

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018261.D
 Acq On : 18 Nov 2023 14:56
 Operator : MA/JU
 Sample : PB157217BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:54:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	85487	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	333727	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	223964	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	521020	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	557857	20.000	ng/u1	# 0.00
88) Perylene-d12	23.856	264	568171	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	12041	4.969	ng/uL	0.00
4) Pyridine-d5	3.587	84	148928	23.570	ng/u1	0.00
7) Phenol-d5	6.946	99	193001	23.385	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	109540	22.585	ng/u1	0.00
11) 2-Chlorophenol-d4	7.298	132	160756	24.597	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	152616	22.567	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	75524	25.119	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.692	143	88944	26.112	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.216	165	165485	27.258	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.775	131	201711	24.228	ng/u1	-0.01
46) Dimethylphthalate-d6	13.880	166	540937	26.177	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	574954	25.545	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	74757	24.210	ng/u1	-0.02
60) Fluorene-d10	15.463	176	452814	26.541	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	107847	28.633	ng/u1	0.00
73) Anthracene-d10	17.339	188	734499	26.066	ng/u1	0.00
81) Pyrene-d10	19.598	212	943472	25.320	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	916119	27.730	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	29579	11.185	ng/uL	95
5) Pyridine	3.605	79	159378	24.440	ng/u1	95
6) Benzaldehyde	6.946	77	117971	26.541	ng/u1	96
8) Phenol	6.975	94	211222	25.943	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.222	93	164314	26.014	ng/u1	98
12) 2-Chlorophenol	7.328	128	181333	27.634	ng/u1	98
13) 2-Methylphenol	8.234	108	159380	25.909	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.287	45	97202	13.477	ng/u1	95
16) Acetophenone	8.634	105	278235	25.882	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.598	70	143620	24.470	ng/u1	98
18) 4-Methylphenol	8.569	108	172379	25.694	ng/u1	99
19) Hexachloroethane	8.822	117	85896	27.359	ng/u1	92
22) Nitrobenzene	9.028	77	231034	28.458	ng/u1#	91
23) Isophorone	9.534	82	399057	26.937	ng/u1	98
25) 2-Nitrophenol	9.728	139	105364	30.101	ng/u1	93
26) 2,4-Dimethylphenol	9.769	107	167663	22.517	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	223175	27.626	ng/u1	98
29) 2,4-Dichlorophenol	10.245	162	175208	30.222	ng/u1	97
30) Naphthalene	10.639	128	579137	28.535	ng/u1	99
32) 4-Chloroaniline	10.798	127	197621	24.781	ng/u1	99
33) Hexachlorobutadiene	10.857	225	143214	33.650	ng/u1	99
34) Caprolactam	11.634	113	29193	15.158	ng/u1	87
35) 4-Chloro-3-methylphenol	11.916	107	207976	29.819	ng/u1	92
36) 2-Methylnaphthalene	12.263	142	404541	29.034	ng/u1	99

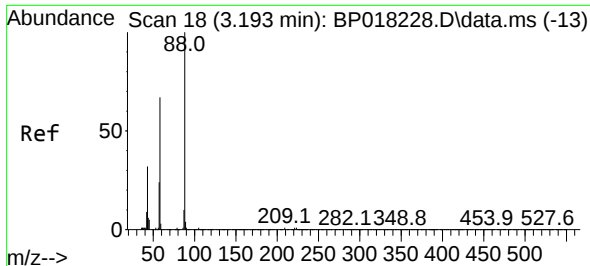
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	401089	28.013	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	248992	32.910	ng/ul	97
40) Hexachlorocyclopentadiene	12.551	237	98066	26.853	ng/ul	100
41) 2,4,6-Trichlorophenol	12.886	196	153262	30.879	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	165771	31.736	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	548942	28.824	ng/ul	99
44) 2-Chloronaphthalene	13.333	162	442532	29.268	ng/ul	98
45) 2-Nitroaniline	13.592	65	142488	29.203	ng/ul	97
47) Dimethylphthalate	13.928	163	610501	30.117	ng/ul	99
48) 2,6-Dinitrotoluene	14.086	165	124592	30.923	ng/ul	98
50) Acenaphthylene	14.186	152	735177	28.931	ng/ul	100
51) 3-Nitroaniline	14.433	138	114857	30.721	ng/ul	99
52) Acenaphthene	14.522	153	489086	29.025	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	58856	26.777	ng/ul	96
55) 4-Nitrophenol	14.733	109	120223	29.330	ng/ul	94
56) Dibenzofuran	14.863	168	691254	29.935	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	193142	32.085	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.086	232	147140	31.666	ng/ul	96
59) Diethylphthalate	15.286	149	646525	30.528	ng/ul	100
61) Fluorene	15.516	166	592882	30.242	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	314950	32.783	ng/ul	96
63) 4-Nitroaniline	15.610	138	117486	33.300	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.639	198	122829	31.427	ng/ul#	90
67) N-Nitrosodiphenylamine	15.739	169	490441	29.351	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	198608	33.821	ng/ul	93
69) Hexachlorobenzene	16.498	284	235758	35.980	ng/ul#	87
70) Atrazine	16.704	200	154760	26.551	ng/ul	99
71) Pentachlorophenol	16.874	266	102878	25.865	ng/ul	97
72) Phenanthrene	17.286	178	957763	29.939	ng/ul	99
74) Anthracene	17.380	178	970682	29.733	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	250427	31.475	ng/uL	98
76) Pentachlorobenzene	14.757	250	248291	31.877	ng/uL	96
77) Carbazole	17.680	167	869998	30.688	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1149967	31.970	ng/ul	99
80) Fluoranthene	19.268	202	1221281	28.064	ng/ul	97
82) Pyrene	19.633	202	1280633	28.083	ng/ul#	94
83) Butylbenzylphthalate	20.504	149	553186	28.846	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.309	252	423781	31.796	ng/ul	97
85) Benzo(a)anthracene	21.362	228	1362695	30.251	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	797180	30.150	ng/ul	99
87) Chrysene	21.415	228	1263820	29.989	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1383926	32.570	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1311735	32.440	ng/ul	97
91) Benzo(k)fluoranthene	23.139	252	1330603	32.707	ng/ul	99
93) Benzo(a)pyrene	23.745	252	1208397	31.645	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.492	276	1419779	31.000	ng/ul	98
95) Dibenzo(a,h)anthracene	26.515	278	1183736	31.390	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	1123620	30.674	ng/ul	97

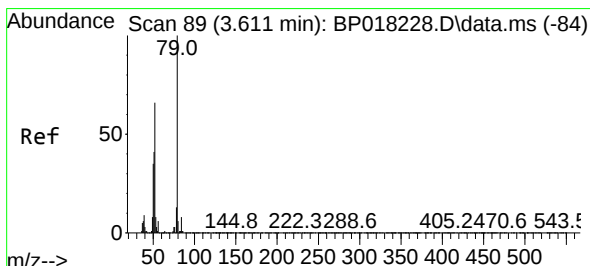
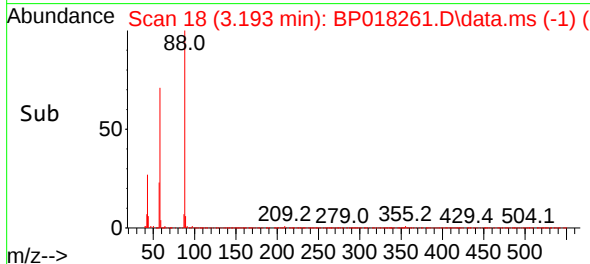
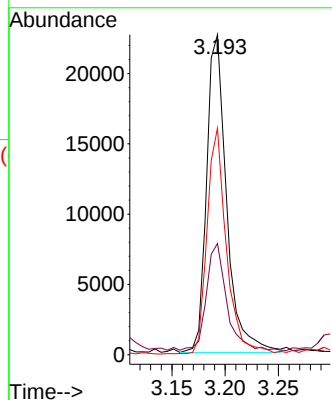
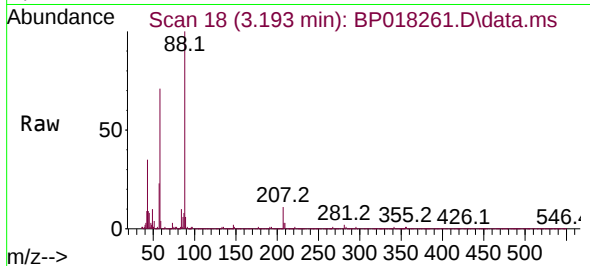
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#2
1,4-Dioxane
Concen: 11.185 ng/uL
RT: 3.193 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

