/uL
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:	79	Resp:	206120
Ion	Ratio	Lower	Upper
79	100		
52	67.8	53.9	80.9
51	36.0	32.2	48.2

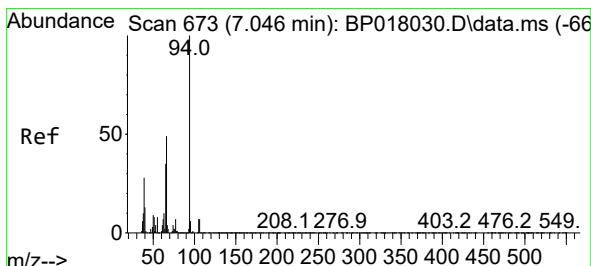
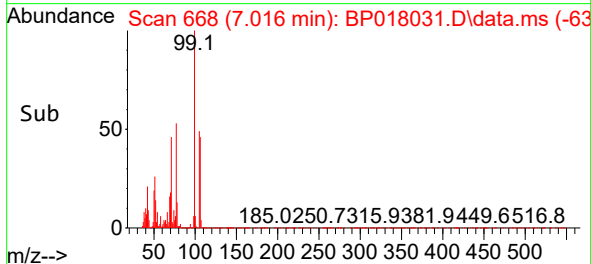
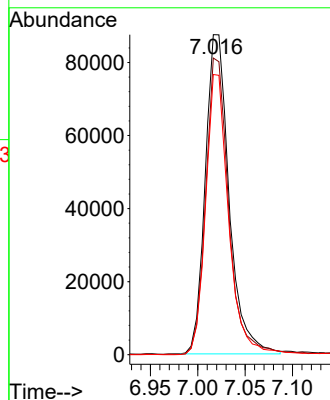
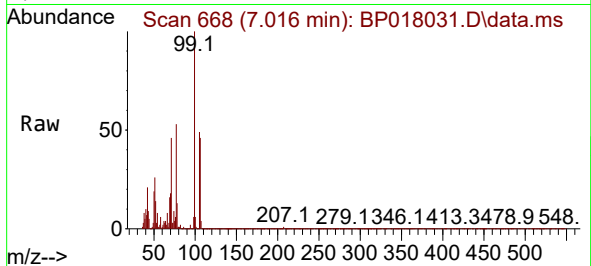




#6
Benzaldehyde
Concen: 46.983 ng/ul
RT: 7.016 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

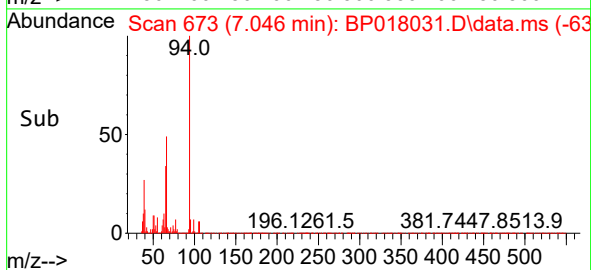
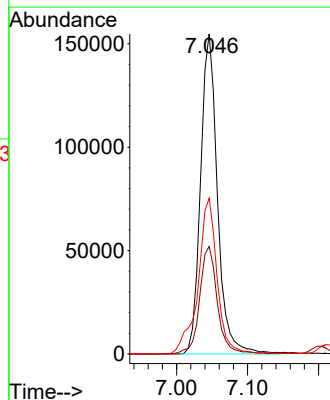
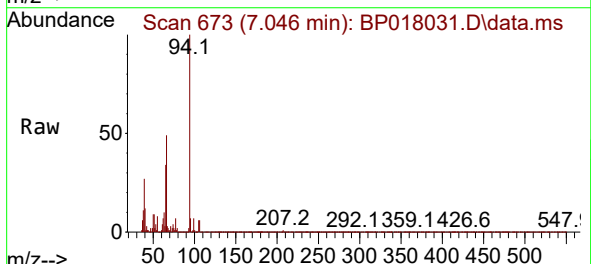
Instrument :
BNA_P
ClientSampleId :
SSTD040620

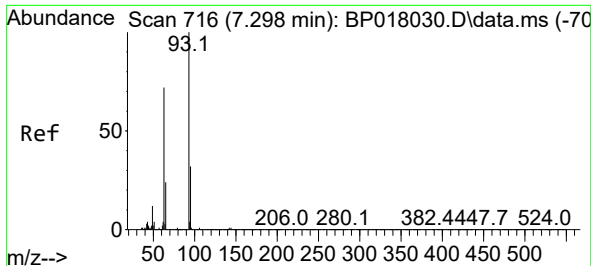
Tgt Ion: 77 Resp: 153240
Ion Ratio Lower Upper
77 100
105 92.7 72.7 109.1
106 87.5 67.5 101.3



#8
Phenol
Concen: 42.266 ng/ul
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion: 94 Resp: 256736
Ion Ratio Lower Upper
94 100
65 33.6 28.2 42.2
66 48.7 40.3 60.5





#10

Bis(2-Chloroethyl)ether

Concen: 42.691 ng/ul

RT: 7.299 min Scan# 716

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

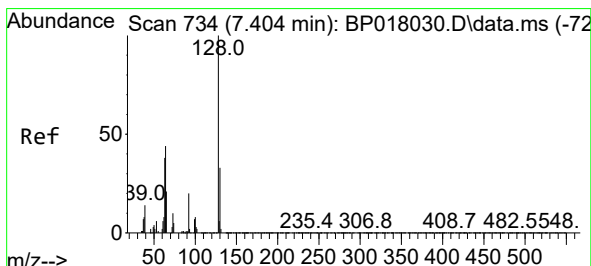
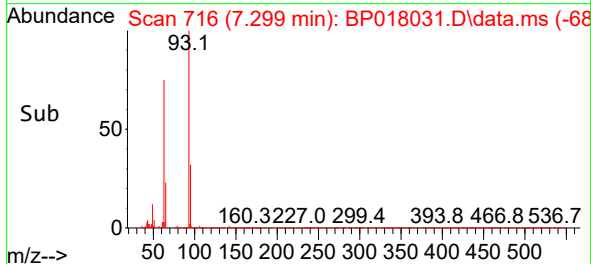
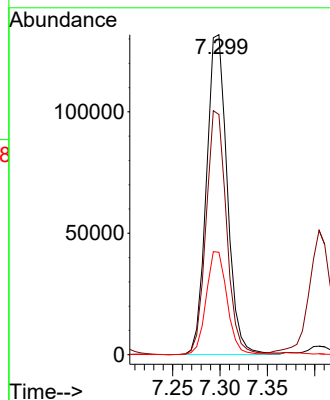
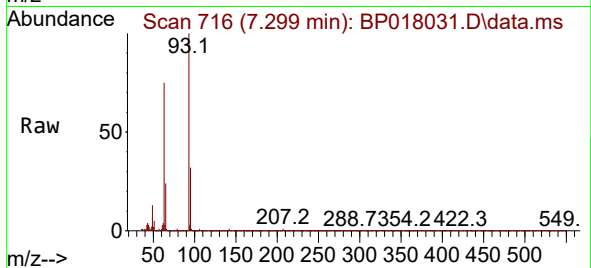
Tgt Ion: 93 Resp: 201178

Ion Ratio Lower Upper

93 100

63 75.1 57.8 86.6

95 32.0 25.5 38.3



#12

2-Chlorophenol

Concen: 41.712 ng/ul

RT: 7.405 min Scan# 734

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

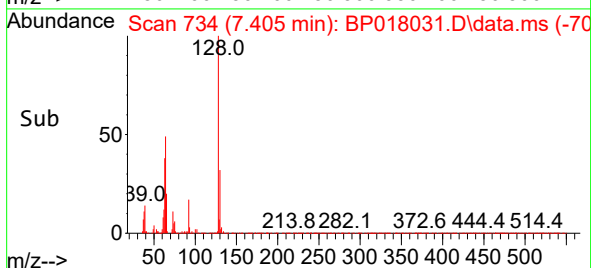
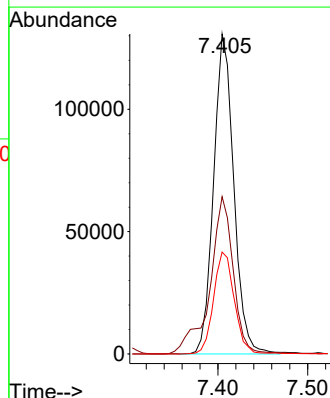
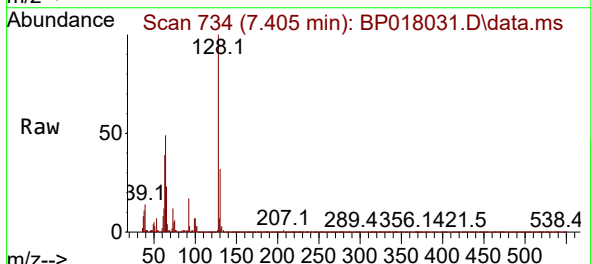
Tgt Ion:128 Resp: 204212

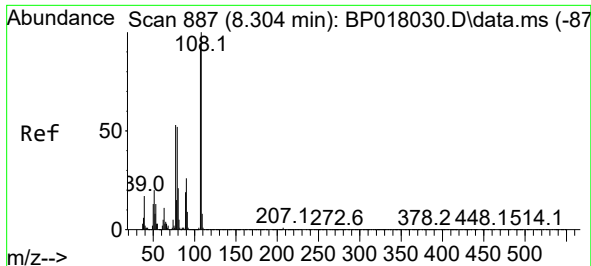
Ion Ratio Lower Upper

128 100

64 49.1 39.2 58.8

130 31.8 26.6 40.0





#13

2-Methylphenol

Concen: 42.405 ng/ul

RT: 8.305 min Scan# 887

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

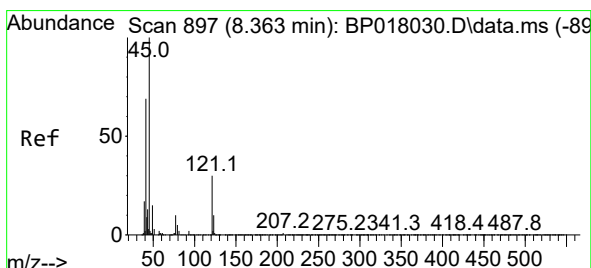
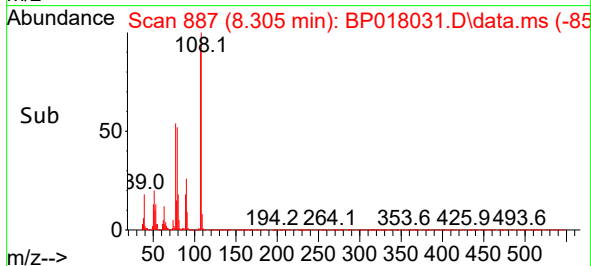
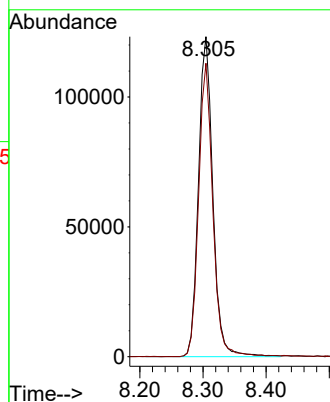
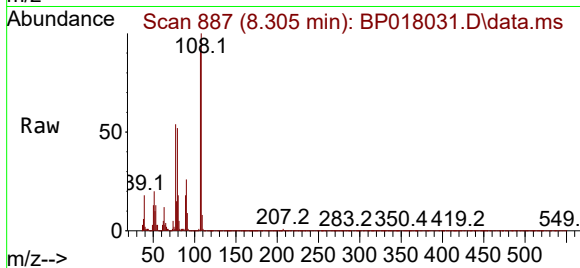
SSTD040620

Tgt Ion:108 Resp: 194624

Ion Ratio Lower Upper

108 100

107 91.7 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.180 ng/ul

RT: 8.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

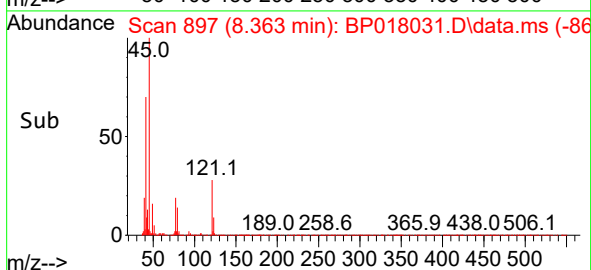
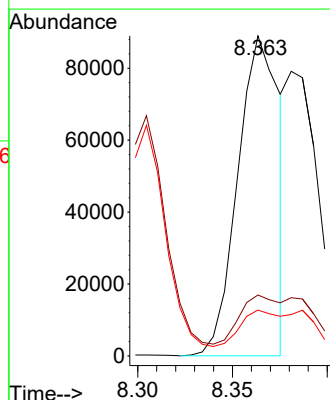
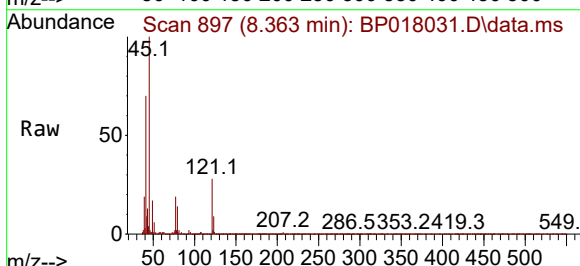
Tgt Ion: 45 Resp: 135499

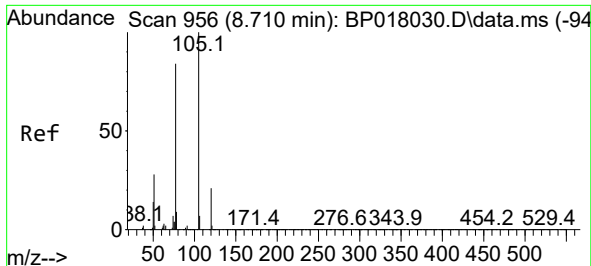
Ion Ratio Lower Upper

45 100

77 19.1 16.1 24.1

79 14.4 11.1 16.7

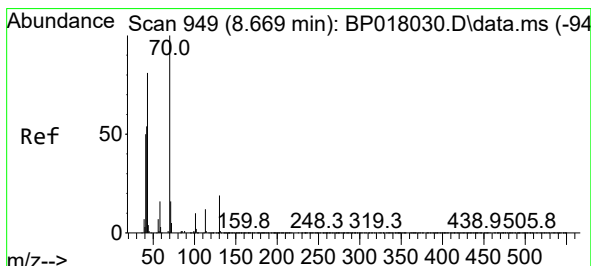
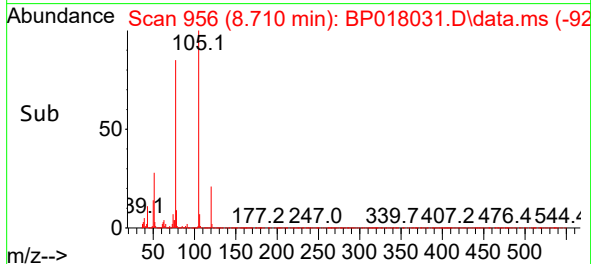
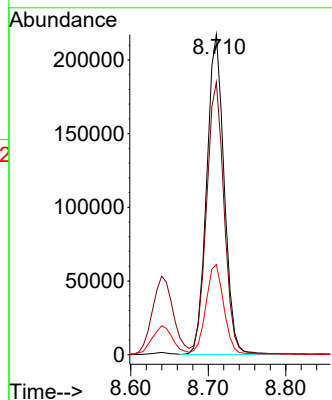
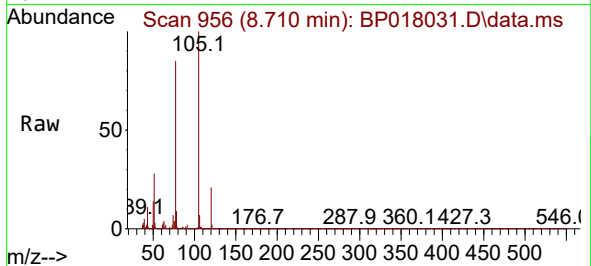




#16
Acetophenone
Concen: 42.398 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

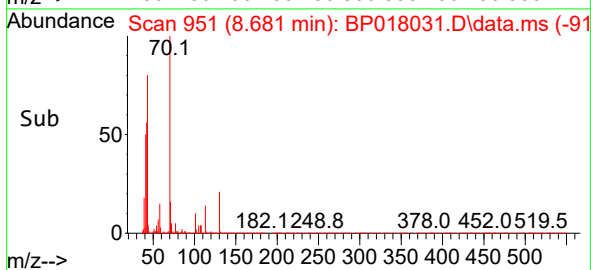
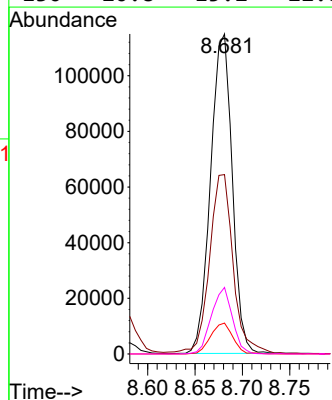
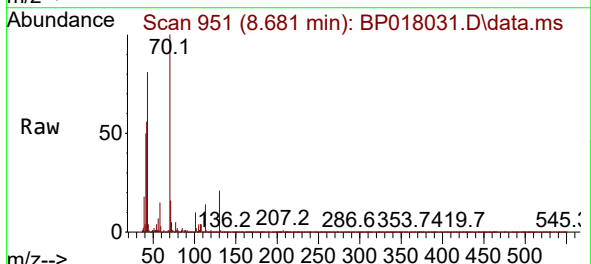
Instrument :
BNA_P
ClientSampleId :
SSTD040620

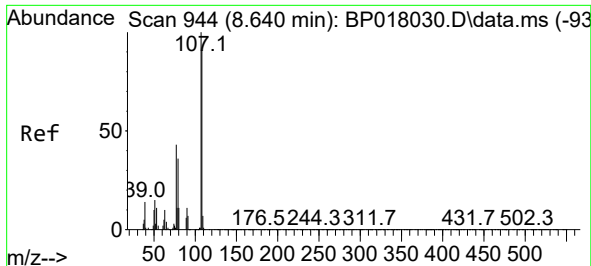
Tgt Ion:105 Resp: 340045
Ion Ratio Lower Upper
105 100
77 85.1 70.1 105.1
51 28.2 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 41.701 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. 0.012 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion: 70 Resp: 182600
Ion Ratio Lower Upper
70 100
42 56.0 43.7 65.5
101 9.6 8.2 12.4
130 20.8 15.2 22.8

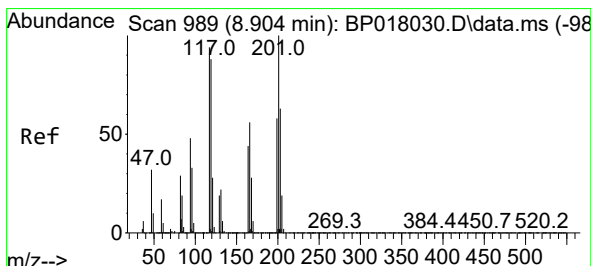
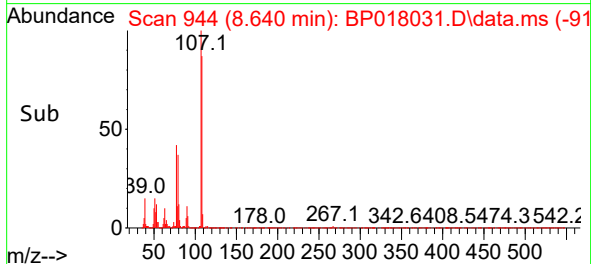
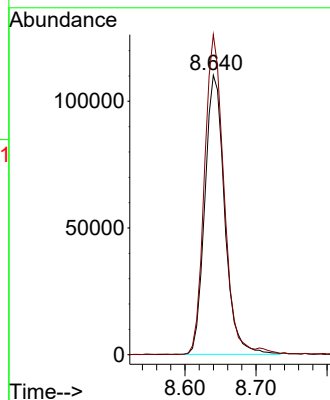
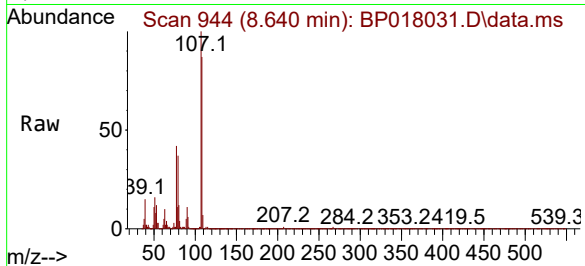