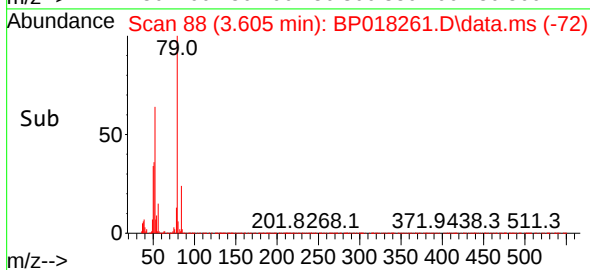
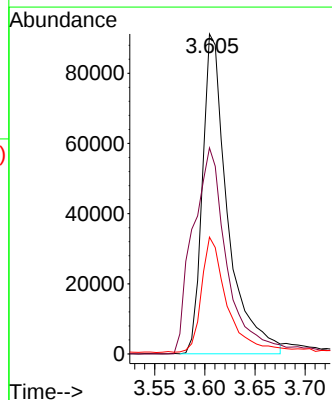
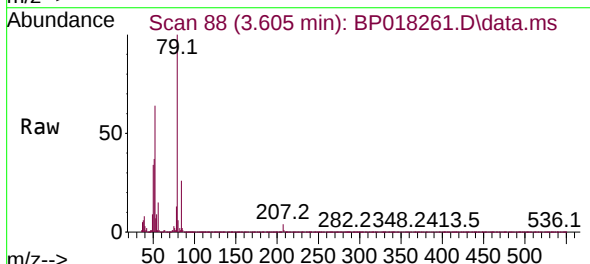
Instrument :
BNA_M
ClientSampleId :

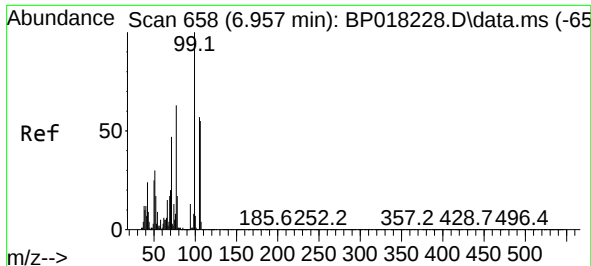
Tgt Ion: 88 Resp: 29579
Ion Ratio Lower Upper
88 100
43 34.7 25.4 38.2
58 70.8 53.3 79.9



#5
Pyridine
Concen: 24.440 ng/uL
RT: 3.605 min Scan# 88
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion: 79 Resp: 159378
Ion Ratio Lower Upper
79 100
52 64.4 53.9 80.9
51 36.5 32.2 48.2

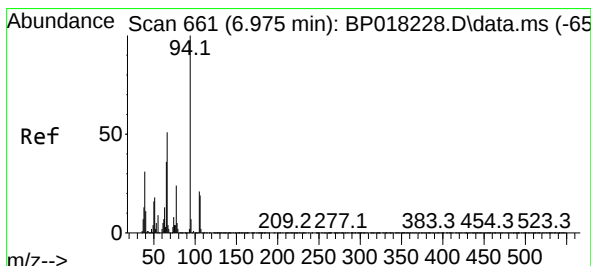
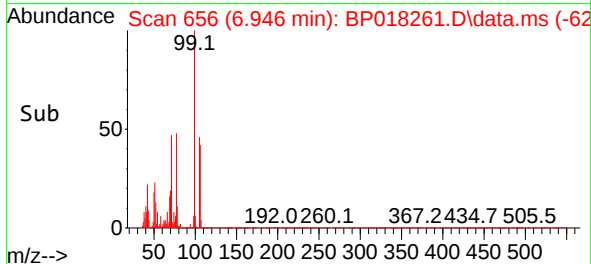
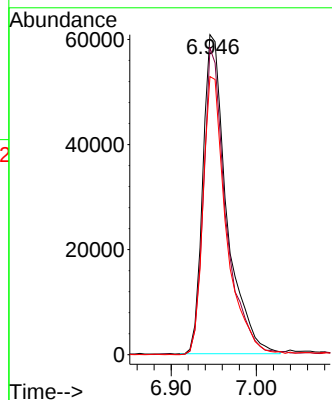
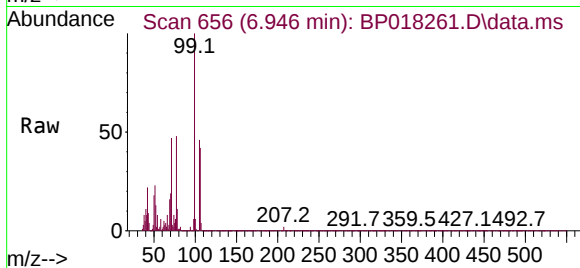




#6
Benzaldehyde
Concen: 26.541 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

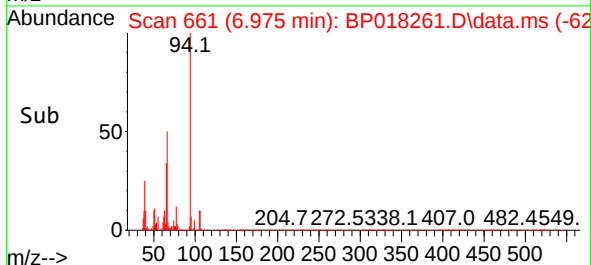
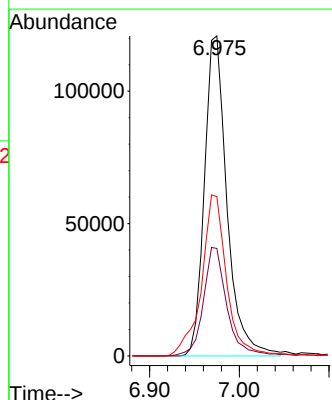
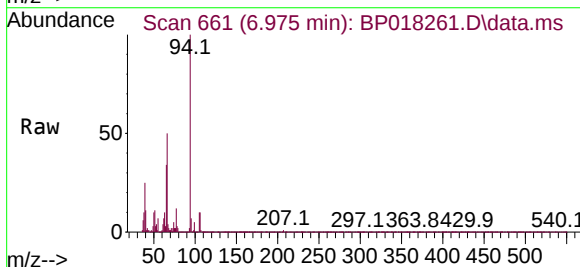
Instrument :
BNA_M
ClientSampleId :

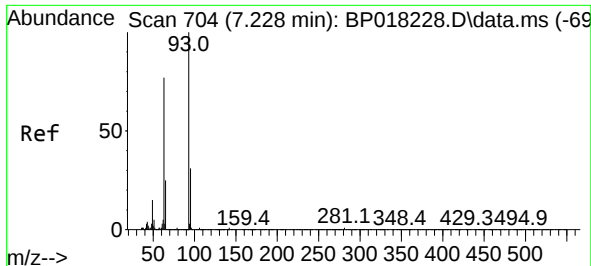
Tgt Ion: 77 Resp: 117971
Ion Ratio Lower Upper
77 100
105 95.8 72.7 109.1
106 86.9 67.5 101.3



#8
Phenol
Concen: 25.943 ng/ul
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

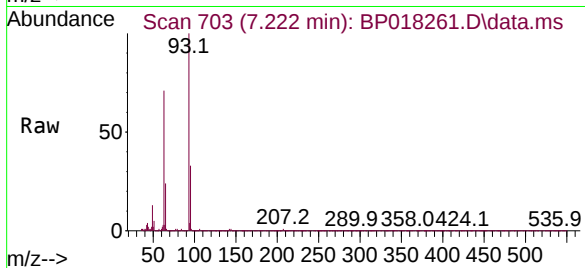
Tgt Ion: 94 Resp: 211222
Ion Ratio Lower Upper
94 100
65 33.6 28.2 42.2
66 49.8 40.3 60.5





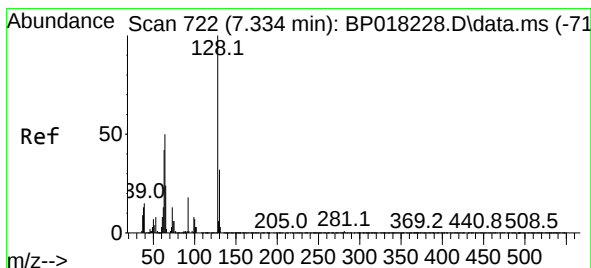
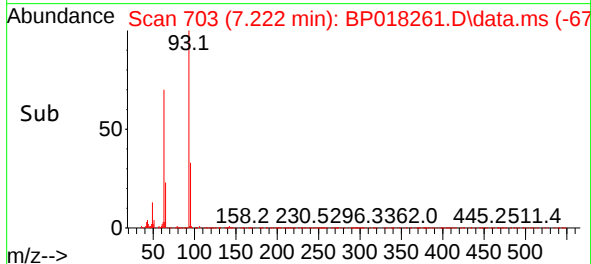
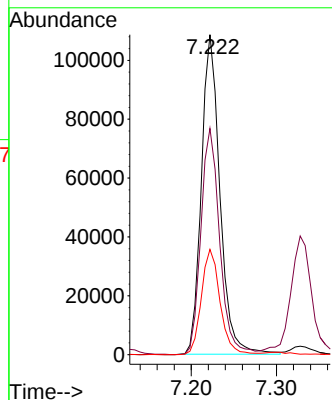
#10
 Bis(2-Chloroethyl)ether
 Concen: 26.014 ng/ul
 RT: 7.222 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BP018261.D
 Acq: 18 Nov 2023 14:56

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 93 Resp: 164314

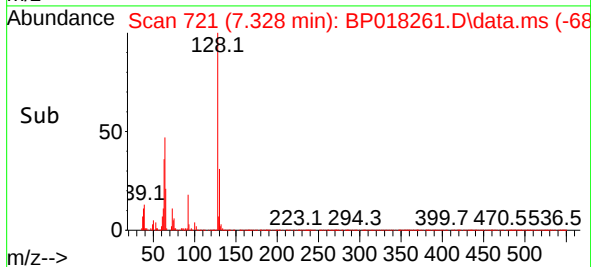
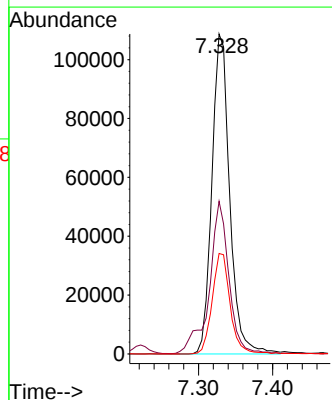
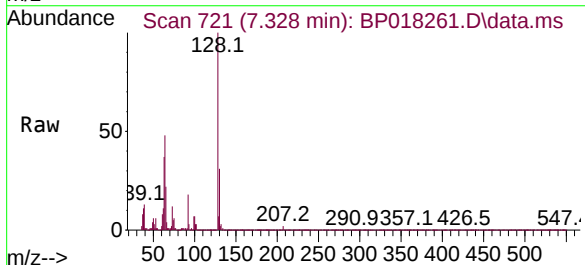
Ion	Ratio	Lower	Upper
93	100		
63	70.7	57.8	86.6
95	32.9	25.5	38.3

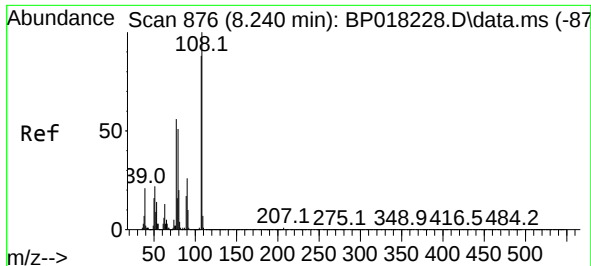


#12
 2-Chlorophenol
 Concen: 27.634 ng/ul
 RT: 7.328 min Scan# 721
 Delta R.T. -0.012 min
 Lab File: BP018261.D
 Acq: 18 Nov 2023 14:56

Tgt Ion:128 Resp: 181333

Ion	Ratio	Lower	Upper
128	100		
64	47.7	39.2	58.8
130	31.4	26.6	40.0





#13

2-Methylphenol

Concen: 25.909 ng/ul

RT: 8.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

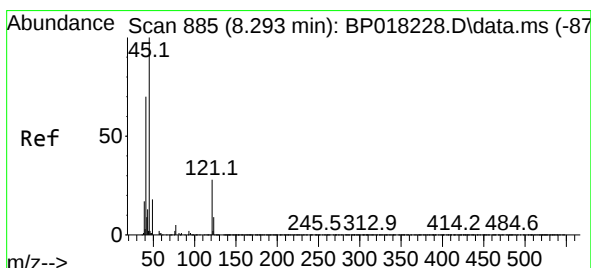
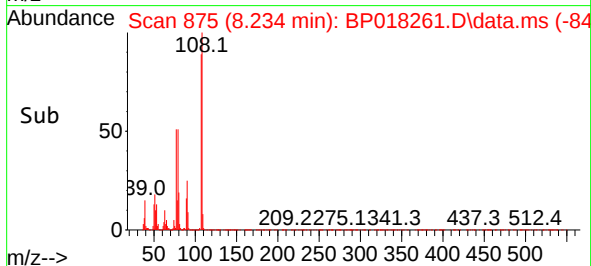
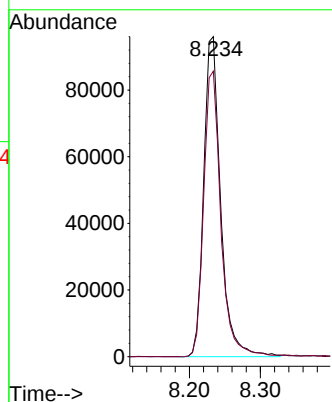
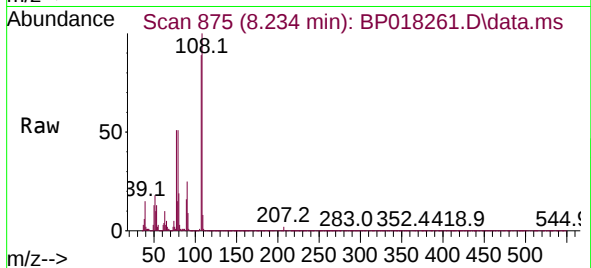
ClientSampleId :