#18
4-Methylphenol
Concen: 42.660 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

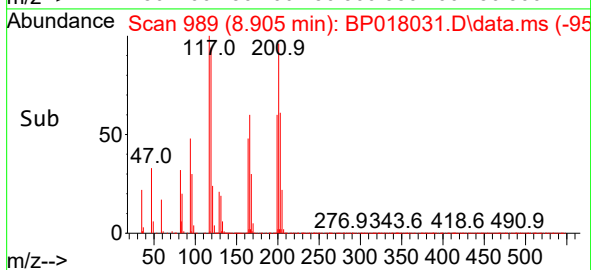
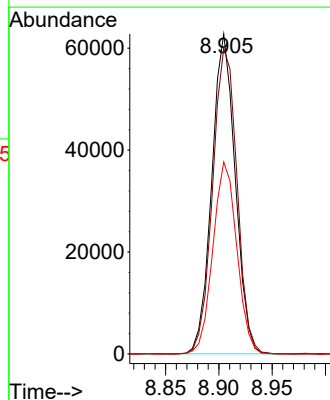
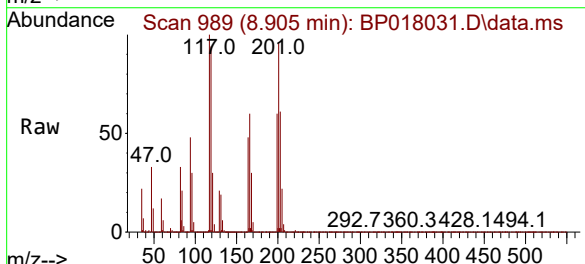
Instrument :
BNA_P
ClientSampleId :
SSTD040620

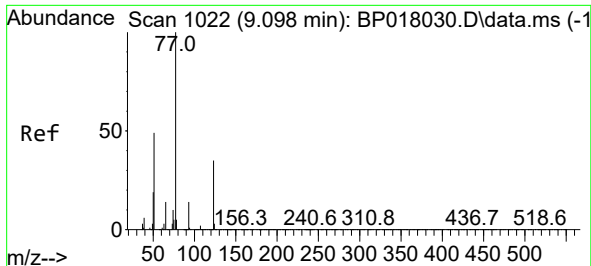
Tgt Ion:108 Resp: 213524
Ion Ratio Lower Upper
108 100
107 114.5 88.2 132.4



#19
Hexachloroethane
Concen: 40.952 ng/ul
RT: 8.905 min Scan# 989
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:117 Resp: 95926
Ion Ratio Lower Upper
117 100
201 95.6 84.8 127.2
199 60.0 49.0 73.4

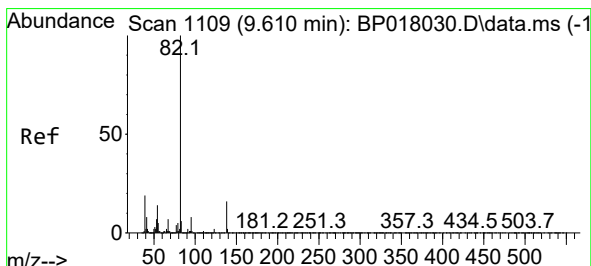
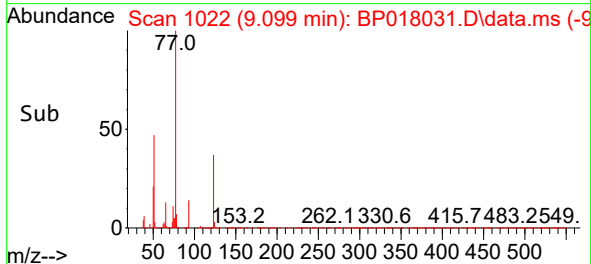
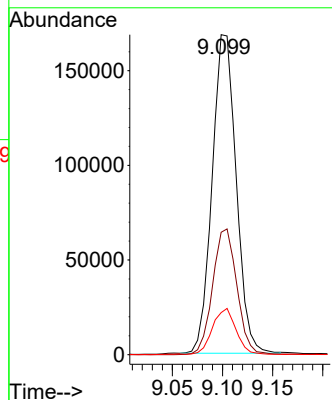
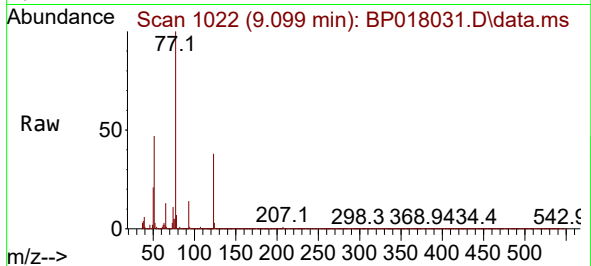




#22
Nitrobenzene
Concen: 42.025 ng/ul
RT: 9.099 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

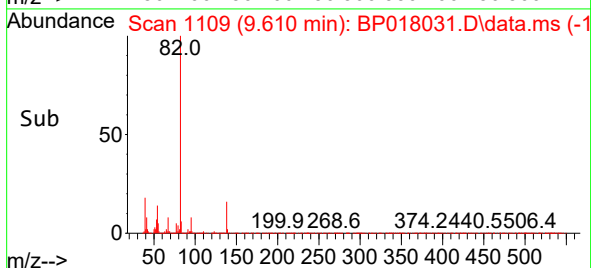
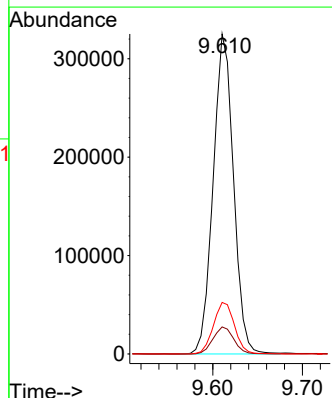
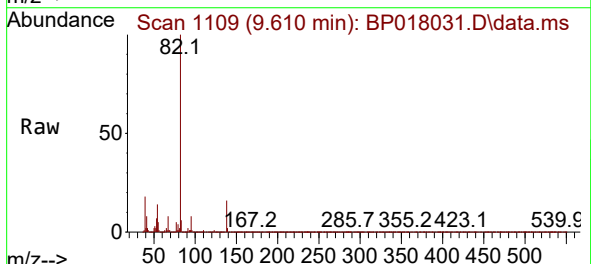
Instrument :
BNA_P
ClientSampleId :
SSTD040620

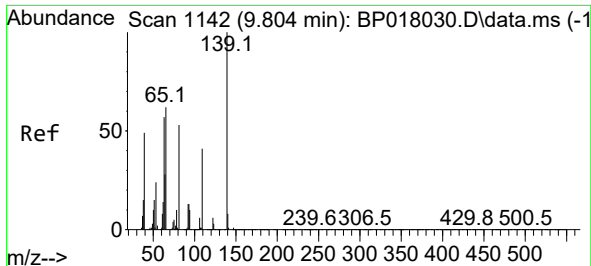
Tgt Ion: 77 Resp: 280954
Ion Ratio Lower Upper
77 100
123 38.3 27.8 41.8
65 13.1 11.5 17.3



#23
Isophorone
Concen: 41.948 ng/ul
RT: 9.610 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion: 82 Resp: 511729
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 16.1 13.1 19.7

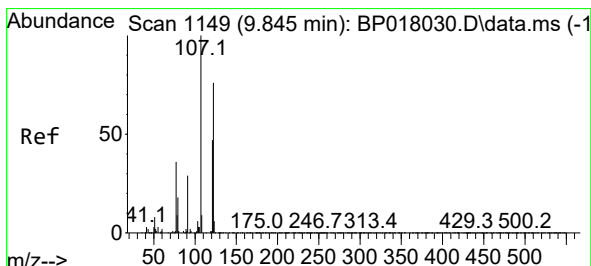
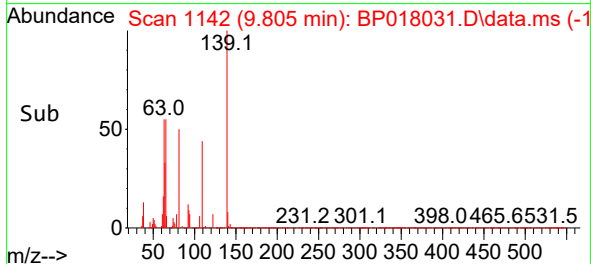
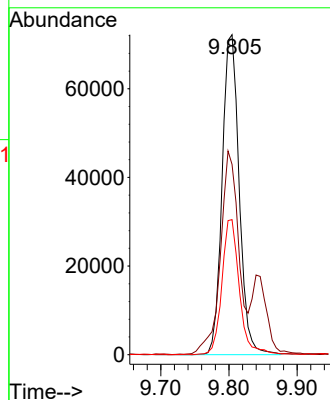
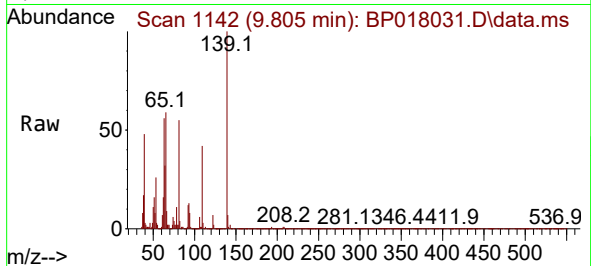




#25
2-Nitrophenol
Concen: 43.549 ng/ul
RT: 9.805 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

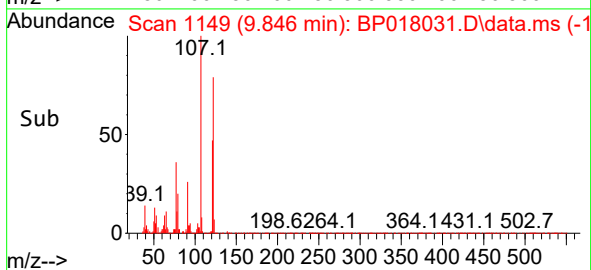
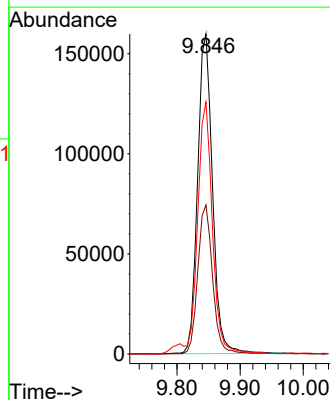
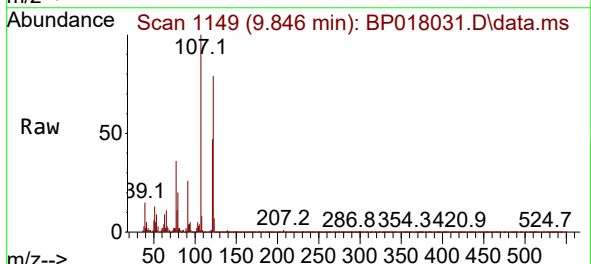
Instrument :
BNA_P
ClientSampleId :
SSTD040620

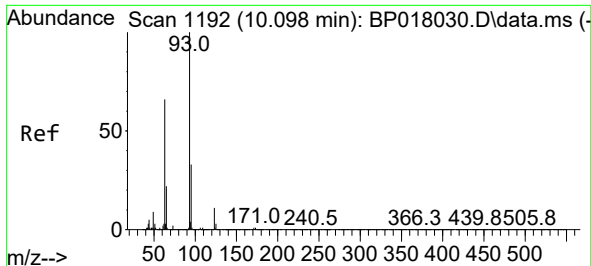
Tgt Ion:139 Resp: 125527
Ion Ratio Lower Upper
139 100
65 59.5 51.4 77.0
109 42.2 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 42.538 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:107 Resp: 260818
Ion Ratio Lower Upper
107 100
121 46.6 37.8 56.8
122 78.7 62.1 93.1

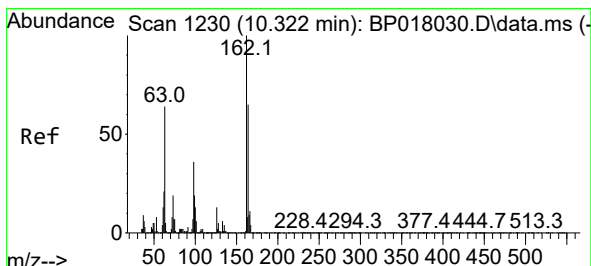
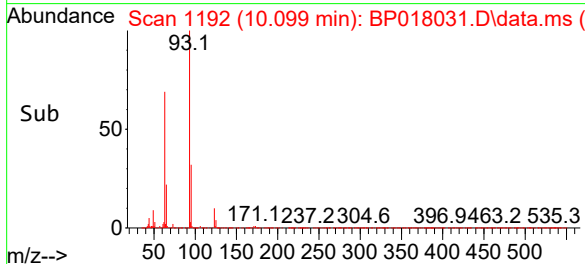
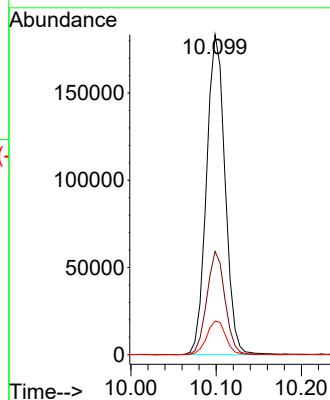
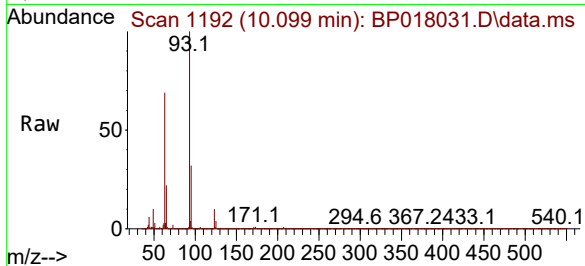




#27
 Bis(2-Chloroethoxy)methane
 Concen: 41.730 ng/ul
 RT: 10.099 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BP018031.D
 Acq: 10 Nov 2023 18:19

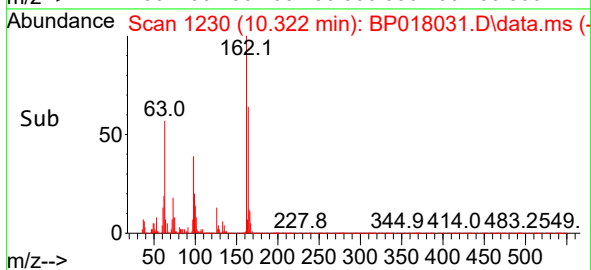
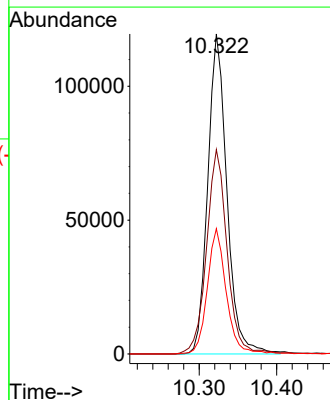
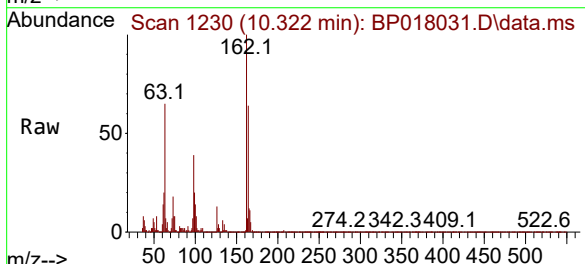
Instrument :
 BNA_P
 ClientSampleId :
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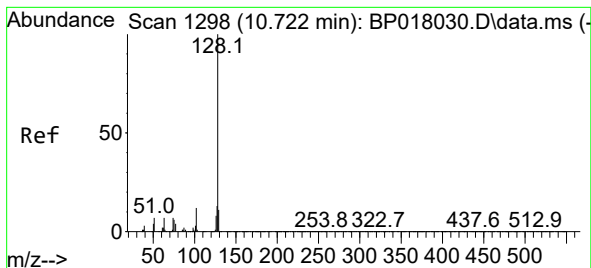
Tgt Ion: 93 Resp: 277598
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.2 39.2
 123 10.5 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 42.931 ng/ul
 RT: 10.322 min Scan# 1230
 Delta R.T. 0.000 min
 Lab File: BP018031.D
 Acq: 10 Nov 2023 18:19

Tgt Ion: 162 Resp: 204949
 Ion Ratio Lower Upper
 162 100
 164 63.9 51.8 77.6
 98 39.1 28.7 43.1

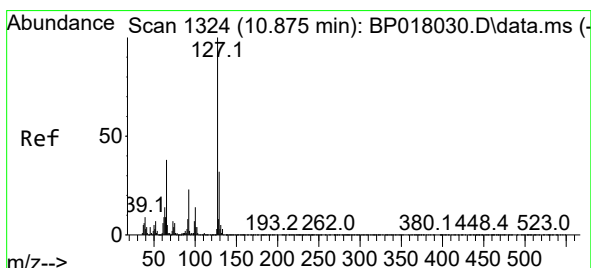
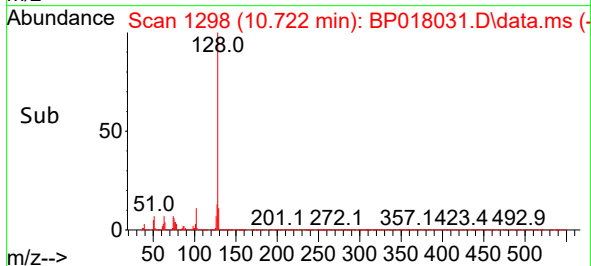
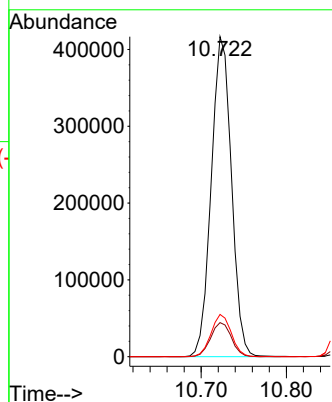
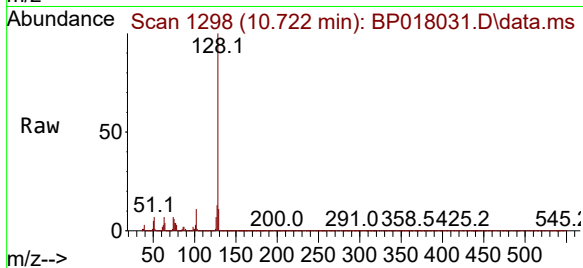




#30
Naphthalene
Concen: 41.031 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