Tgt Ion:108 Resp: 159380

Ion Ratio Lower Upper

108 100

107 89.2 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.477 ng/ul

RT: 8.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

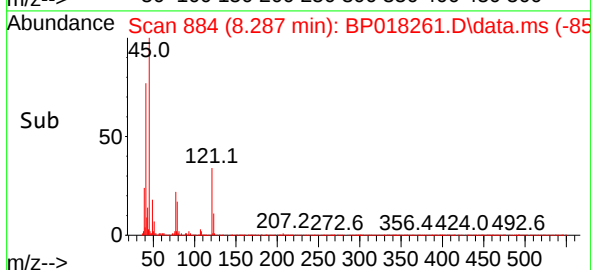
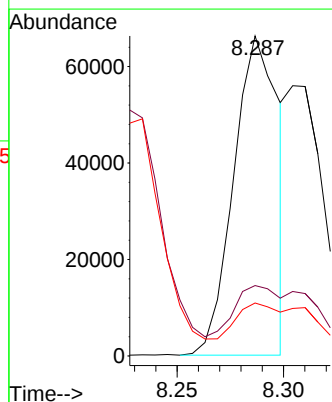
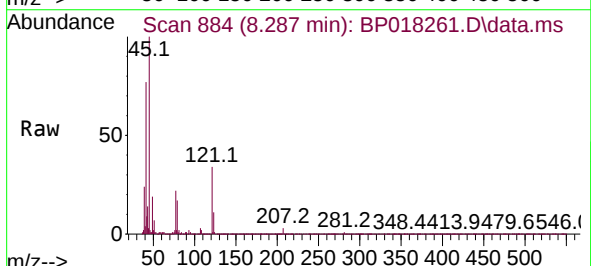
Tgt Ion: 45 Resp: 97202

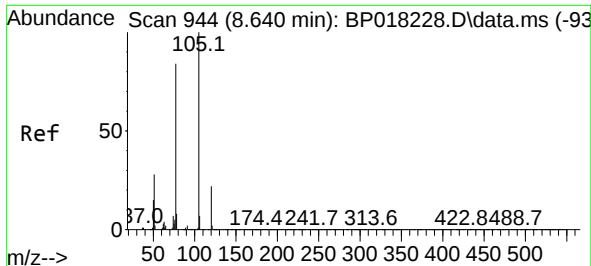
Ion Ratio Lower Upper

45 100

77 22.0 16.1 24.1

79 16.6 11.1 16.7

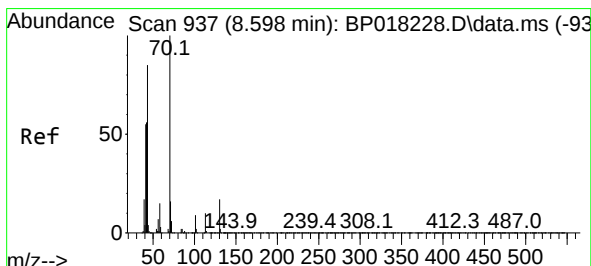
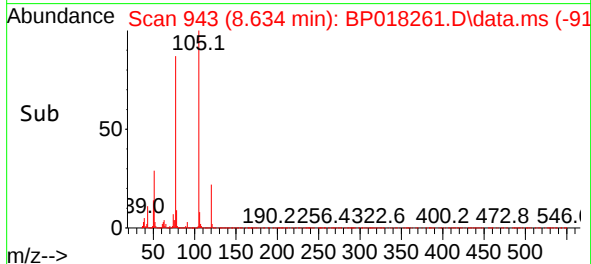
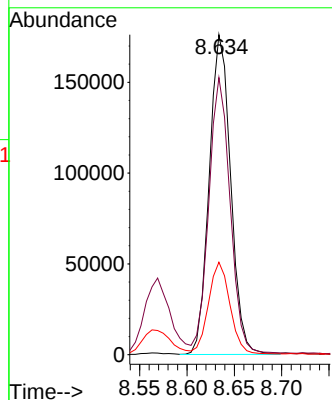
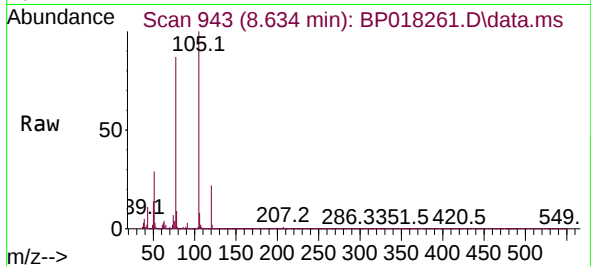




#16
Acetophenone
Concen: 25.882 ng/ul
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

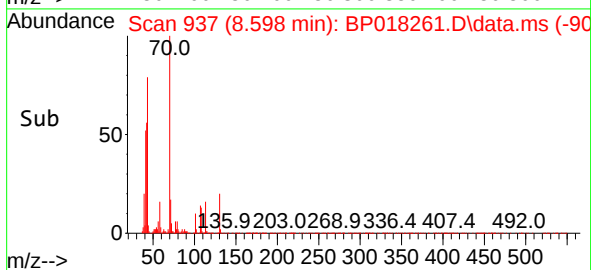
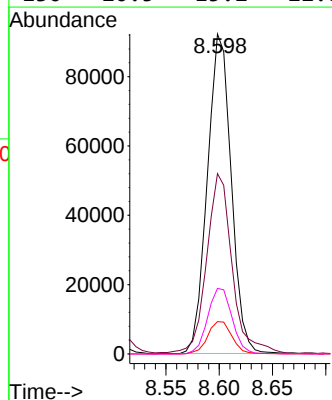
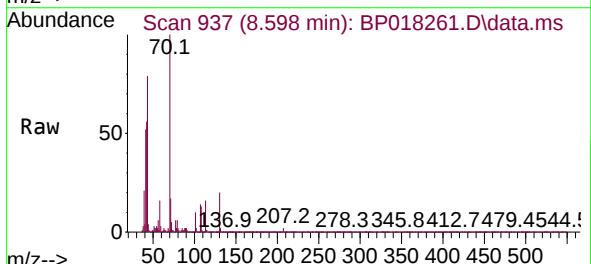
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ClientSampleId :

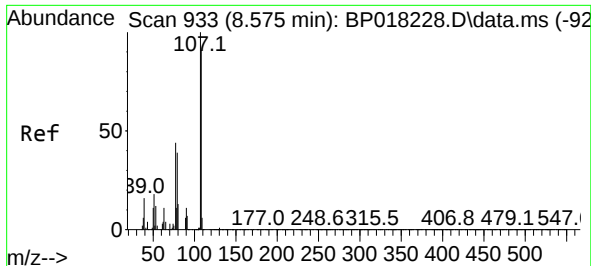
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Ion Ratio Lower Upper
105 100
77 86.6 70.1 105.1
51 28.9 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 24.470 ng/ul
RT: 8.598 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

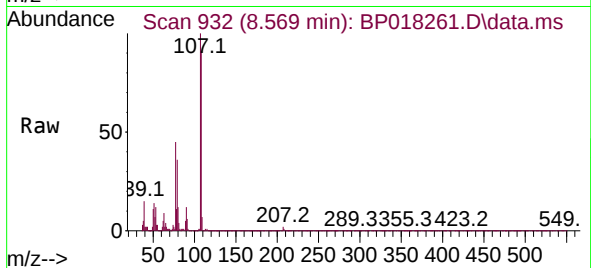
Tgt Ion: 70 Resp: 143620
Ion Ratio Lower Upper
70 100
42 56.3 43.7 65.5
101 10.1 8.2 12.4
130 20.5 15.2 22.8



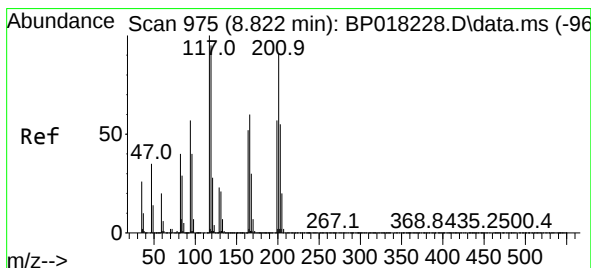
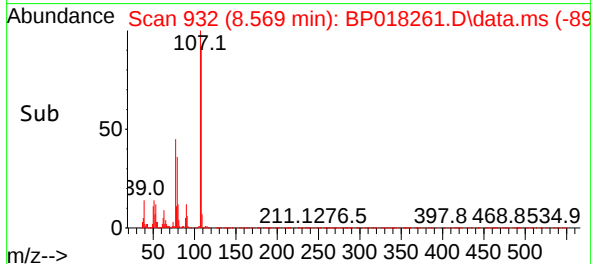
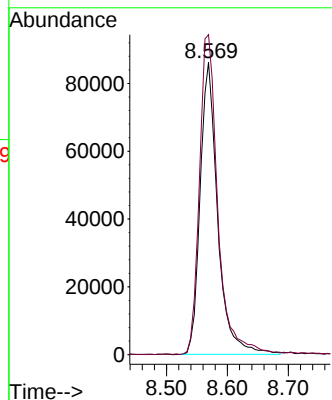


#18
4-Methylphenol
Concen: 25.694 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Instrument :
BNA_M
ClientSampleId :

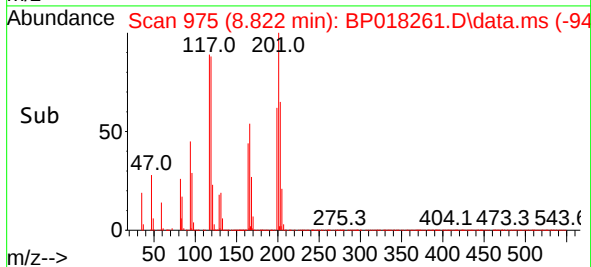
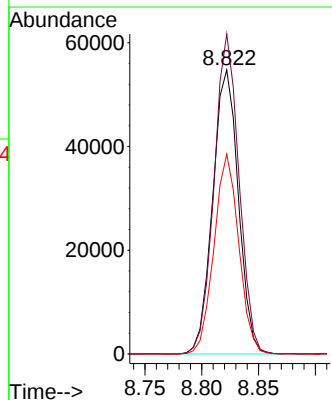
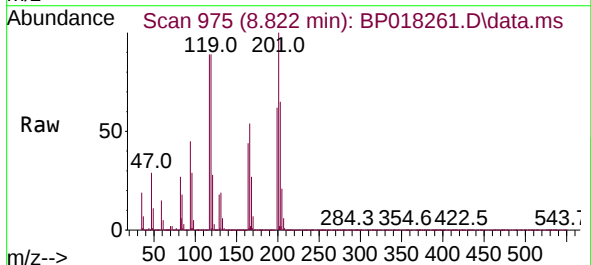


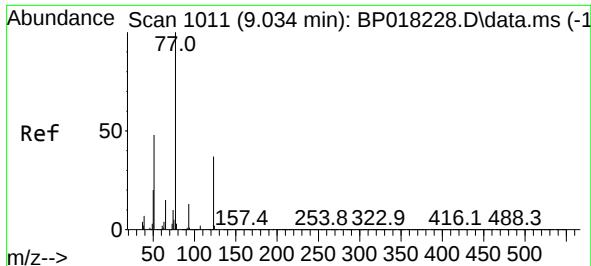
Tgt Ion:108 Resp: 172379
Ion Ratio Lower Upper
108 100
107 109.5 88.2 132.4



#19
Hexachloroethane
Concen: 27.359 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:117 Resp: 85896
Ion Ratio Lower Upper
117 100
201 112.6 84.8 127.2
199 70.3 49.0 73.4

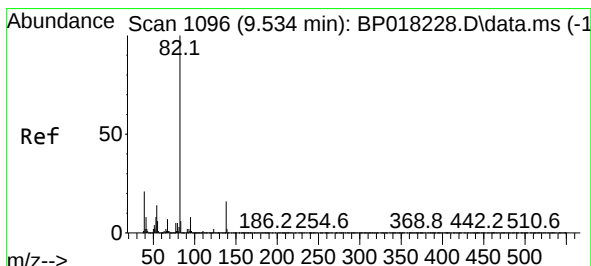
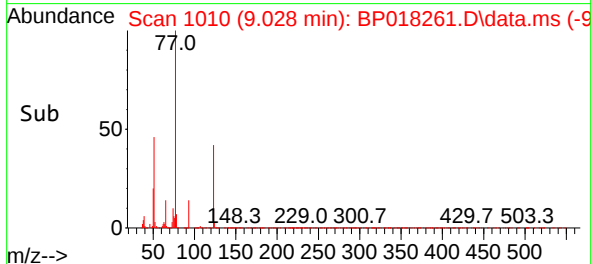
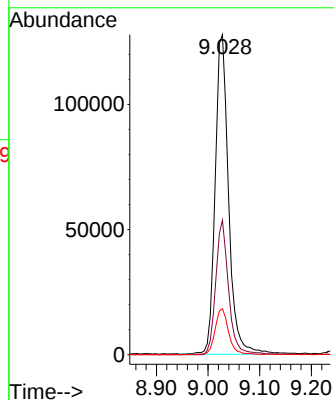
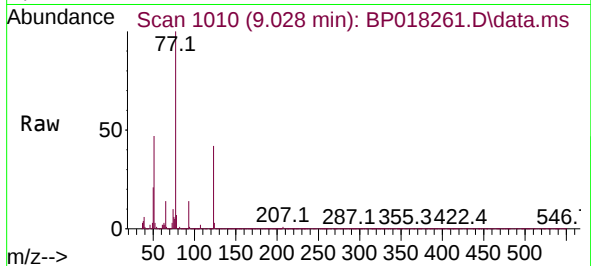




#22
Nitrobenzene
Concen: 28.458 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

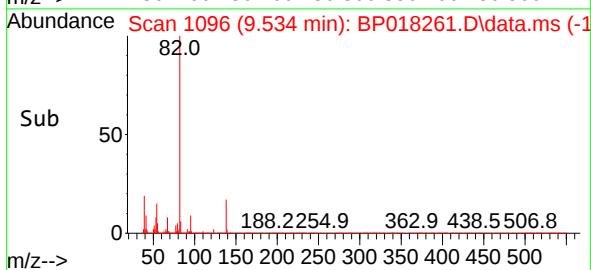
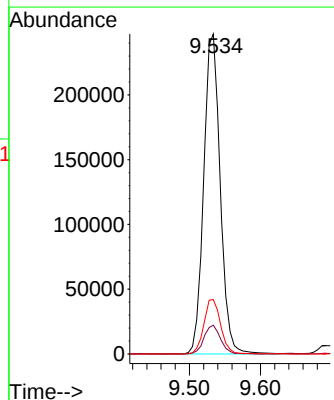
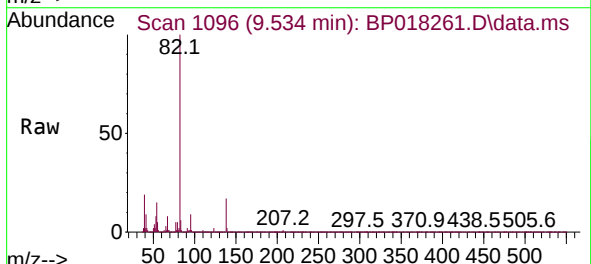
Instrument :
BNA_M
ClientSampleId :

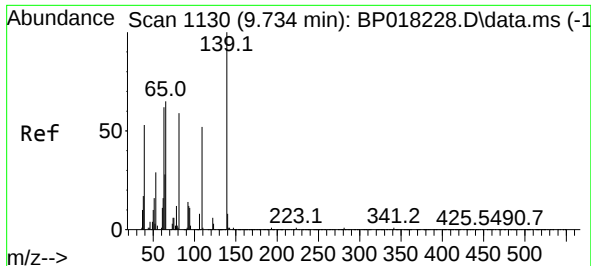
Tgt Ion: 77 Resp: 231034
Ion Ratio Lower Upper
77 100
123 42.1 27.8 41.8#
65 14.3 11.5 17.3



#23
Isophorone
Concen: 26.937 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