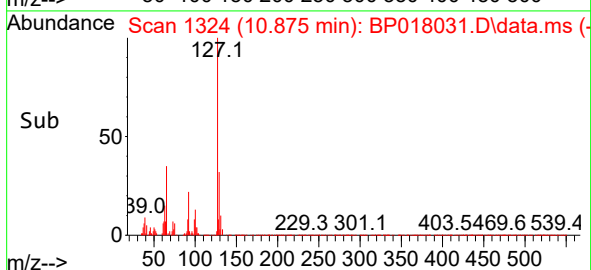
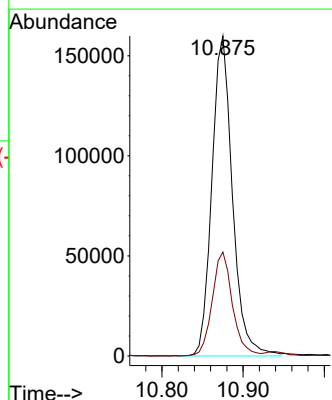
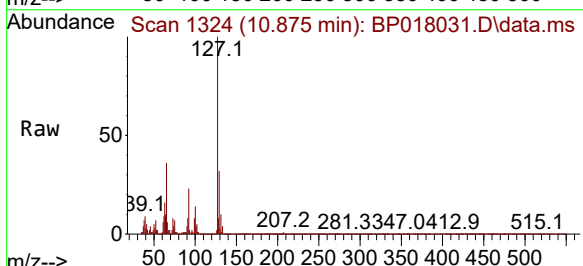
Instrument :
BNA_P
ClientSampleId :
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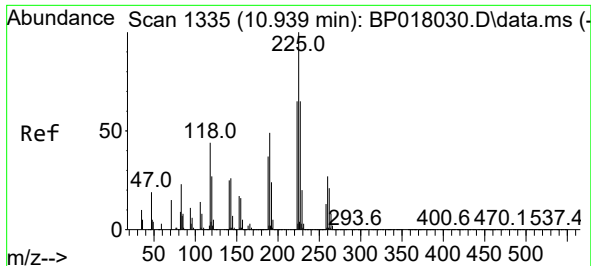
Tgt Ion:128 Resp: 685731
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 42.820 ng/ul
RT: 10.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:127 Resp: 281195
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1

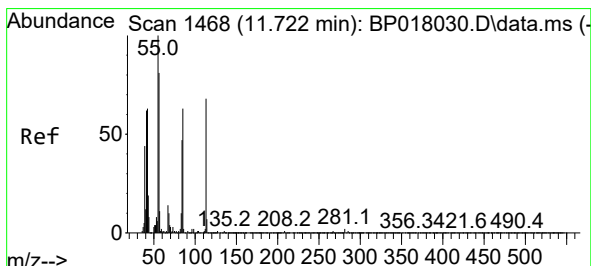
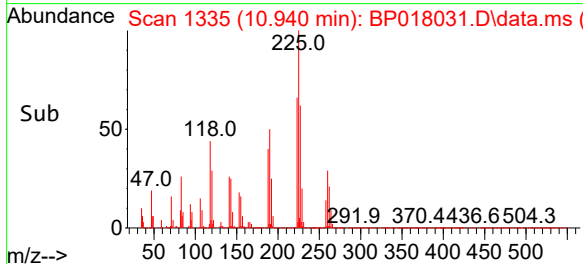
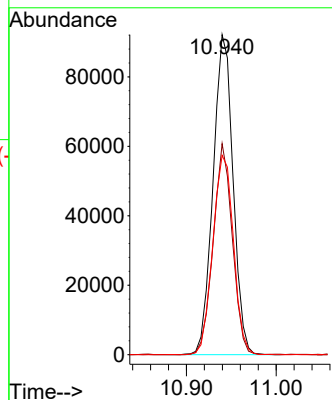
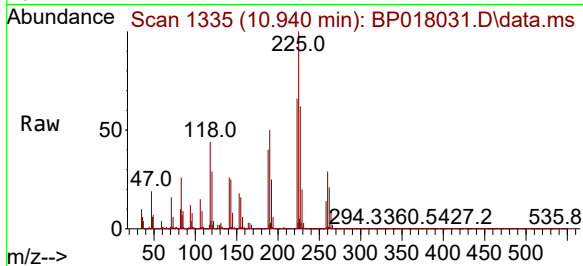




#33
Hexachlorobutadiene
Concen: 40.640 ng/ul
RT: 10.940 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

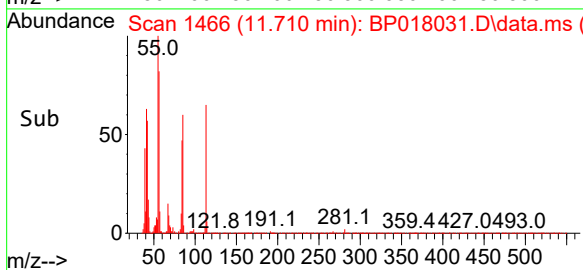
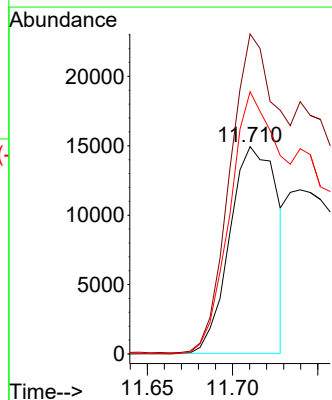
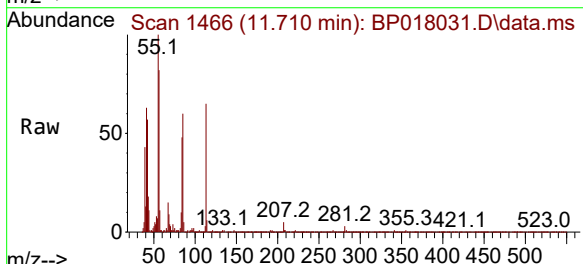
Instrument :
BNA_P
ClientSampleId :
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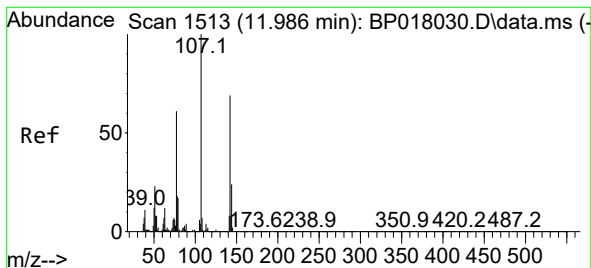
Tgt Ion:225 Resp: 142430
Ion Ratio Lower Upper
225 100
223 66.0 52.5 78.7
227 62.3 51.9 77.9



#34
Caprolactam
Concen: 17.855 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. -0.011 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:113 Resp: 28677
Ion Ratio Lower Upper
113 100
55 154.3 118.3 177.5
56 126.5 95.6 143.4

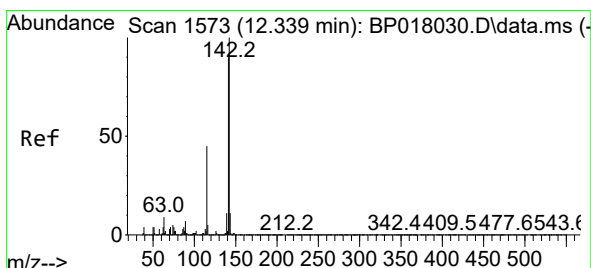
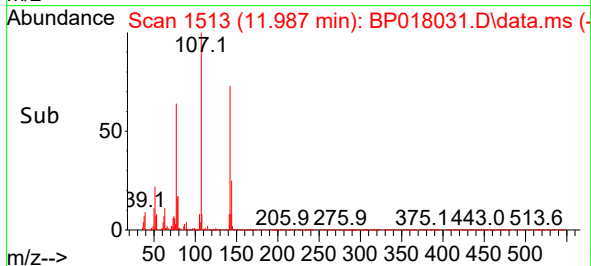
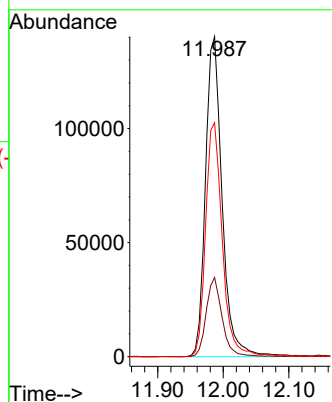
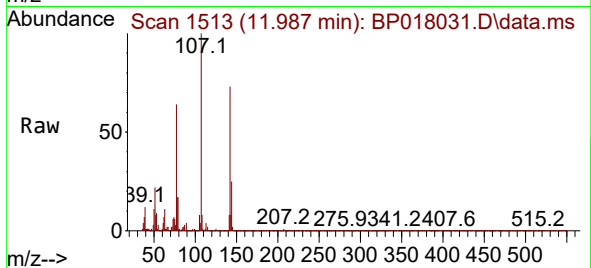




#35
4-Chloro-3-methylphenol
Concen: 43.571 ng/ul
RT: 11.987 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

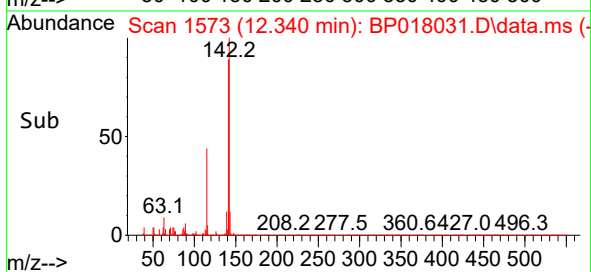
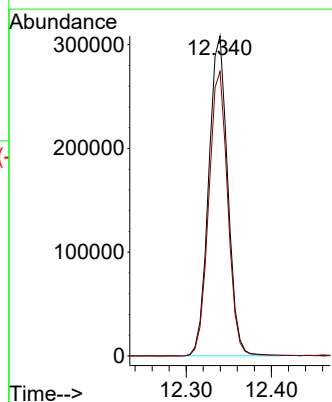
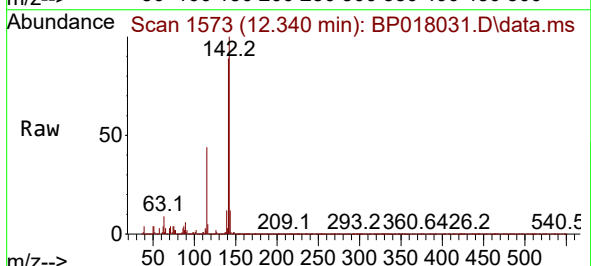
Instrument :
BNA_P
ClientSampleId :
SSTD040620

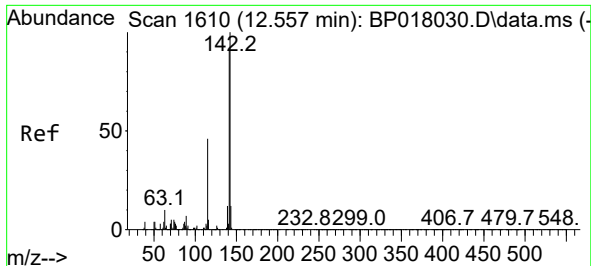
Tgt Ion:107 Resp: 247437
Ion Ratio Lower Upper
107 100
144 24.7 19.1 28.7
142 73.1 54.8 82.2



#36
2-Methylnaphthalene
Concen: 41.646 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:142 Resp: 477830
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5

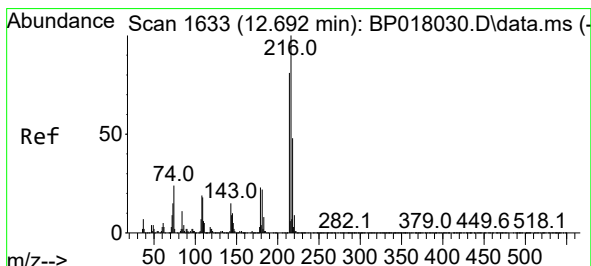
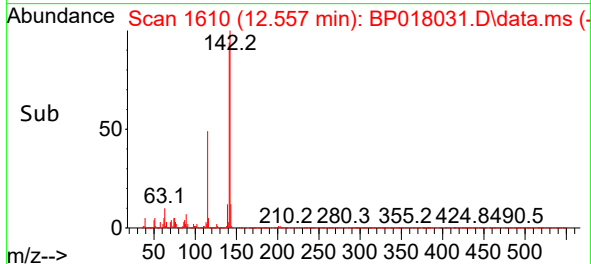
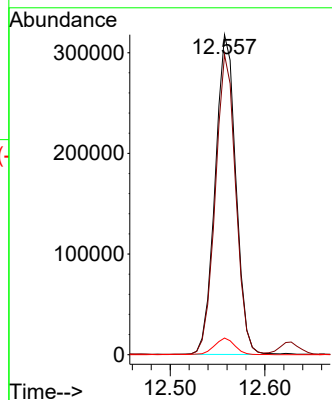
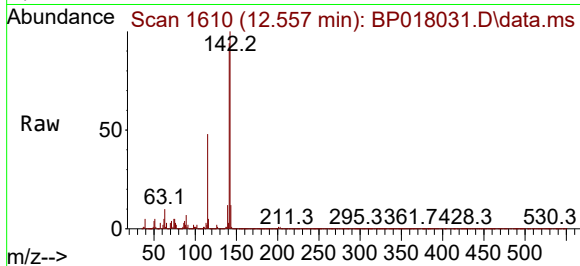




#37
1-Methylnaphthalene
Concen: 40.866 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

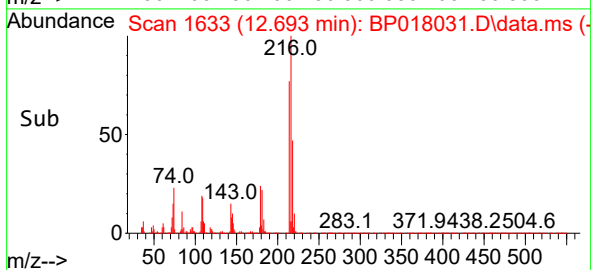
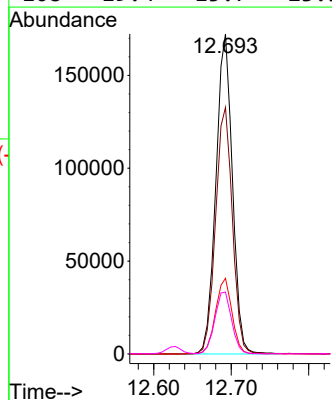
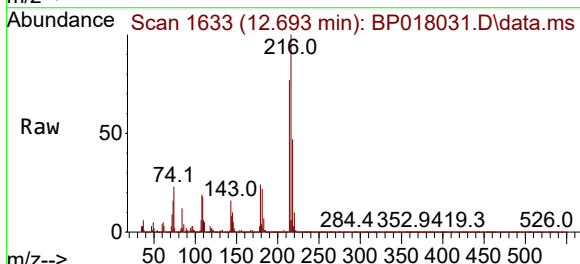
Instrument :
BNA_P
ClientSampleId :
SSTD040620

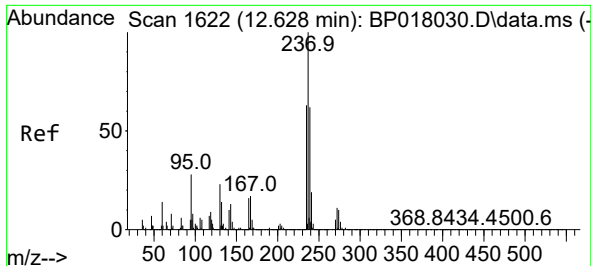
Tgt Ion:142 Resp: 481833
Ion Ratio Lower Upper
142 100
141 93.8 72.8 109.2
116 5.2 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.237 ng/ul
RT: 12.693 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:216 Resp: 254138
Ion Ratio Lower Upper
216 100
214 77.0 64.8 97.2
179 23.7 18.3 27.5
108 19.4 15.7 23.5

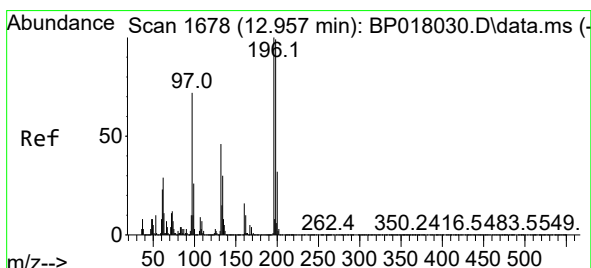
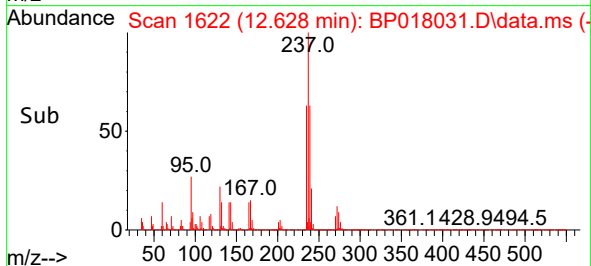
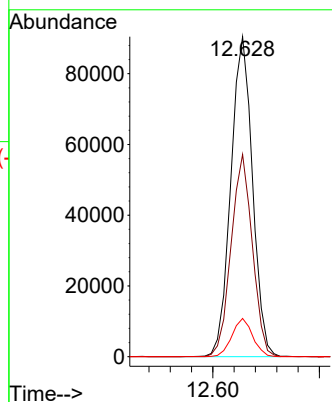
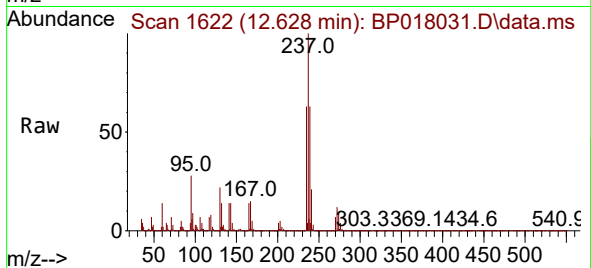




#40
Hexachlorocyclopentadiene
Concen: 42.926 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

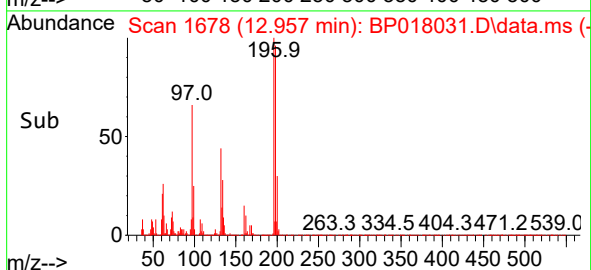
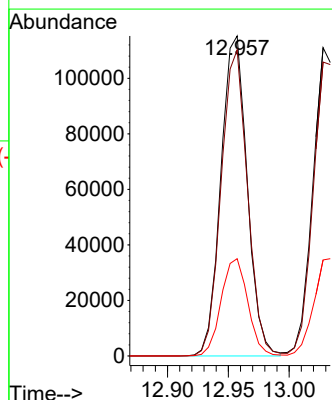
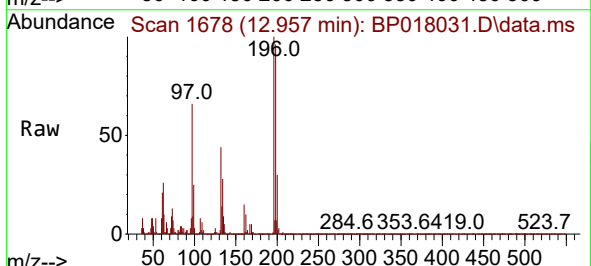
Instrument :
BNA_P
ClientSampleId :
SSTD040620

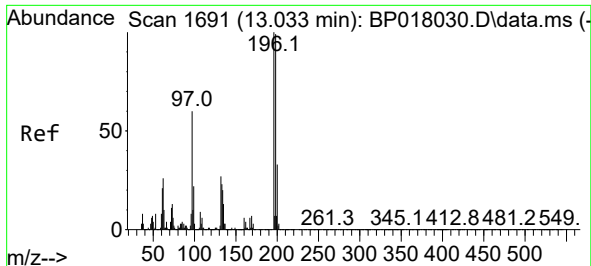
Tgt Ion:237 Resp: 127694
Ion Ratio Lower Upper
237 100
235 63.2 49.9 74.9
272 12.0 8.9 13.3



#41
2,4,6-Trichlorophenol
Concen: 42.910 ng/ul
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:196 Resp: 173477
Ion Ratio Lower Upper
196 100
198 95.6 78.9 118.3
200 30.4 25.8 38.8

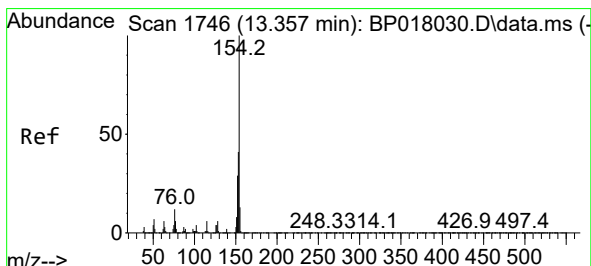
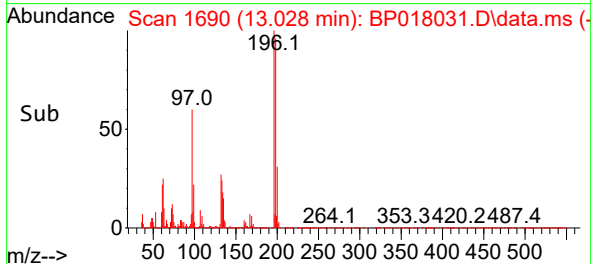
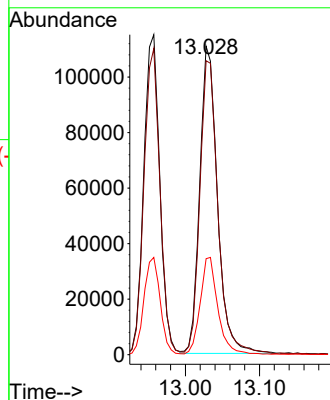
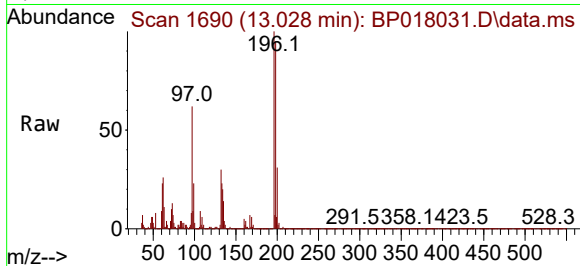




#42
2,4,5-Trichlorophenol
Concen: 43.889 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

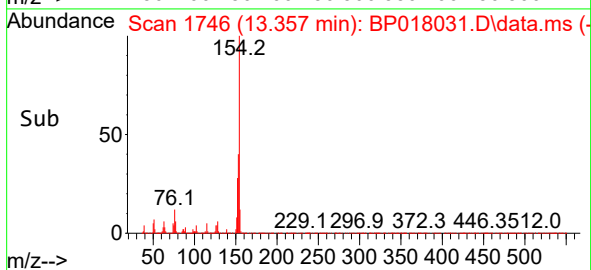
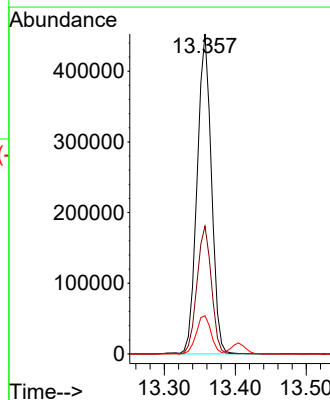
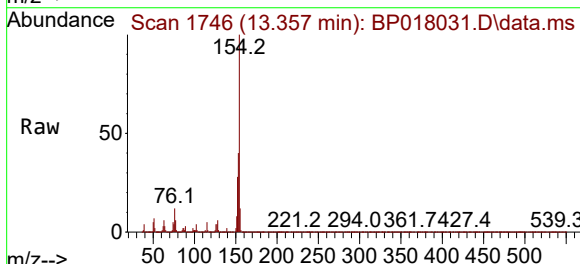
Instrument :
BNA_P
ClientSampleId :
SSTD040620

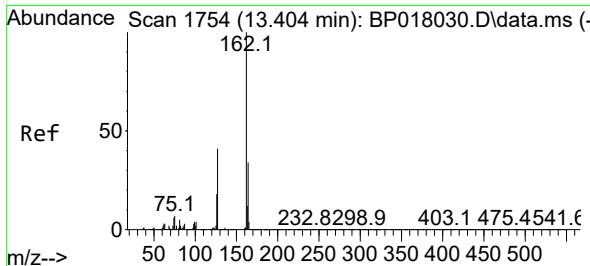
Tgt Ion:196 Resp: 183901
Ion Ratio Lower Upper
196 100
198 95.3 78.9 118.3
200 31.1 26.6 40.0



#43
1,1'-Biphenyl
Concen: 40.844 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:154 Resp: 633595
Ion Ratio Lower Upper
154 100
153 39.9 32.4 48.6
76 11.9 9.8 14.8

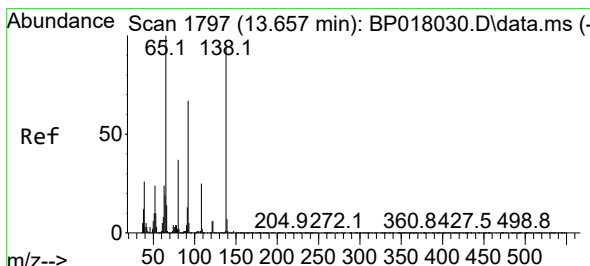
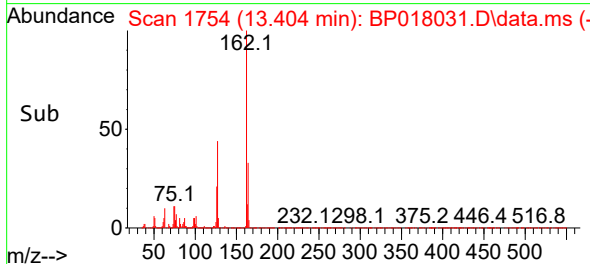
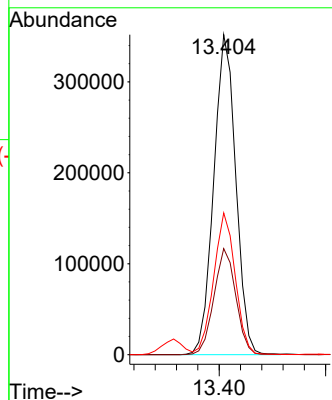
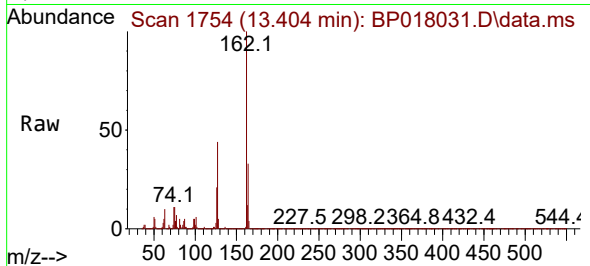




#44
2-Chloronaphthalene
Concen: 40.974 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

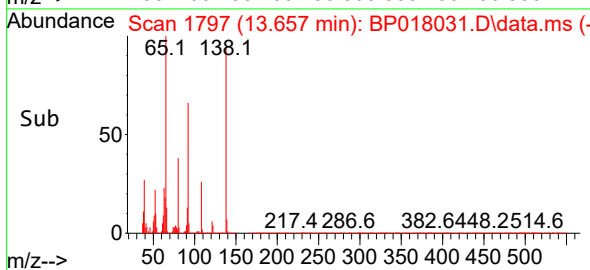
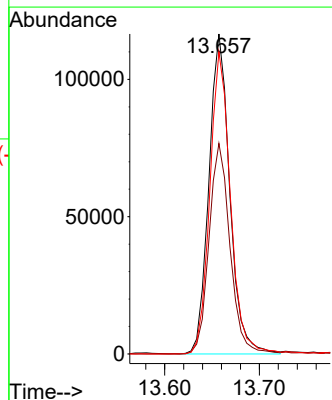
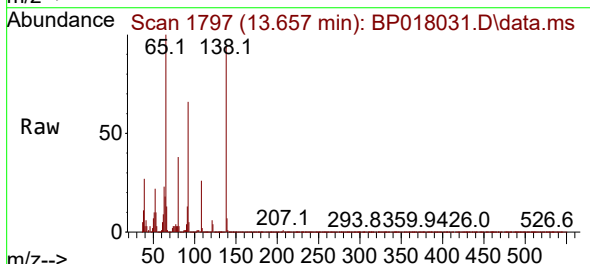
Instrument :
BNA_P
ClientSampleId :
SSTD040620

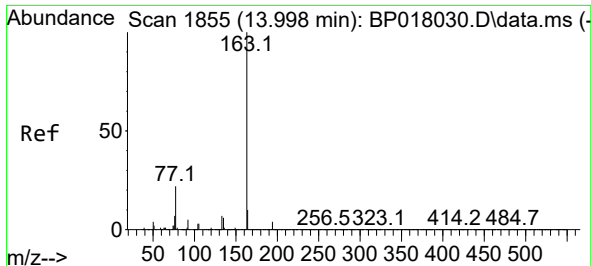
Tgt Ion:162 Resp: 504631
Ion Ratio Lower Upper
162 100
164 33.2 26.9 40.3
127 44.3 35.4 53.2



#45
2-Nitroaniline
Concen: 44.968 ng/ul
RT: 13.657 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion: 65 Resp: 178718
Ion Ratio Lower Upper
65 100
92 65.8 53.8 80.6
138 94.4 75.1 112.7

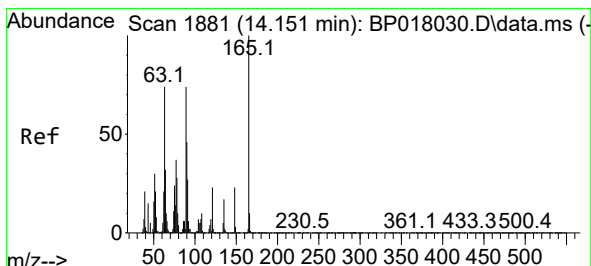
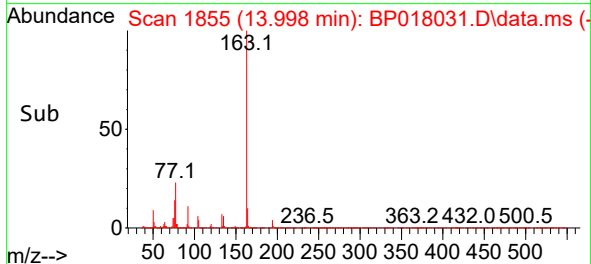
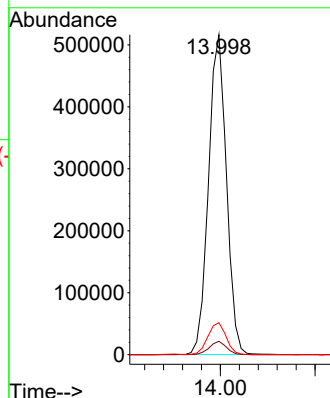
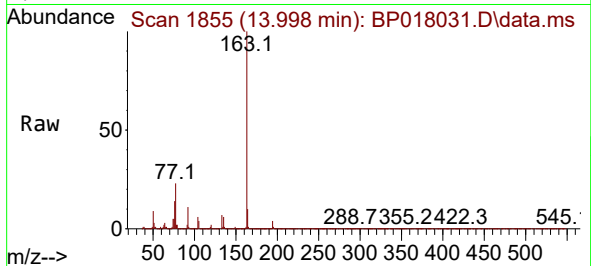




#47
Dimethylphthalate
Concen: 40.917 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

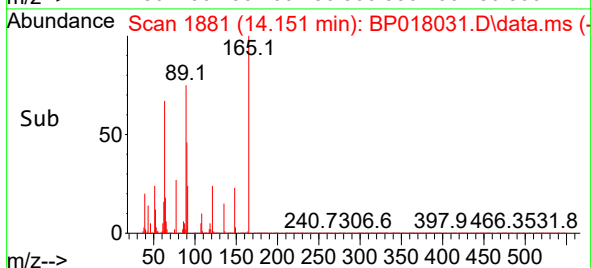
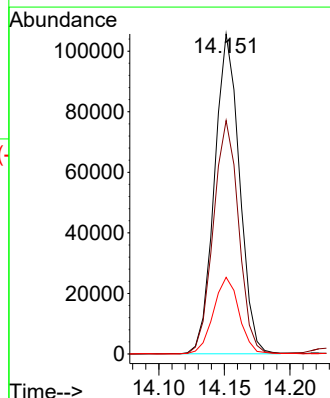
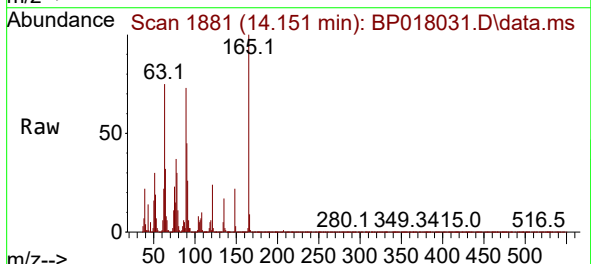
Instrument :
BNA_P
ClientSampleId :
SSTD040620

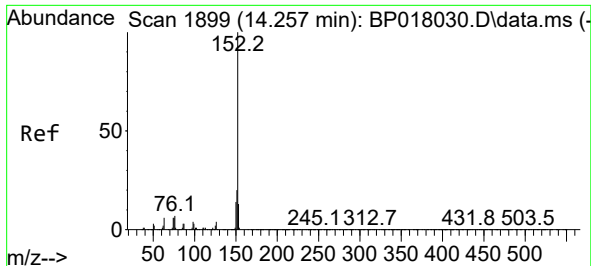
Tgt Ion:163 Resp: 675621
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 42.674 ng/ul
RT: 14.151 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:165 Resp: 140055
Ion Ratio Lower Upper
165 100
89 73.0 59.4 89.0
121 23.9 18.2 27.4

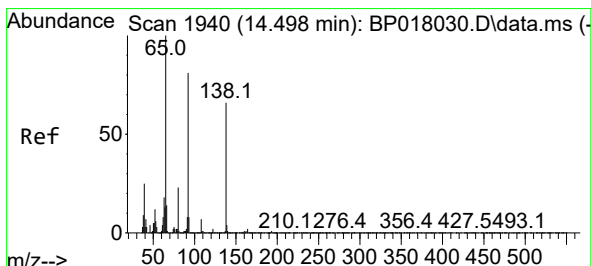
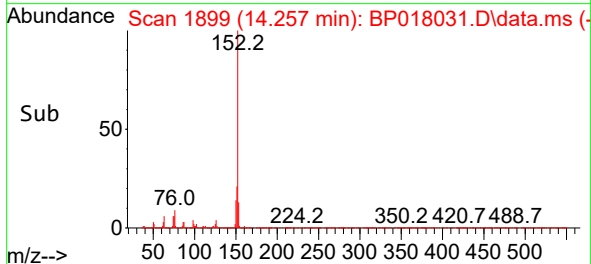
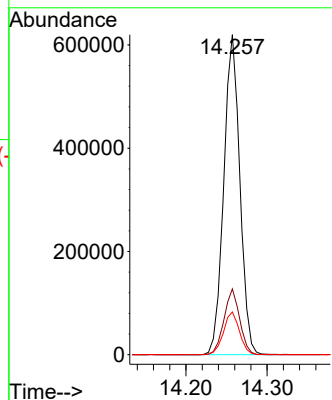
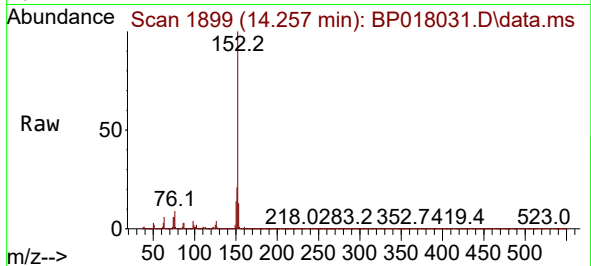




#50
Acenaphthylene
Concen: 41.280 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

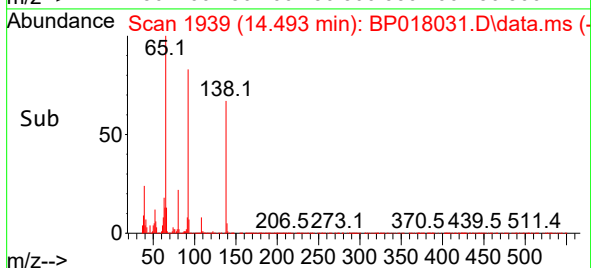
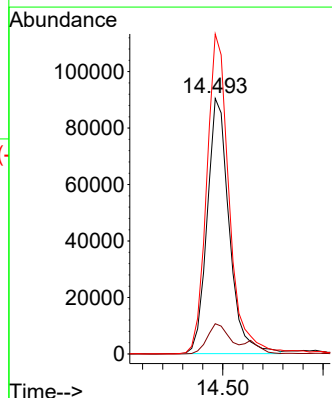
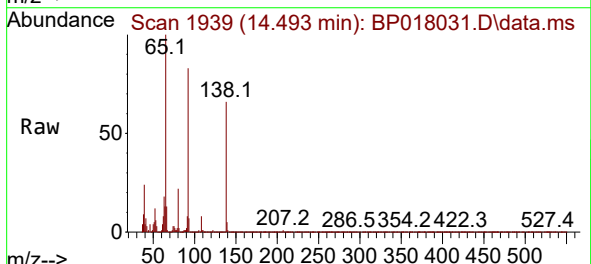
Instrument :
BNA_P
ClientSampleId :
SSTD040620

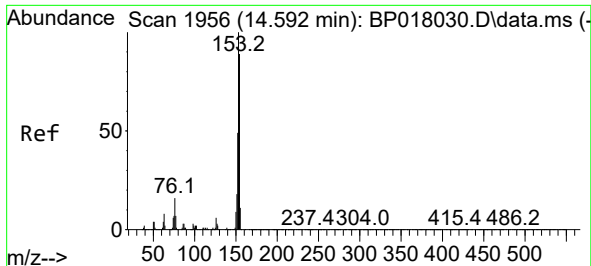
Tgt Ion:152 Resp: 854457
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.4 10.4 15.6



#51
3-Nitroaniline
Concen: 45.382 ng/ul
RT: 14.493 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:138 Resp: 138208
Ion Ratio Lower Upper
138 100
108 11.8 8.3 12.5
92 125.2 99.0 148.4