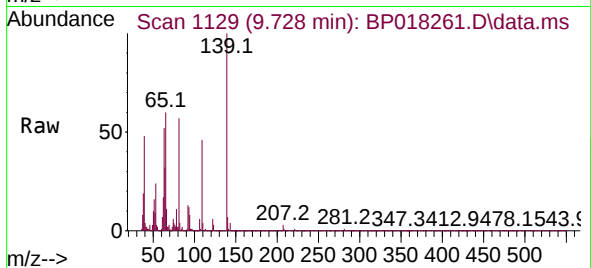
Tgt Ion: 82 Resp: 399057
Ion Ratio Lower Upper
82 100
95 9.0 6.6 9.8
138 17.0 13.1 19.7



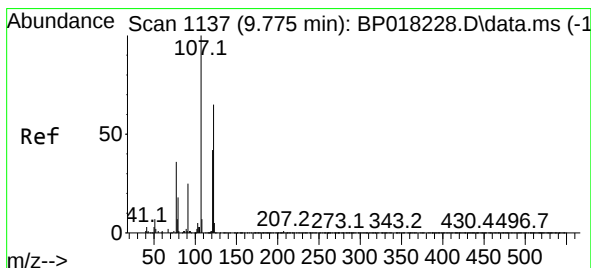
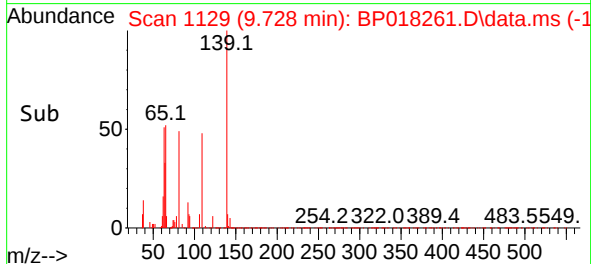
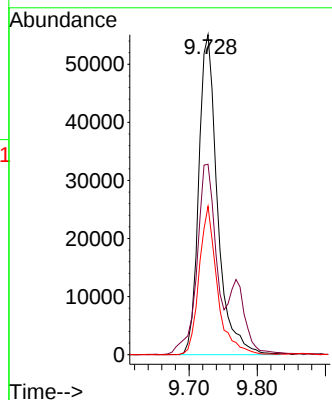


#25
2-Nitrophenol
Concen: 30.101 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Instrument :
BNA_M
ClientSampleId :

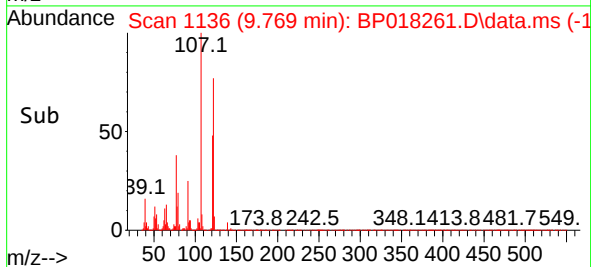
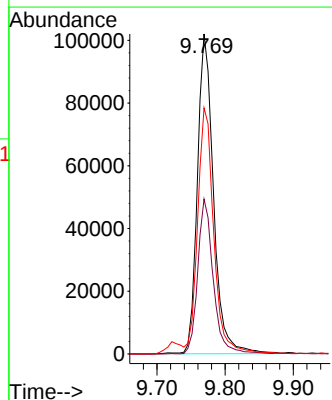
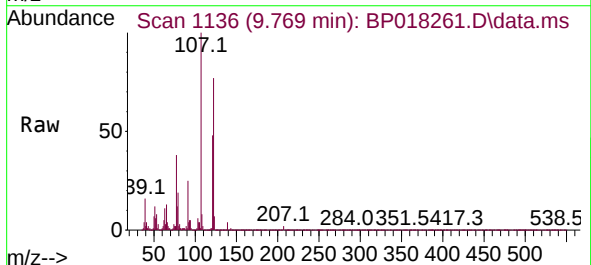


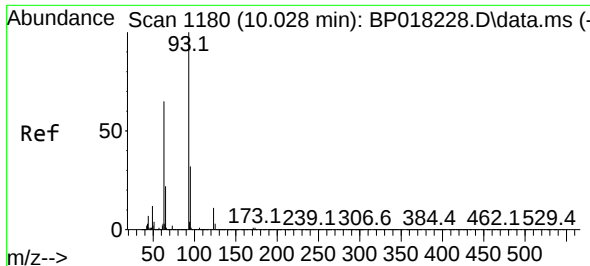
Tgt Ion:139 Resp: 105364
Ion Ratio Lower Upper
139 100
65 59.5 51.4 77.0
109 46.3 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 22.517 ng/ul
RT: 9.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:107 Resp: 167663
Ion Ratio Lower Upper
107 100
121 48.4 37.8 56.8
122 76.9 62.1 93.1

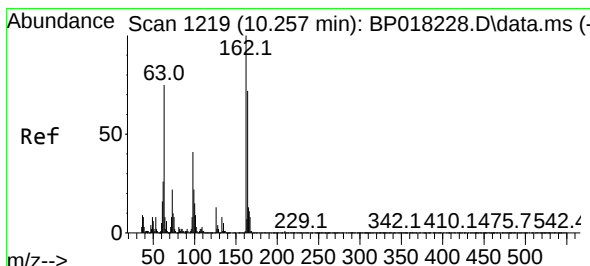
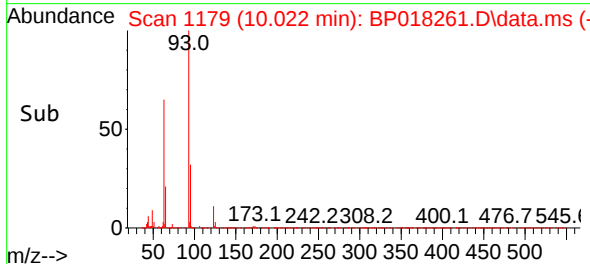
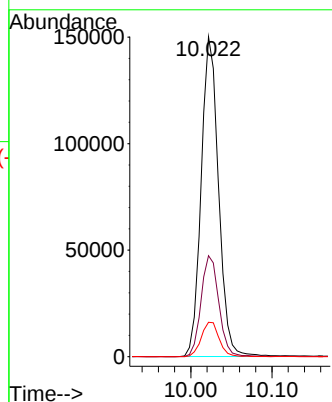
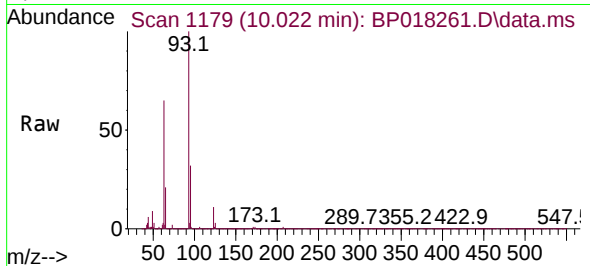




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.626 ng/ul
 RT: 10.022 min Scan# 1180
 Delta R.T. -0.012 min
 Lab File: BP018261.D
 Acq: 18 Nov 2023 14:56

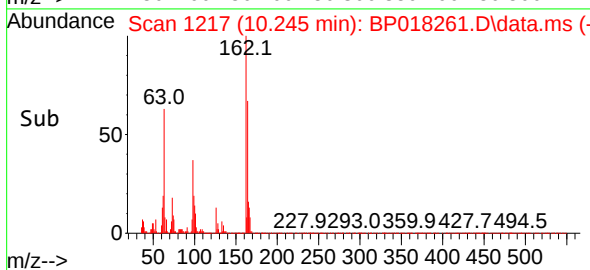
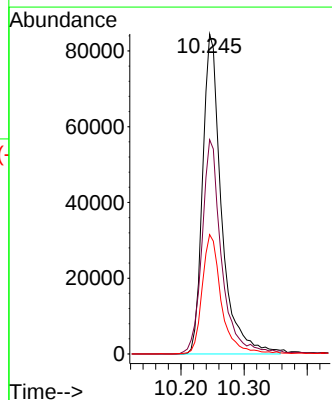
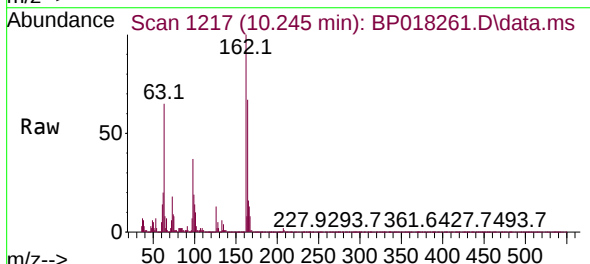
Instrument :
 BNA_M
 ClientSampleId :