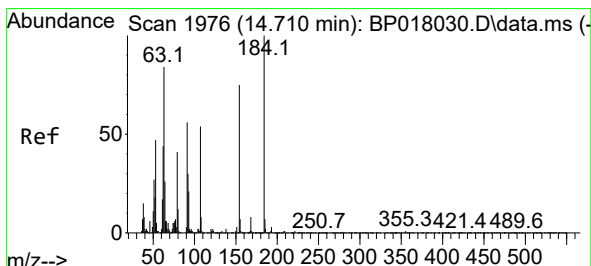
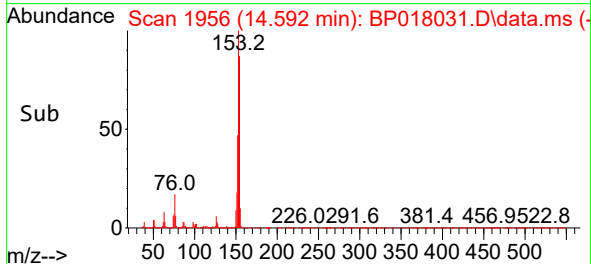
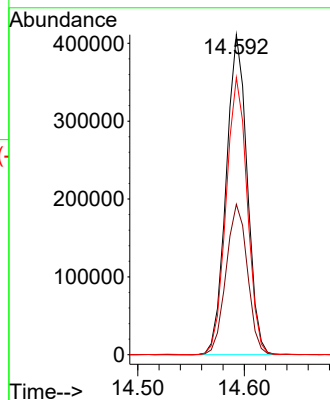
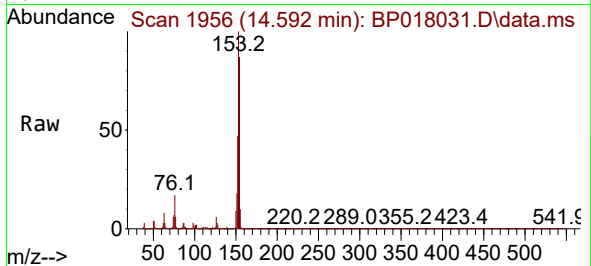




#52
Acenaphthene
Concen: 40.944 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

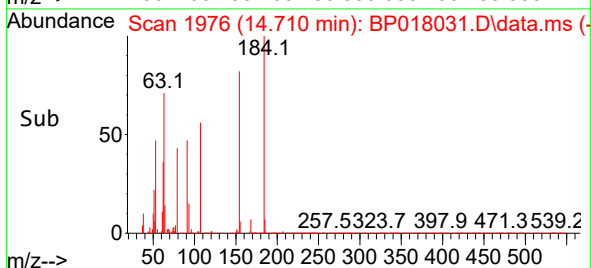
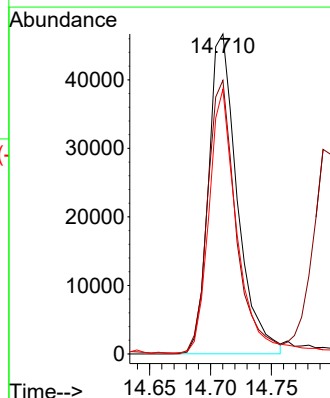
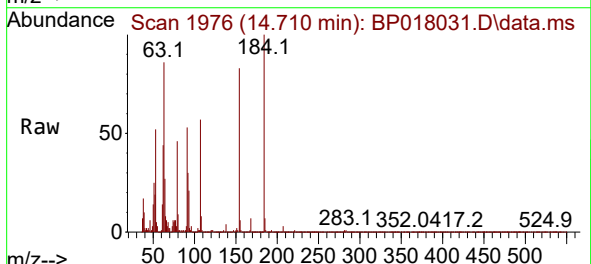
Instrument :
BNA_P
ClientSampleId :
SSTD040620

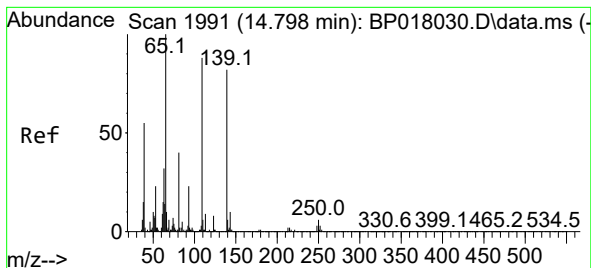
Tgt Ion:153 Resp: 561976
Ion Ratio Lower Upper
153 100
152 47.0 39.0 58.6
154 86.6 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 43.253 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:184 Resp: 76865
Ion Ratio Lower Upper
184 100
63 85.5 67.7 101.5
154 82.7 60.2 90.4

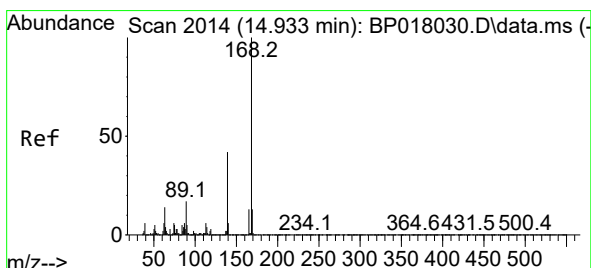
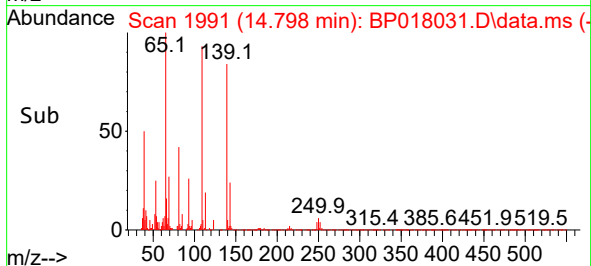
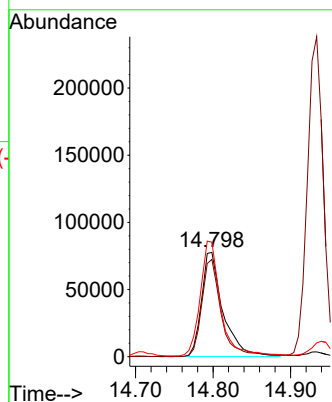
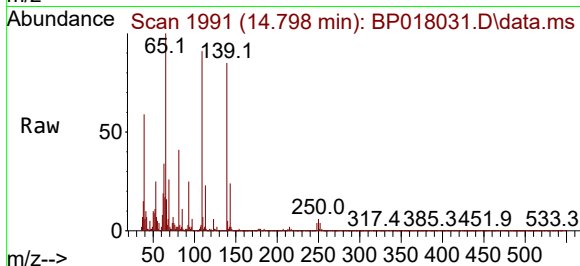




#55
4-Nitrophenol
Concen: 44.824 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

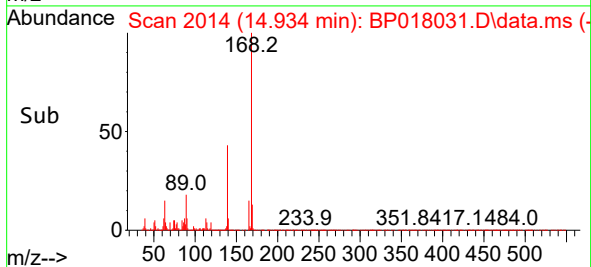
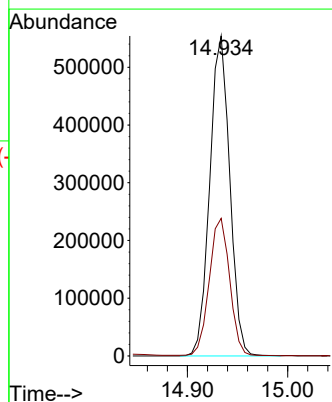
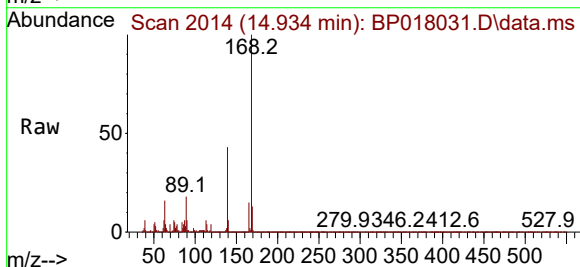
Instrument :
BNA_P
ClientSampleId :
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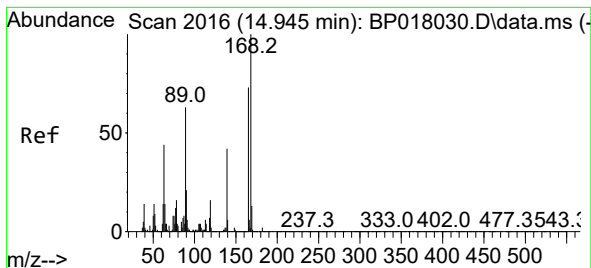
Tgt Ion:109 Resp: 149658
Ion Ratio Lower Upper
109 100
139 93.1 74.9 112.3
65 109.7 93.8 140.6



#56
Dibenzofuran
Concen: 40.942 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:168 Resp: 770092
Ion Ratio Lower Upper
168 100
139 43.0 34.0 51.0

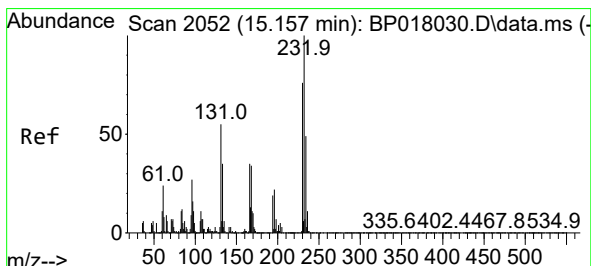
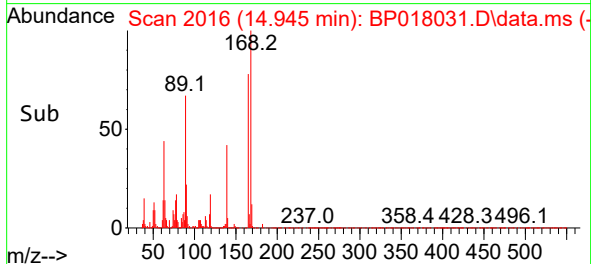
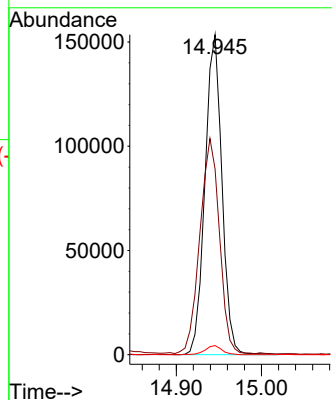
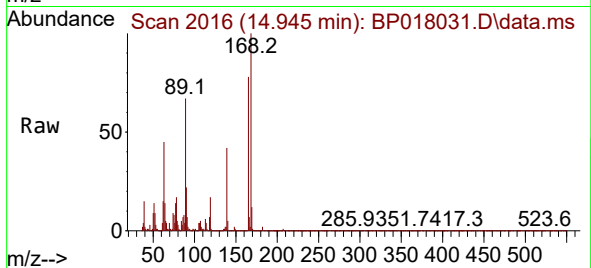




#57
2,4-Dinitrotoluene
Concen: 43.352 ng/ul
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

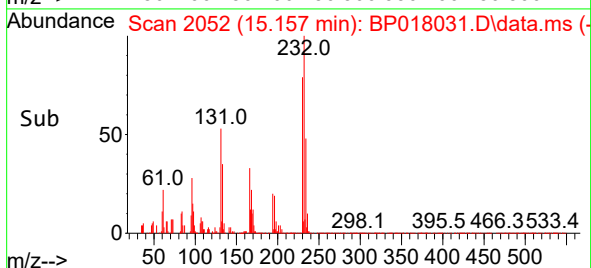
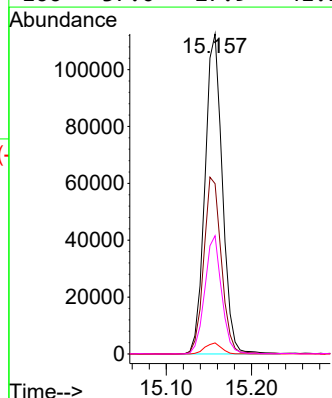
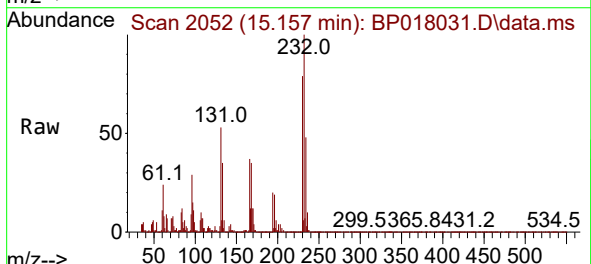
Instrument :
BNA_P
ClientSampleId :
SSTD040620

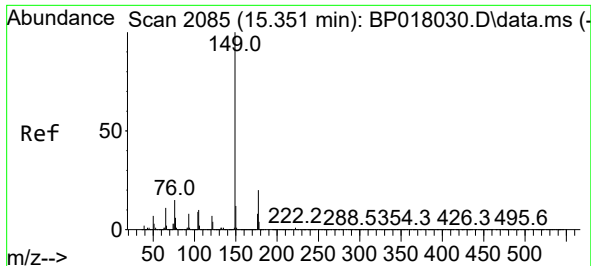
Tgt Ion:165 Resp: 212573
Ion Ratio Lower Upper
165 100
63 58.0 48.6 72.8
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.183 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:232 Resp: 159664
Ion Ratio Lower Upper
232 100
131 53.2 44.1 66.1
130 3.5 2.5 3.7
166 37.0 27.9 41.9

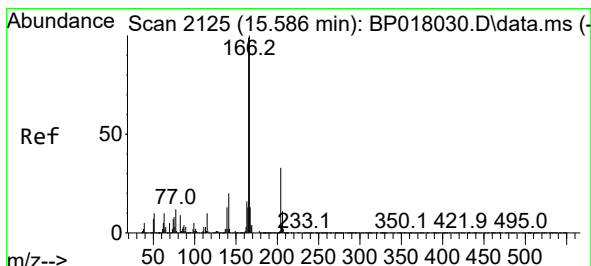
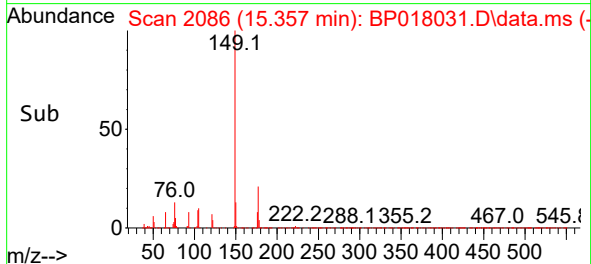
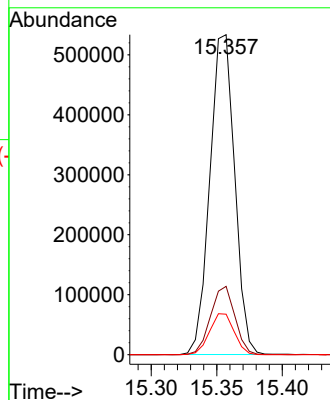
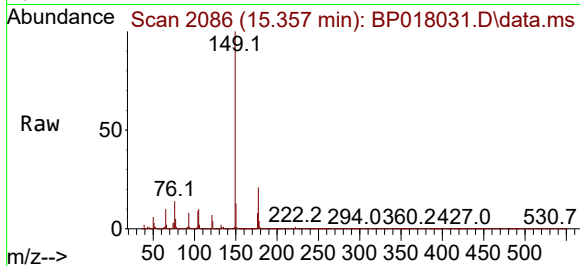




#59
Diethylphthalate
Concen: 40.732 ng/ul
RT: 15.357 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

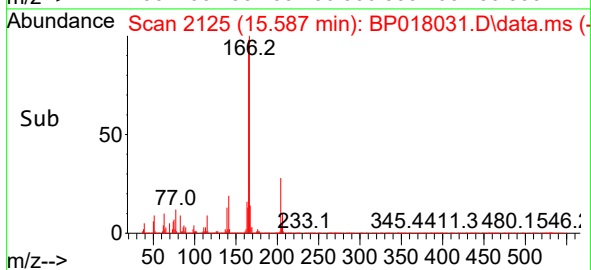
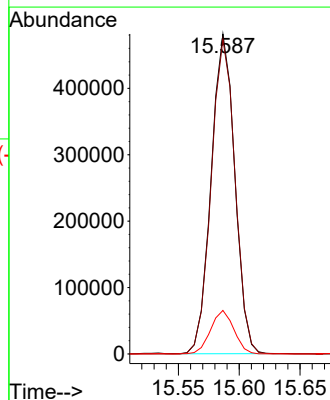
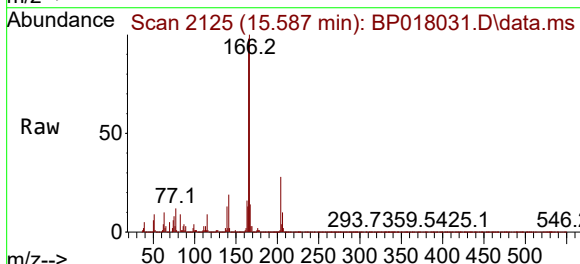
Instrument :
BNA_P
ClientSampleId :
SSTD040620

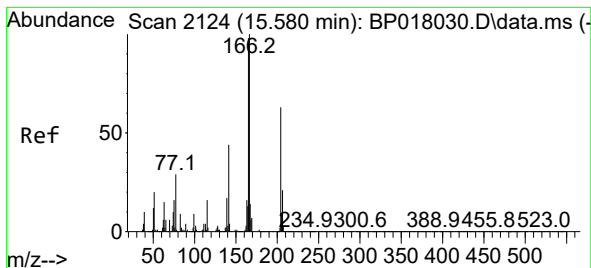
Tgt Ion:149 Resp: 702658
Ion Ratio Lower Upper
149 100
177 21.4 16.3 24.5
150 12.7 10.0 15.0



#61
Fluorene
Concen: 40.729 ng/ul
RT: 15.587 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:166 Resp: 650398
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 13.6 10.6 16.0

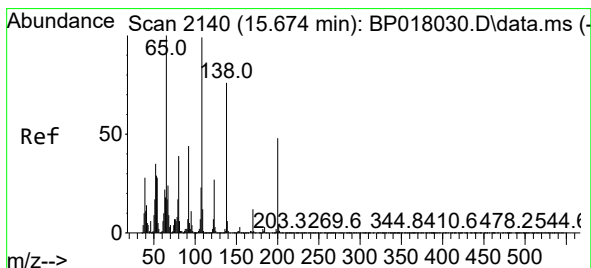
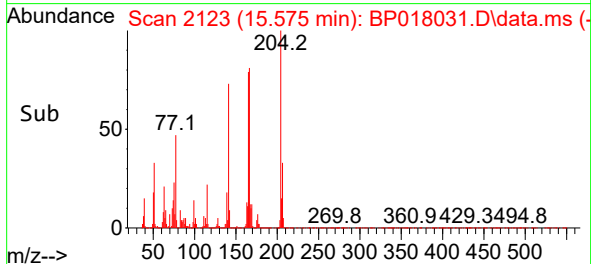
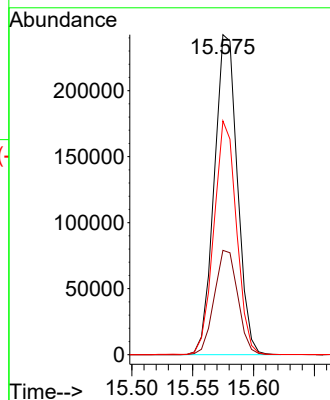
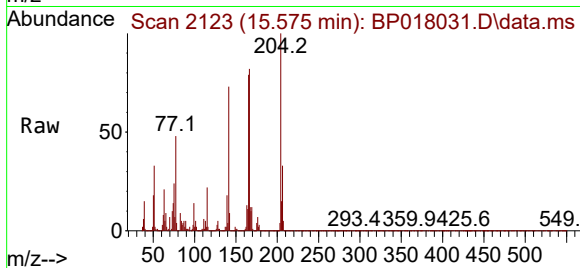




#62
4-Chlorophenyl-phenylether
Concen: 40.944 ng/ul
RT: 15.575 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