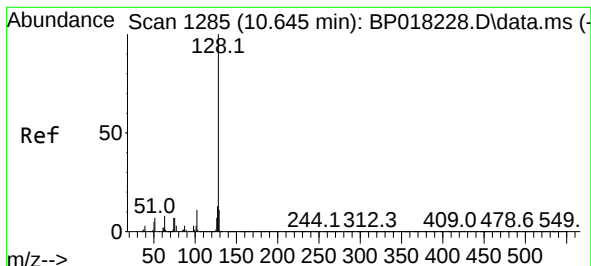
Tgt Ion: 93 Resp: 223175
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.2 39.2
 123 10.8 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 30.222 ng/ul
 RT: 10.245 min Scan# 1217
 Delta R.T. -0.012 min
 Lab File: BP018261.D
 Acq: 18 Nov 2023 14:56

Tgt Ion:162 Resp: 175208
 Ion Ratio Lower Upper
 162 100
 164 66.9 51.8 77.6
 98 37.3 28.7 43.1





#30

Naphthalene

Concen: 28.535 ng/ul

RT: 10.639 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

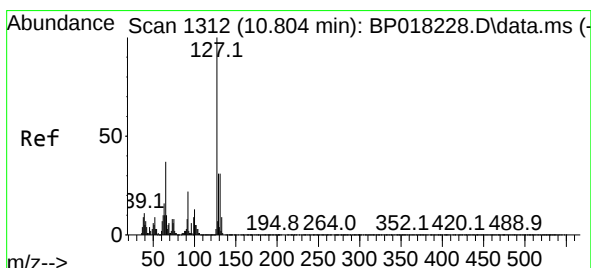
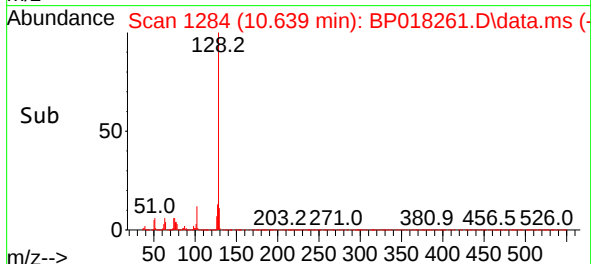
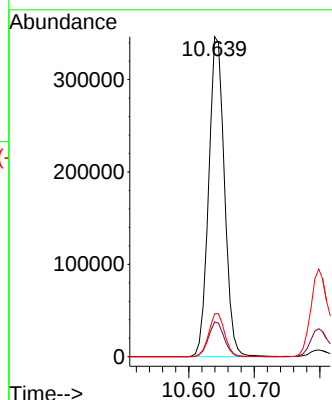
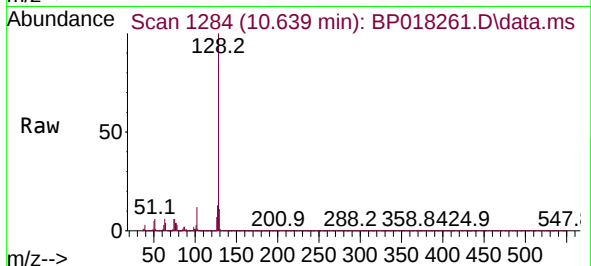
Tgt Ion:128 Resp: 579137

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.4 10.3 15.5



#32

4-Chloroaniline

Concen: 24.781 ng/ul

RT: 10.798 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BP018261.D

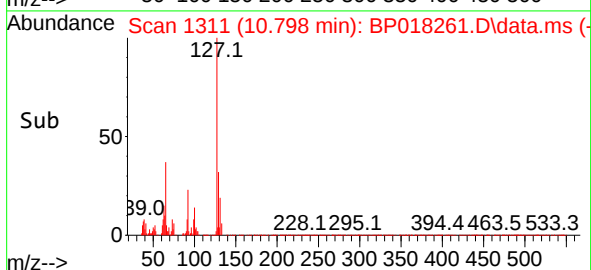
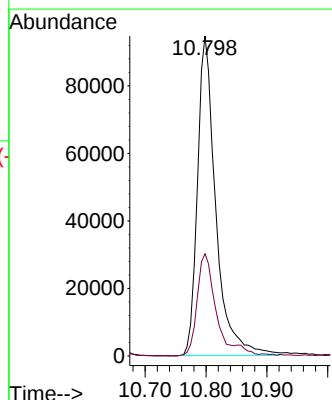
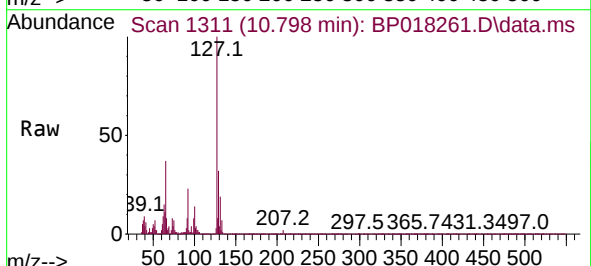
Acq: 18 Nov 2023 14:56

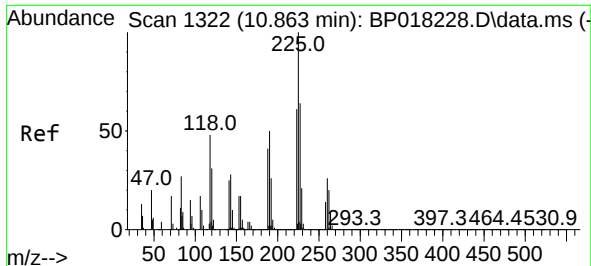
Tgt Ion:127 Resp: 197621

Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

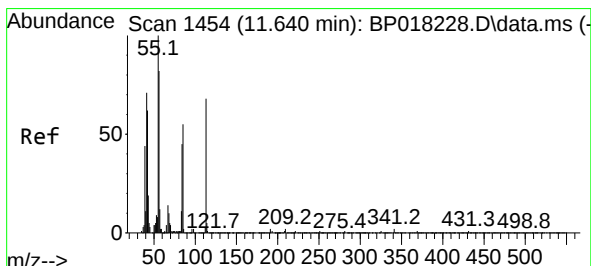
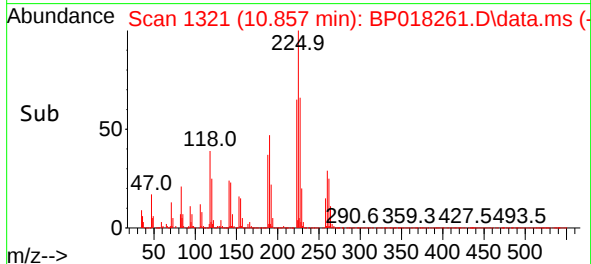
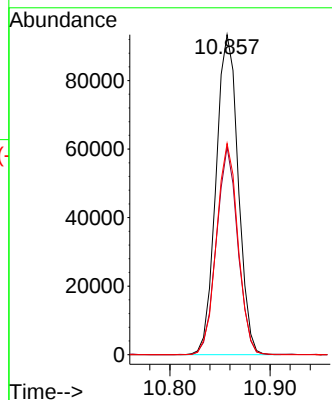
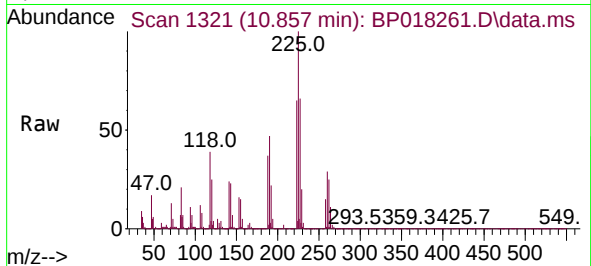