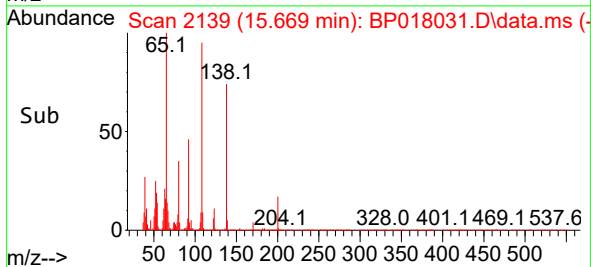
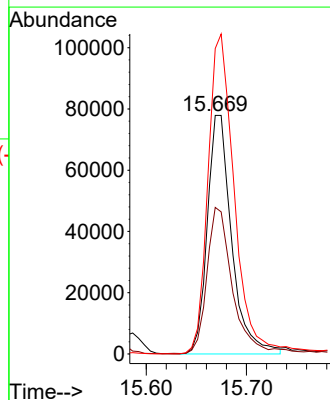
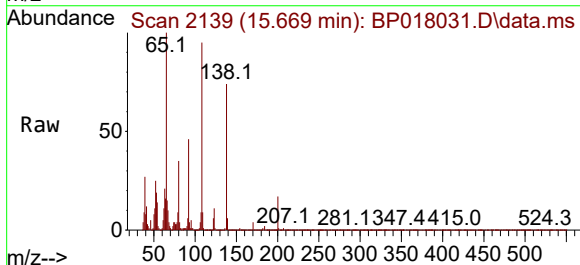
Instrument :
BNA_P
ClientSampleId :
SSTD040620

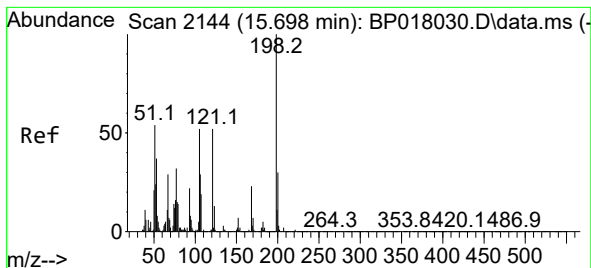
Tgt Ion:204 Resp: 320408
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 73.0 56.0 84.0



#63
4-Nitroaniline
Concen: 46.331 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:138 Resp: 132056
Ion Ratio Lower Upper
138 100
92 61.4 46.6 70.0
108 128.0 104.7 157.1

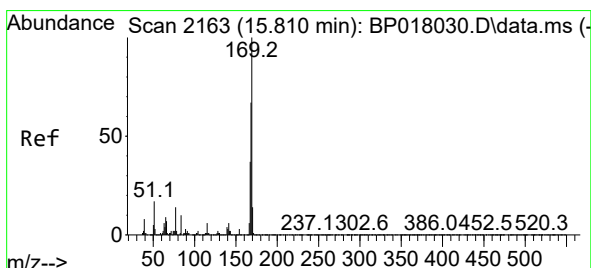
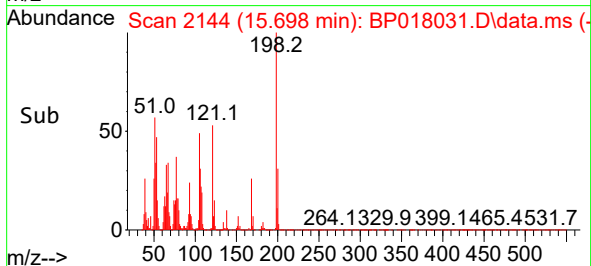
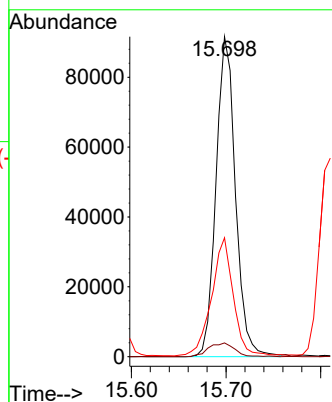
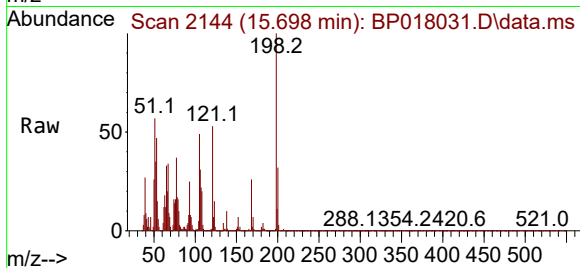




#66
 4,6-Dinitro-2-methylphenol
 Concen: 42.752 ng/ul
 RT: 15.698 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BP018031.D
 Acq: 10 Nov 2023 18:19

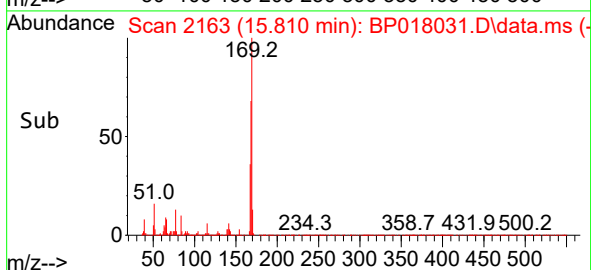
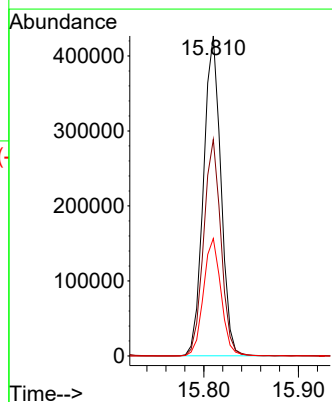
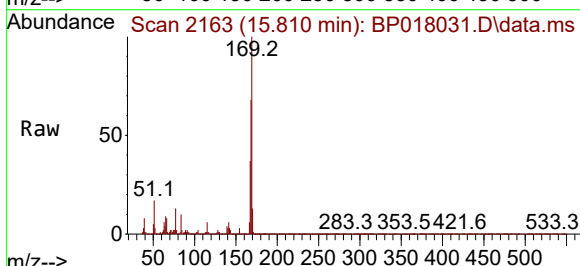
Instrument :
 BNA_P
 ClientSampleId :
 SSTD040620

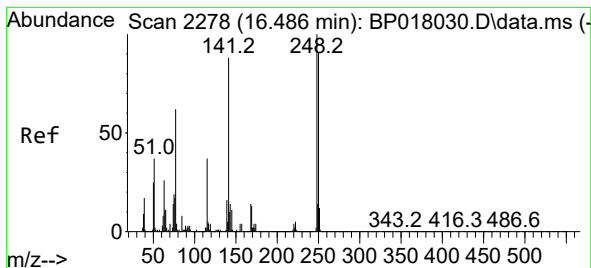
Tgt Ion:198 Resp: 130777
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.8 5.6
 77 37.1 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 41.397 ng/ul
 RT: 15.810 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: BP018031.D
 Acq: 10 Nov 2023 18:19

Tgt Ion:169 Resp: 541370
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.8 80.8
 167 36.7 29.8 44.6

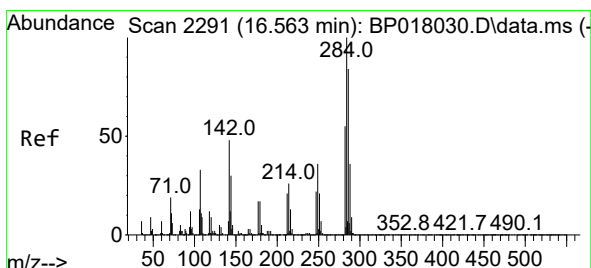
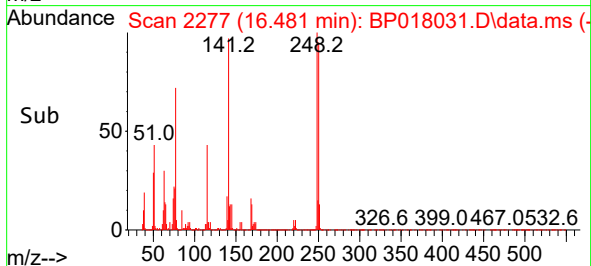
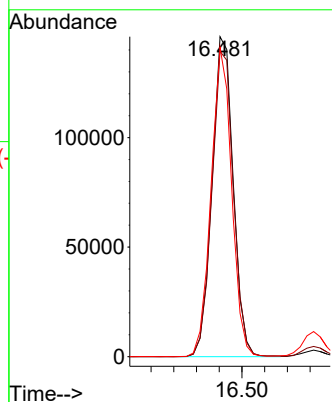
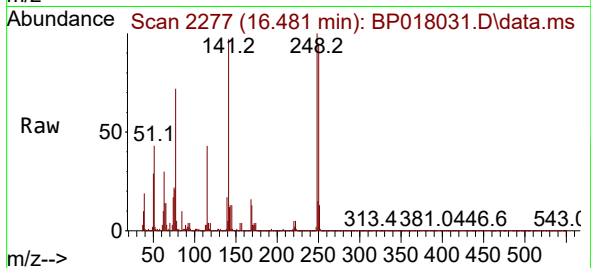




#68
4-Bromophenyl-phenylether
Concen: 41.151 ng/ul
RT: 16.481 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

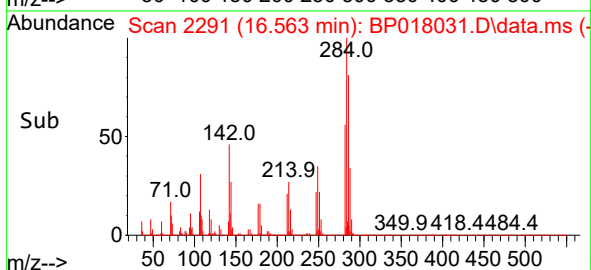
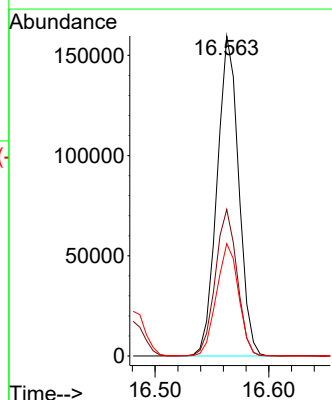
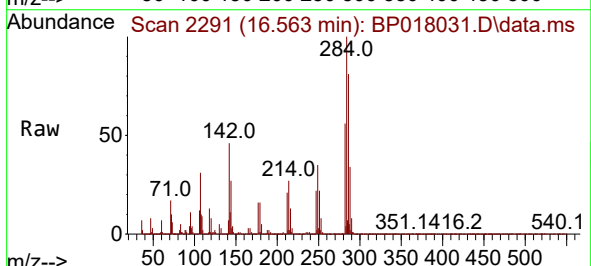
Instrument :
BNA_P
ClientSampleId :
SSTD040620

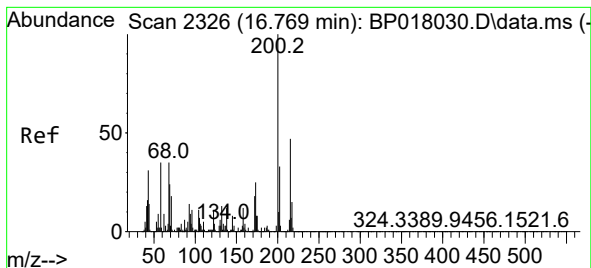
Tgt Ion:248 Resp: 189130
Ion Ratio Lower Upper
248 100
250 95.4 72.7 109.1
141 96.7 70.4 105.6



#69
Hexachlorobenzene
Concen: 41.243 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:284 Resp: 211512
Ion Ratio Lower Upper
284 100
142 45.8 38.9 58.3
249 35.1 28.6 43.0





#70

Atrazine

Concen: 43.729 ng/ul

RT: 16.769 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

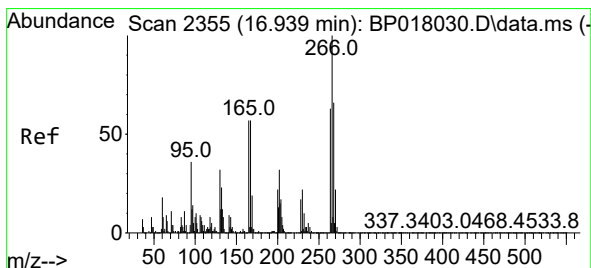
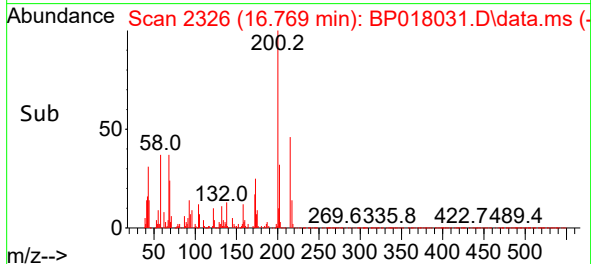
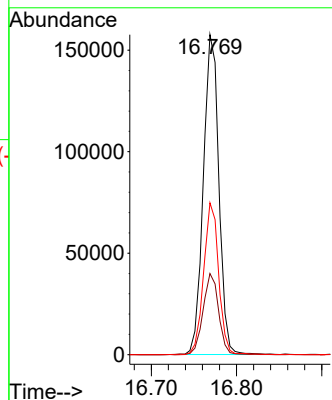
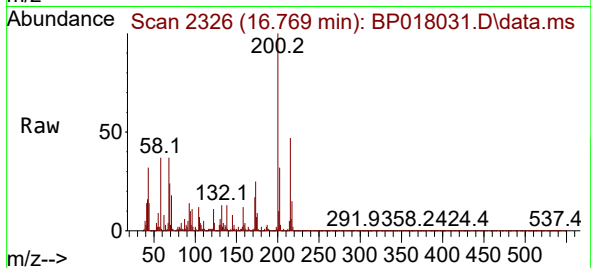
Tgt Ion:200 Resp: 199488

Ion Ratio Lower Upper

200 100

173 25.4 20.2 30.2

215 47.5 37.8 56.8



#71

Pentachlorophenol

Concen: 43.133 ng/ul

RT: 16.939 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

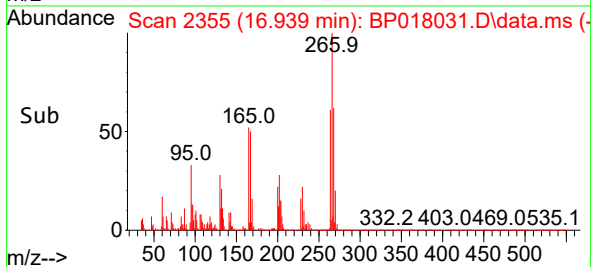
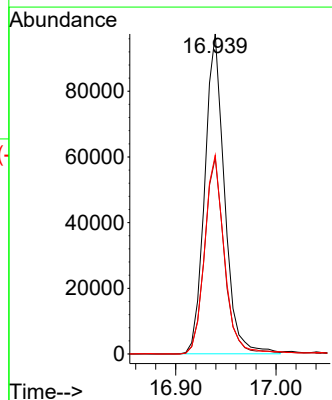
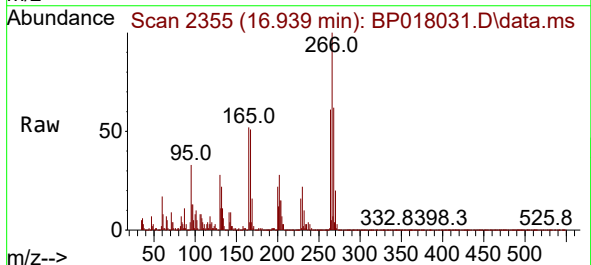
Tgt Ion:266 Resp: 133539

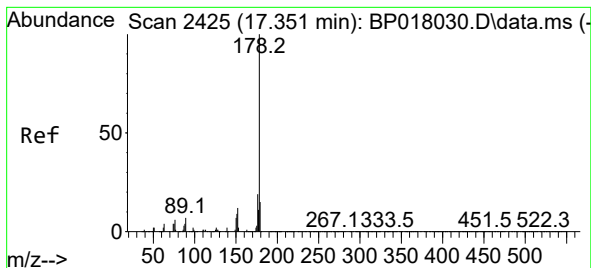
Ion Ratio Lower Upper

266 100

264 61.3 50.7 76.1

268 62.1 52.4 78.6





#72

Phenanthrene

Concen: 41.582 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

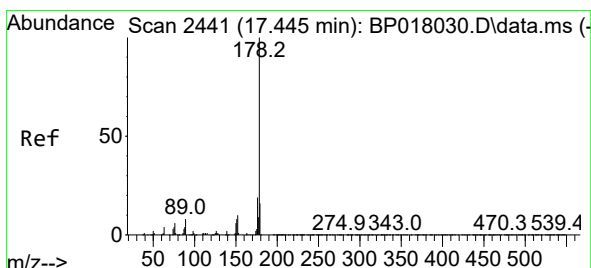
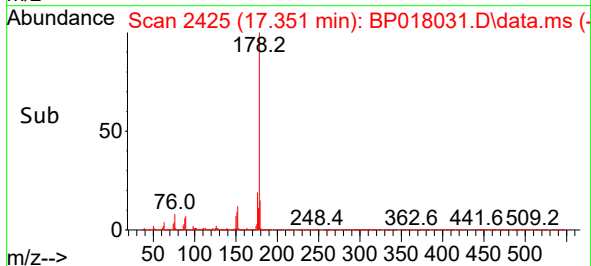
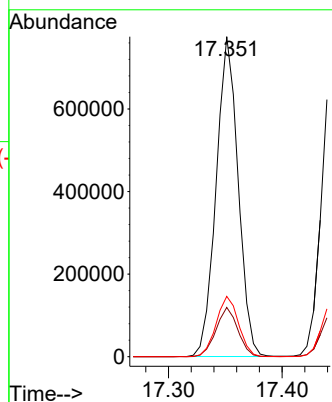
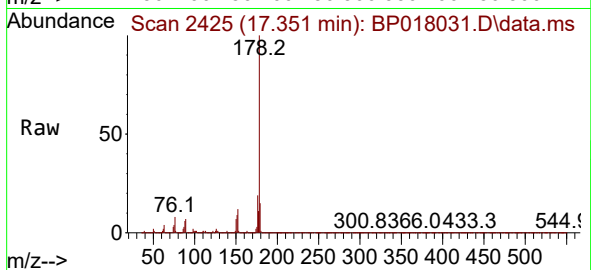
Tgt Ion:178 Resp: 1041103

Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

176 18.9 15.5 23.3



#74

Anthracene

Concen: 41.661 ng/ul

RT: 17.445 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

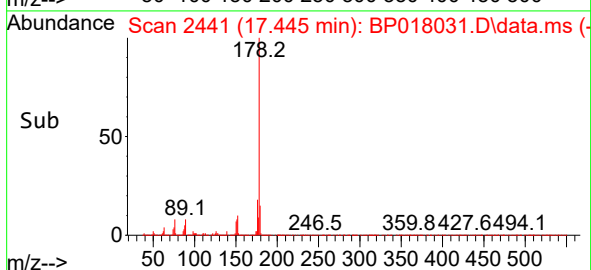
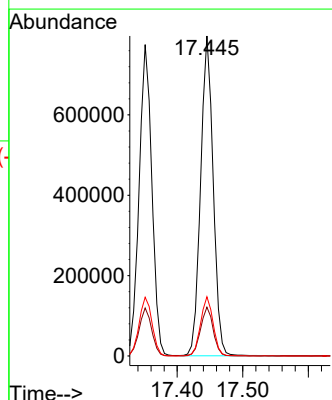
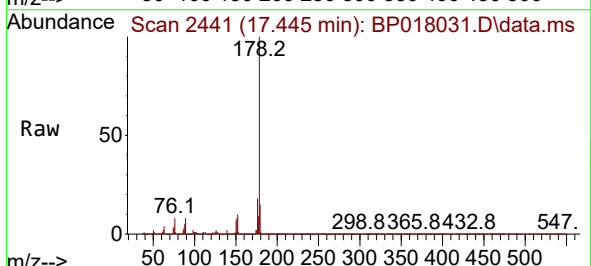
Tgt Ion:178 Resp: 1064462

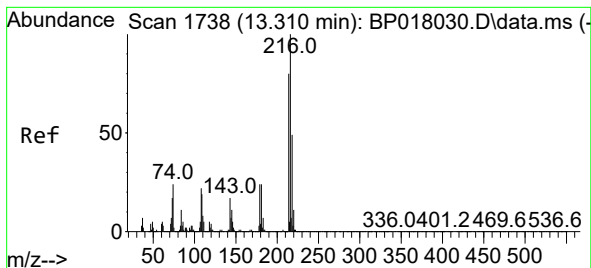
Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

176 18.5 15.4 23.0

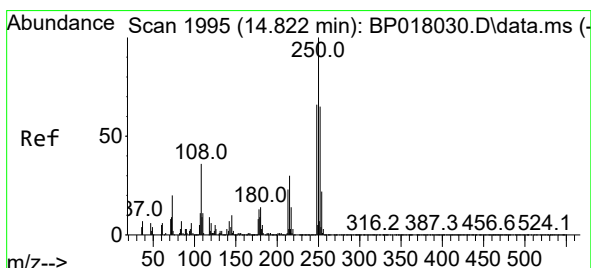
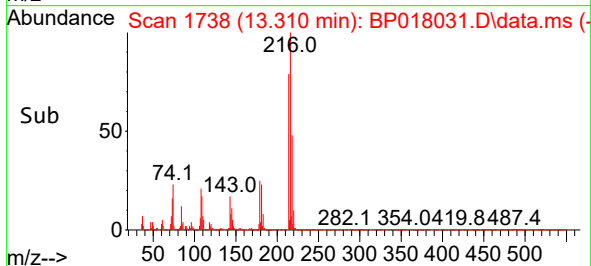
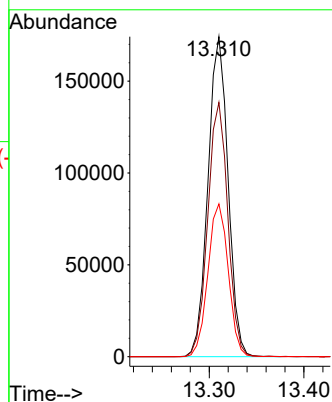
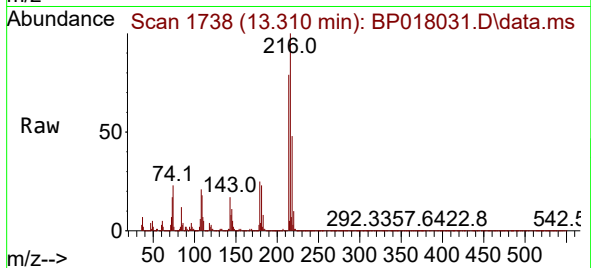




#75
1,2,3,4-Tetrachlorobenzene
Concen: 41.150 ng/uL
RT: 13.310 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

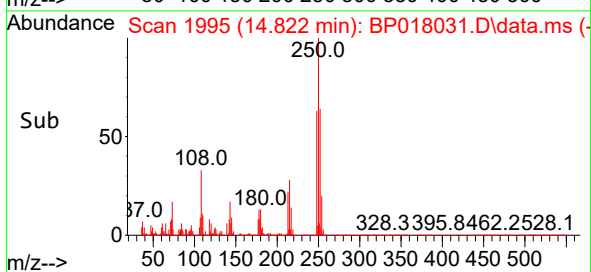
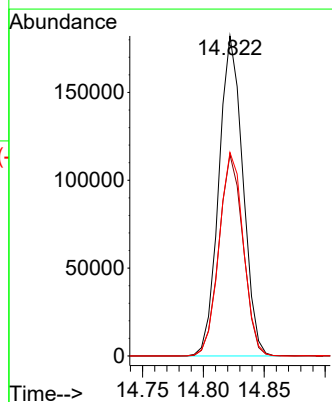
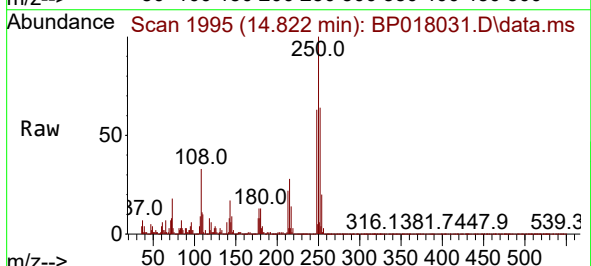
Instrument :
BNA_P
ClientSampleId :
SSTD040620

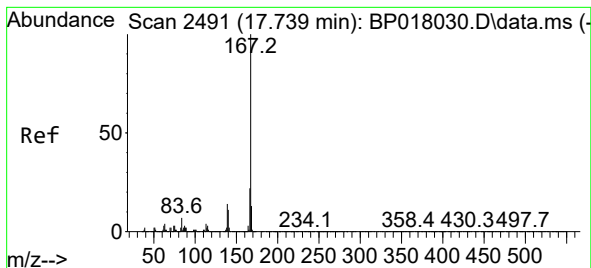
Tgt Ion:216 Resp: 256246
Ion Ratio Lower Upper
216 100
214 79.4 64.0 96.0
218 47.8 39.0 58.4



#76
Pentachlorobenzene
Concen: 41.024 ng/uL
RT: 14.822 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:250 Resp: 250084
Ion Ratio Lower Upper
250 100
248 62.9 52.7 79.1
252 63.6 52.3 78.5





#77

Carbazole

Concen: 42.902 ng/ul

RT: 17.739 min Scan# 2491

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

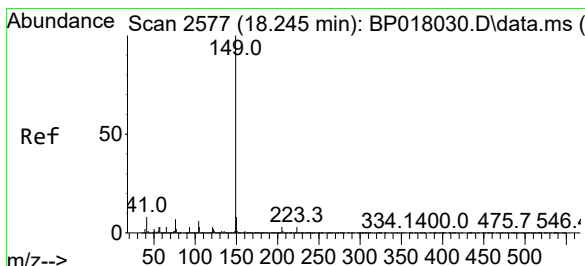
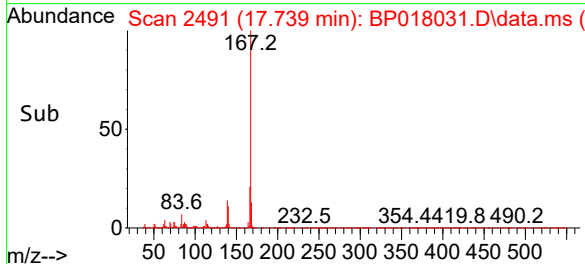
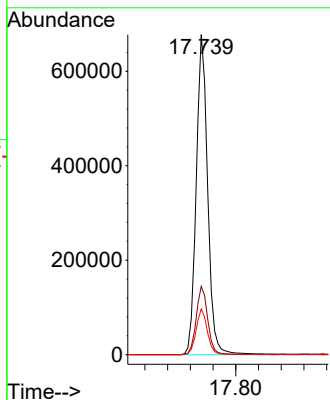
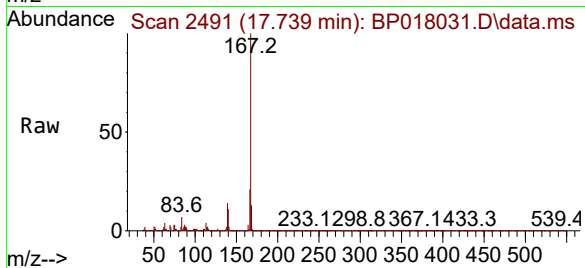
Tgt Ion:167 Resp: 951904

Ion Ratio Lower Upper

167 100

166 21.3 17.6 26.4

139 14.3 11.4 17.0



#78

Di-n-butylphthalate

Concen: 42.019 ng/ul

RT: 18.245 min Scan# 2577

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

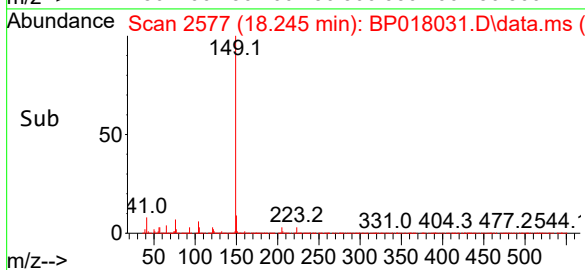
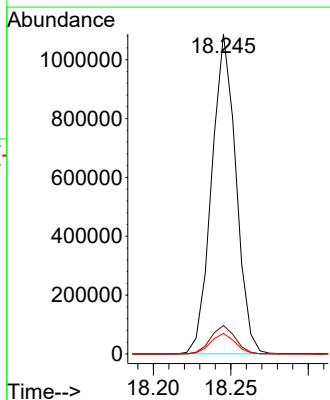
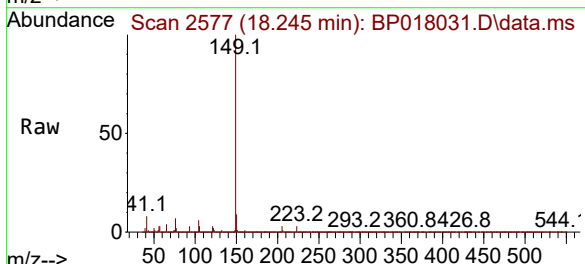
Tgt Ion:149 Resp: 1182948

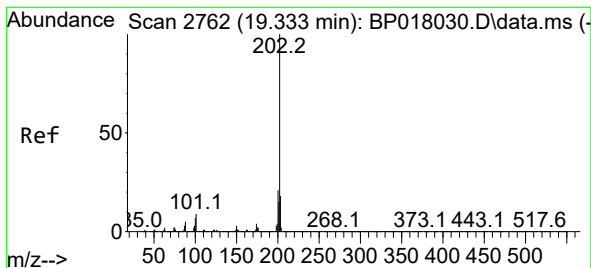
Ion Ratio Lower Upper

149 100

150 8.9 6.7 10.1

104 6.4 5.1 7.7





#80

Fluoranthene

Concen: 42.285 ng/ul

RT: 19.333 min Scan# 2762

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

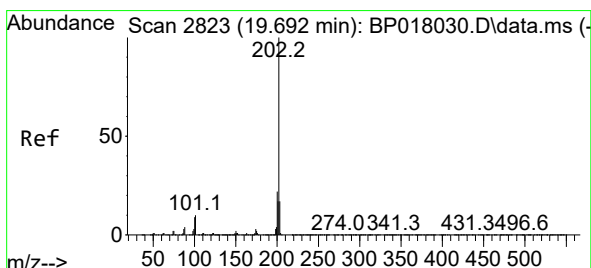
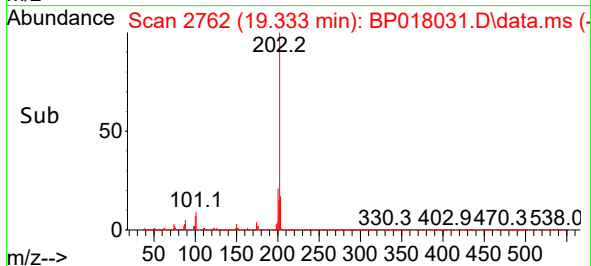
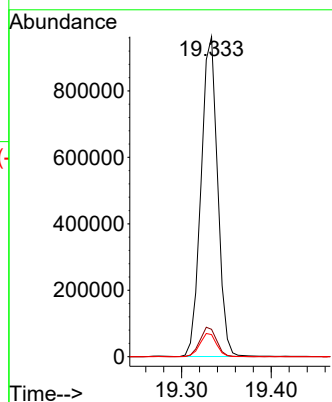
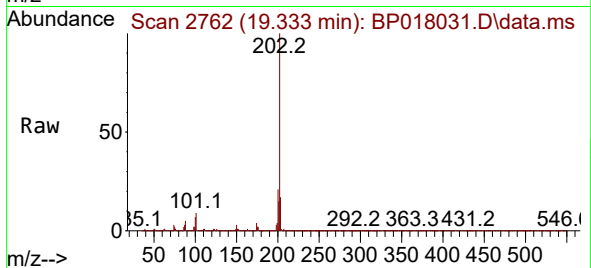
Tgt Ion:202 Resp: 1234281

Ion Ratio Lower Upper

202 100

101 8.5 7.2 10.8

100 6.9 5.8 8.6



#82

Pyrene

Concen: 42.072 ng/ul

RT: 19.692 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

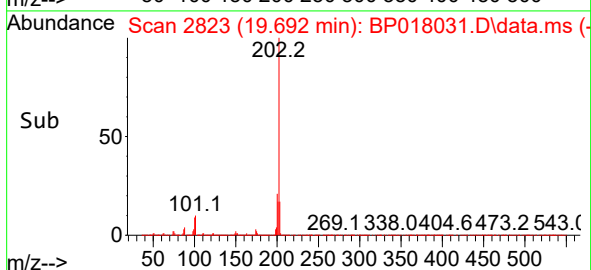
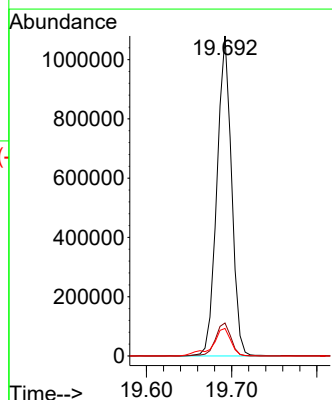
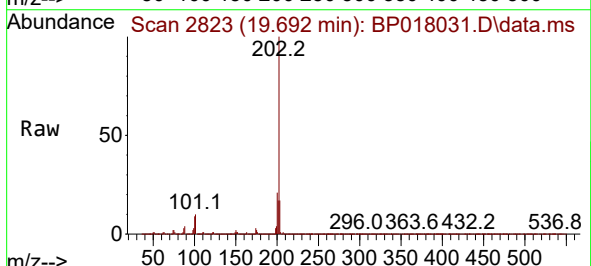
Tgt Ion:202 Resp: 1286870

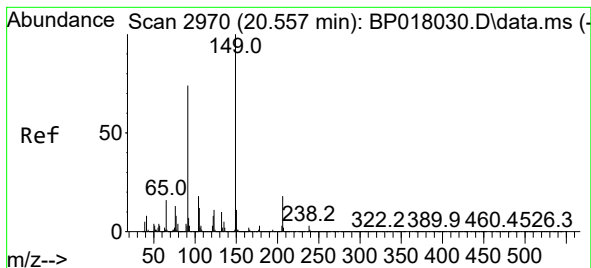
Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

100 8.6 7.4 11.2





#83

Butylbenzylphthalate

Concen: 43.061 ng/ul

RT: 20.557 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

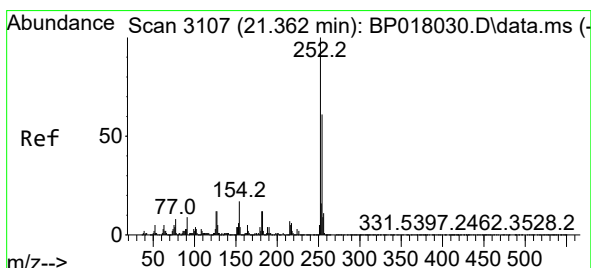
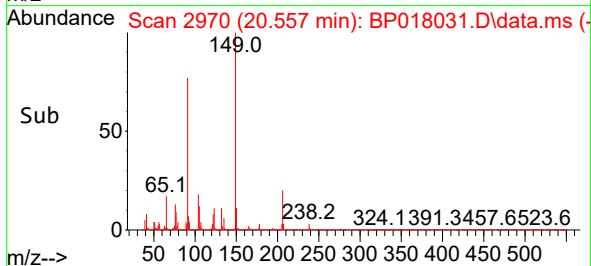
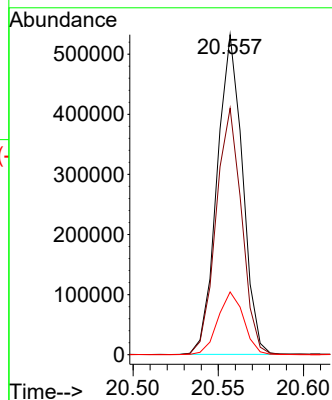
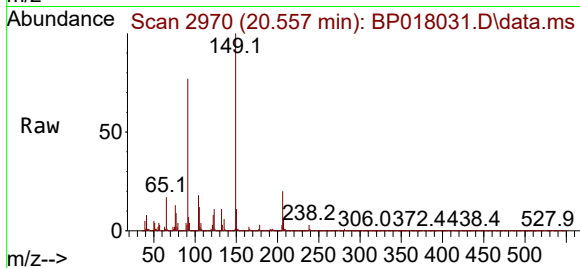
Tgt Ion:149 Resp: 553903

Ion Ratio Lower Upper

149 100

91 77.0 59.6 89.4

206 19.6 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 43.634 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

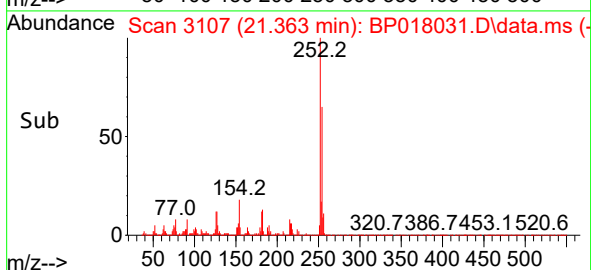
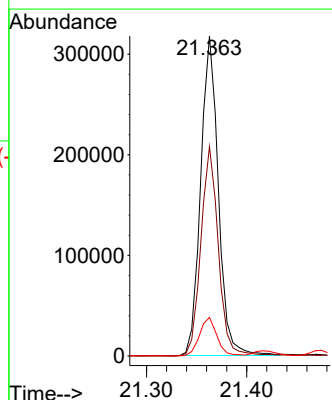
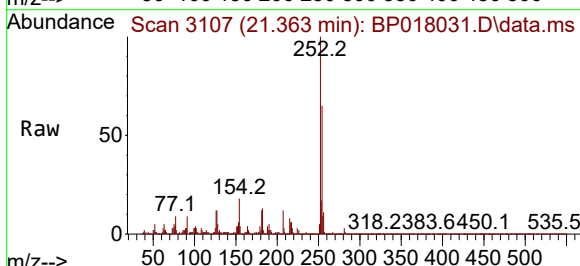
Tgt Ion:252 Resp: 390083

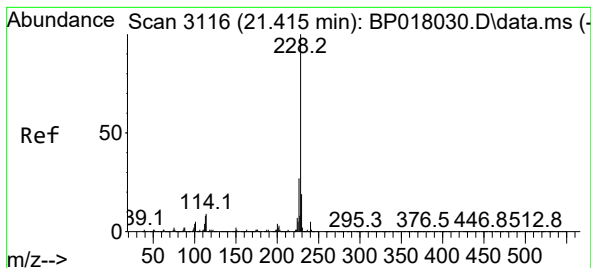
Ion Ratio Lower Upper

252 100

254 65.5 48.9 73.3

126 12.1 9.4 14.0





#85

Benzo(a)anthracene

Concen: 41.491 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

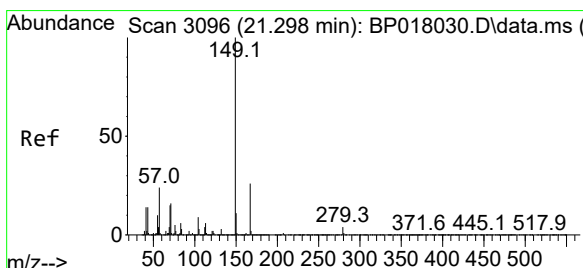
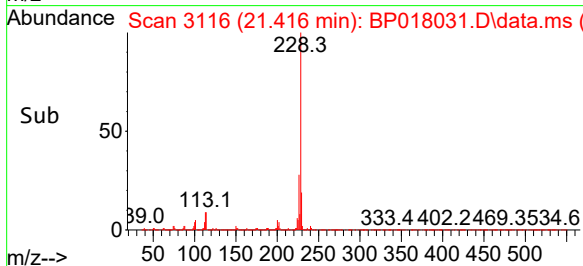
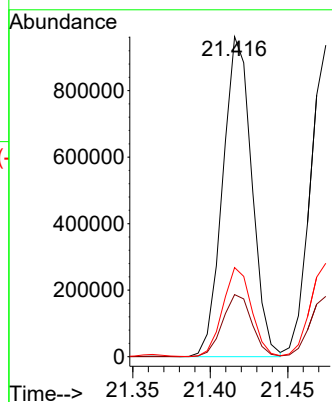
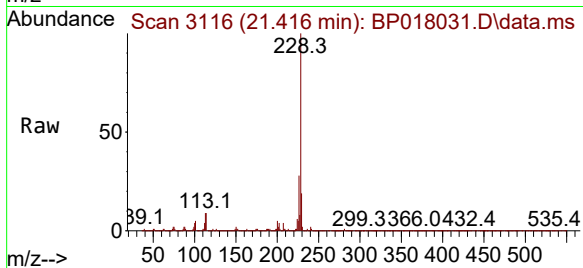
Tgt Ion:228 Resp: 1253635

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.0

226 27.8 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.525 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

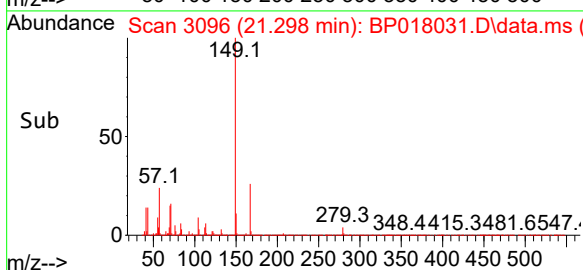
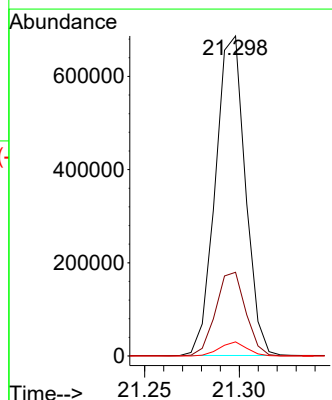
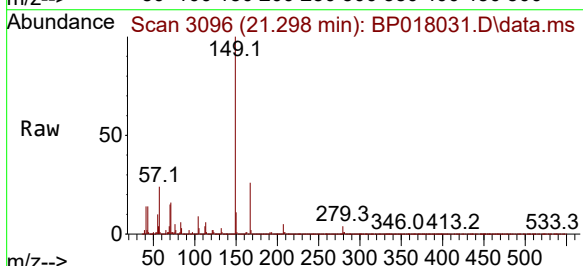
Tgt Ion:149 Resp: 754194

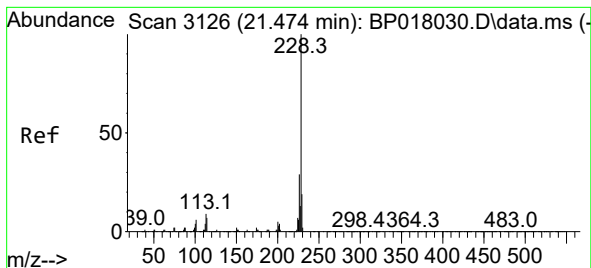
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

279 4.4 3.2 4.8





#87

Chrysene

Concen: 41.283 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

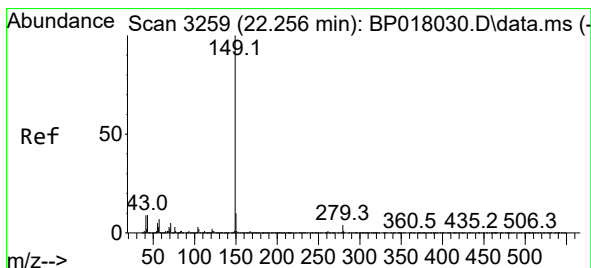
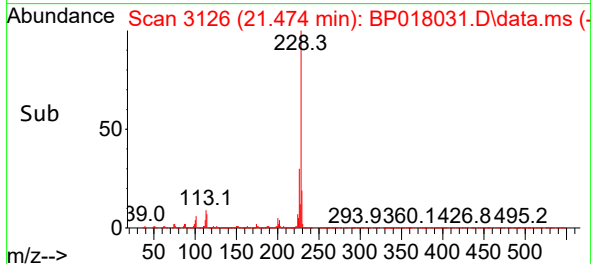
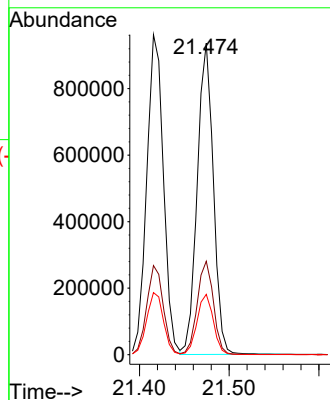
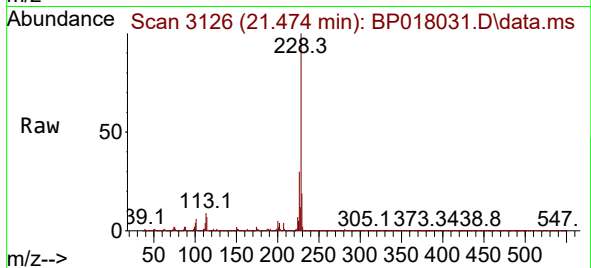
Tgt Ion:228 Resp: 1166968

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

229 19.4 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 42.743 ng/ul

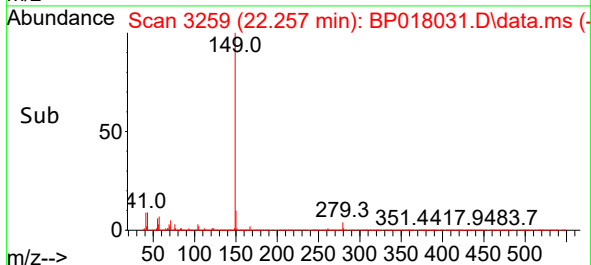
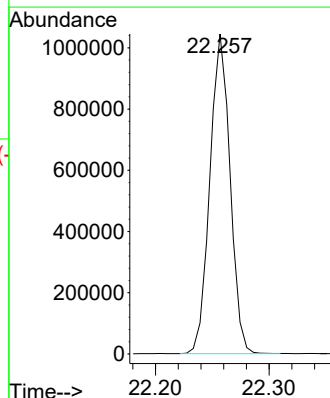
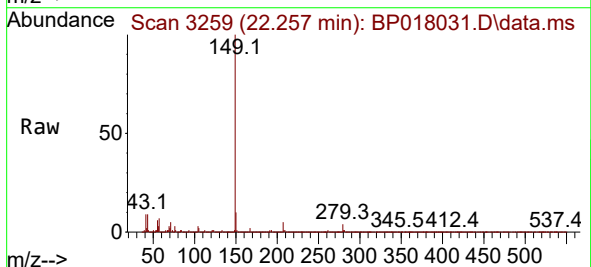
RT: 22.257 min Scan# 3259

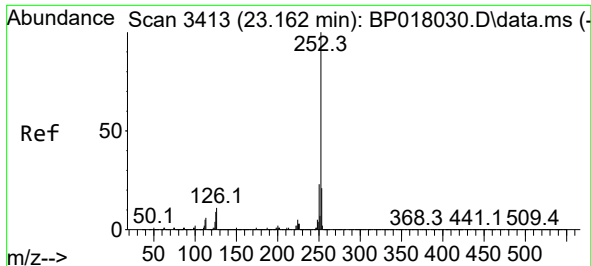
Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Tgt Ion:149 Resp: 1287343

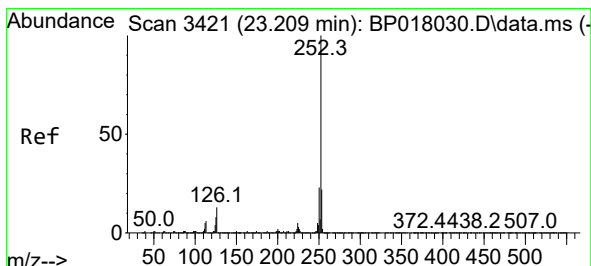
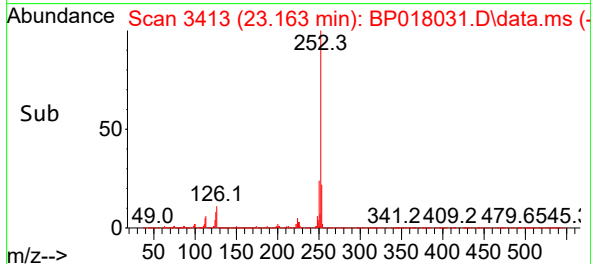
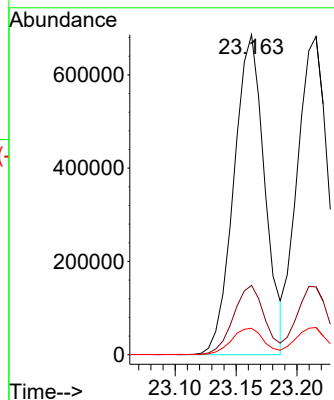
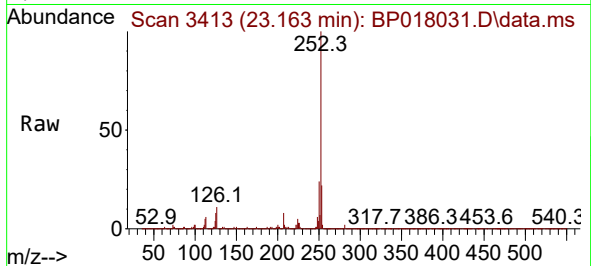




#90
Benzo(b)fluoranthene
Concen: 42.267 ng/ul
RT: 23.163 min Scan# 3413
Delta R.T. 0.000 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

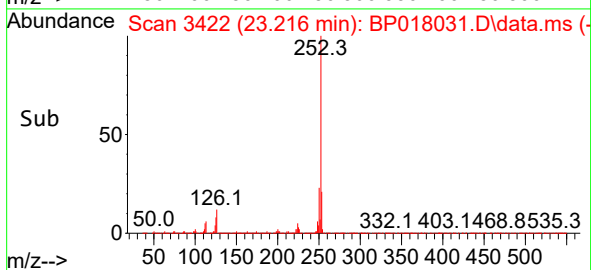
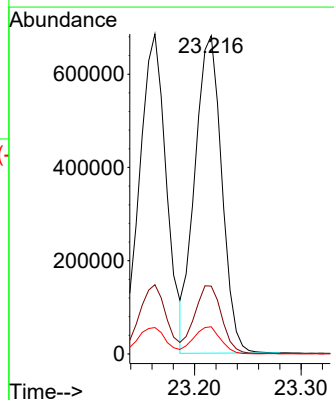
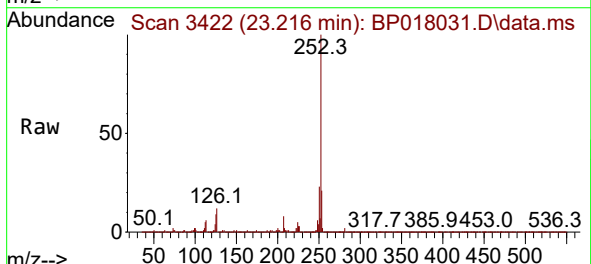
Instrument :
BNA_P
ClientSampleId :
SSTD040620

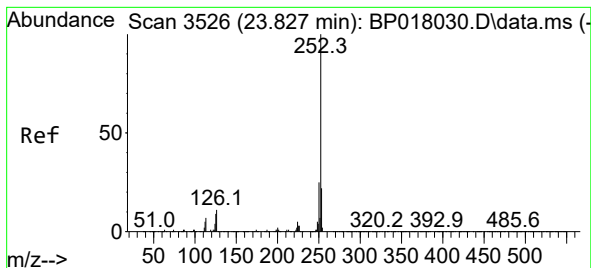
Tgt Ion:252 Resp: 1211416
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 8.2 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 41.401 ng/ul
RT: 23.216 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP018031.D
Acq: 10 Nov 2023 18:19

Tgt Ion:252 Resp: 1193838
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 8.5 6.8 10.2





#93

Benzo(a)pyrene

Concen: 42.200 ng/ul

RT: 23.827 min Scan# 311

Delta R.T. 0.000 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

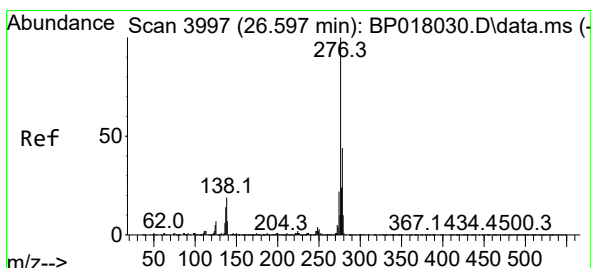
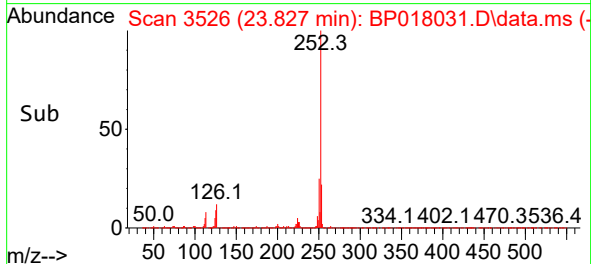
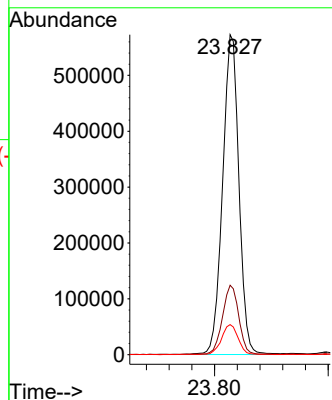
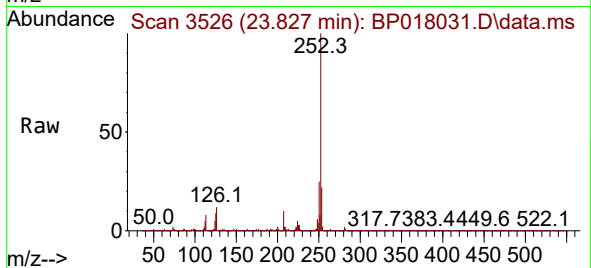
Tgt Ion:252 Resp: 1142190

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.4 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 41.929 ng/ul

RT: 26.604 min Scan# 3998

Delta R.T. 0.006 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

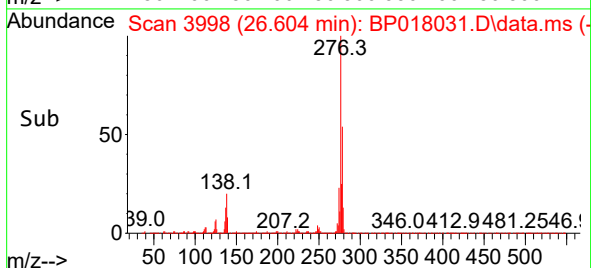
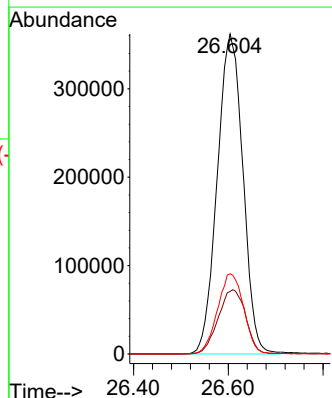
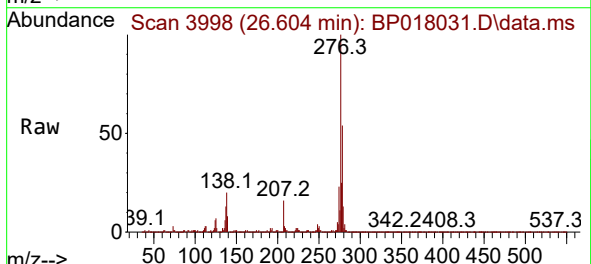
Tgt Ion:276 Resp: 1361121

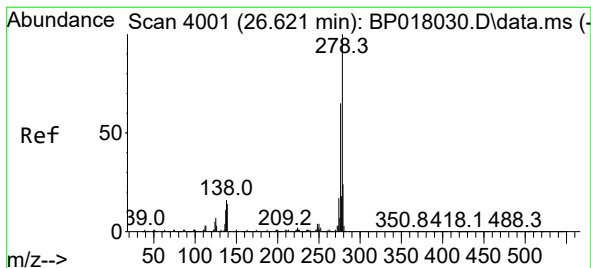
Ion Ratio Lower Upper

276 100

138 19.5 15.6 23.4

277 25.1 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 42.114 ng/ul

RT: 26.627 min Scan# 4001

Delta R.T. 0.006 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

SSTD040620

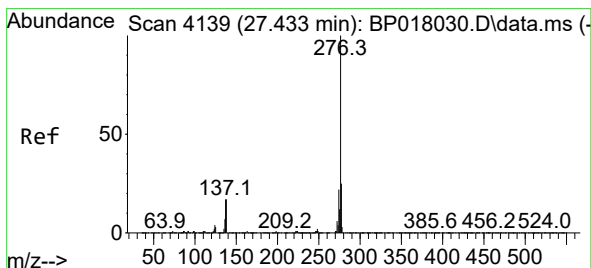
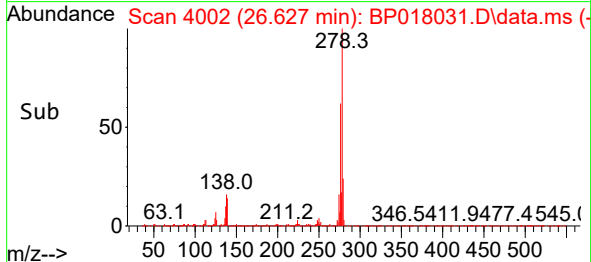
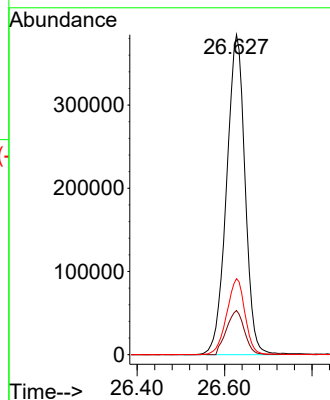
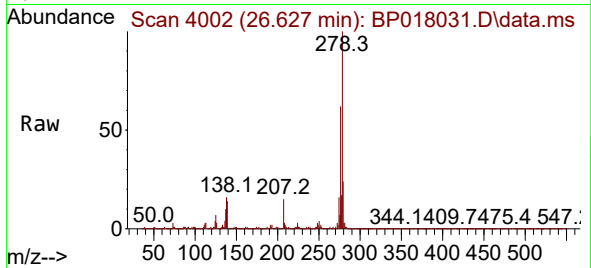
Tgt Ion:278 Resp: 1125696

Ion Ratio Lower Upper

278 100

139 13.8 11.1 16.7

279 23.7 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 41.857 ng/ul

RT: 27.439 min Scan# 4140

Delta R.T. 0.006 min

Lab File: BP018031.D

Acq: 10 Nov 2023 18:19

Tgt Ion:276 Resp: 1086815

Ion Ratio Lower Upper

276 100

138 18.0 13.8 20.6

277 23.6 20.2 30.2