#33
Hexachlorobutadiene
Concen: 33.650 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

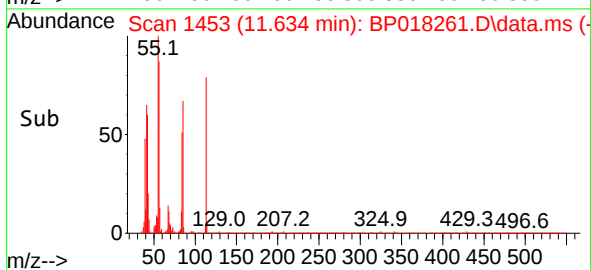
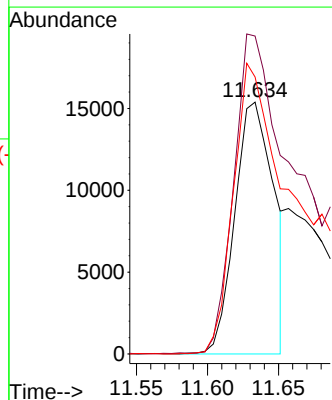
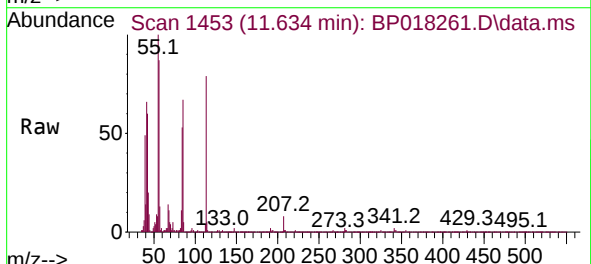
Instrument :
BNA_M
ClientSampleId :

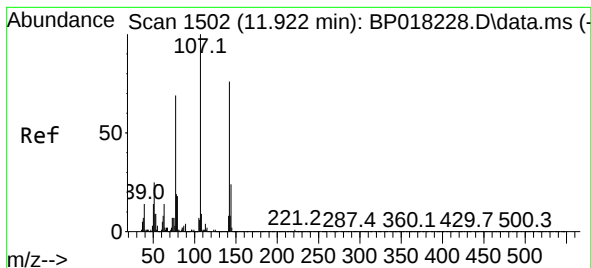
Tgt Ion:225 Resp: 143214
Ion Ratio Lower Upper
225 100
223 64.9 52.5 78.7
227 66.0 51.9 77.9



#34
Caprolactam
Concen: 15.158 ng/ul
RT: 11.634 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:113 Resp: 29193
Ion Ratio Lower Upper
113 100
55 126.3 118.3 177.5
56 110.0 95.6 143.4

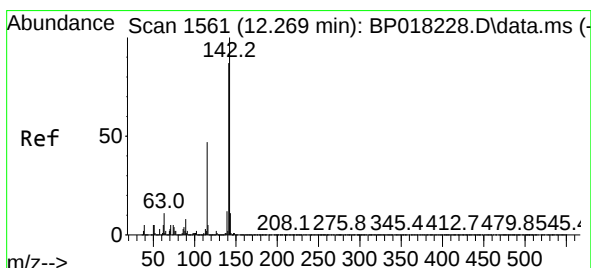
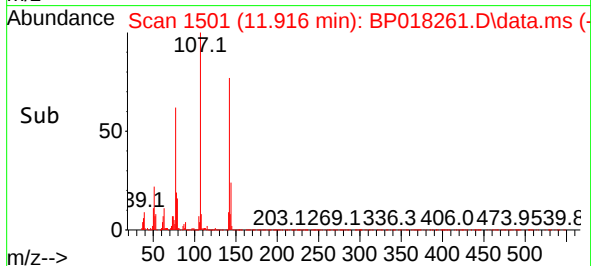
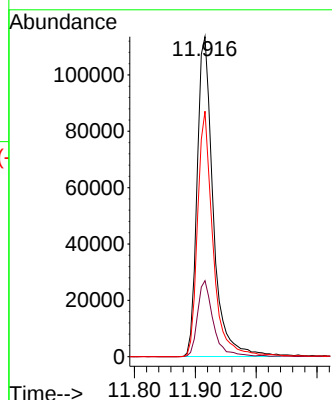
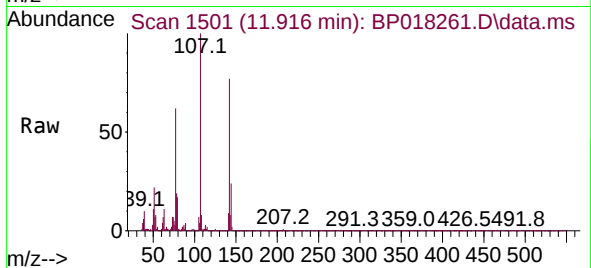




#35
4-Chloro-3-methylphenol
Concen: 29.819 ng/ul
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

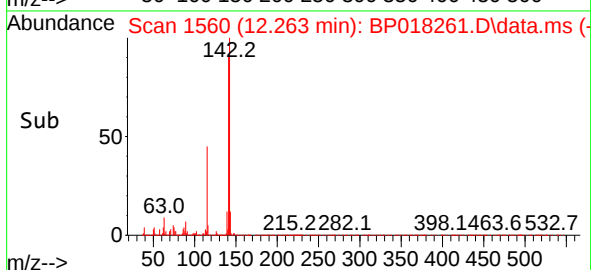
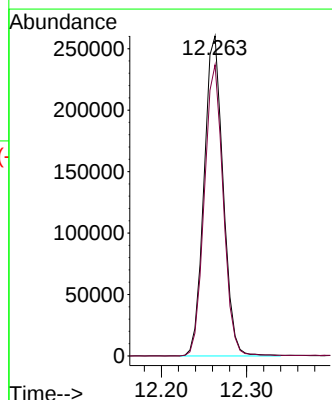
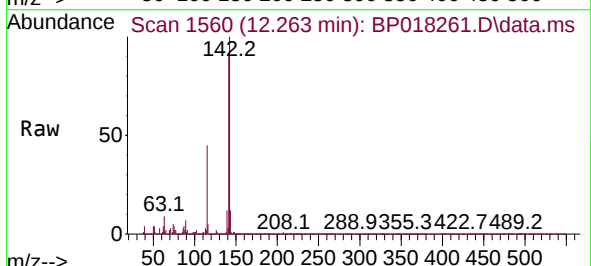
Instrument :
BNA_M
ClientSampleId :

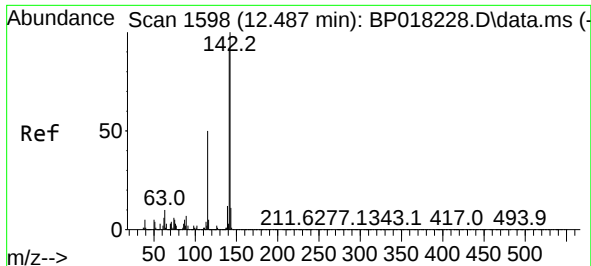
Tgt Ion:107 Resp: 207976
Ion Ratio Lower Upper
107 100
144 23.7 19.1 28.7
142 76.7 54.8 82.2



#36
2-Methylnaphthalene
Concen: 29.034 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:142 Resp: 404541
Ion Ratio Lower Upper
142 100
141 91.0 71.7 107.5





#37

1-Methylnaphthalene

Concen: 28.013 ng/ul

RT: 12.481 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

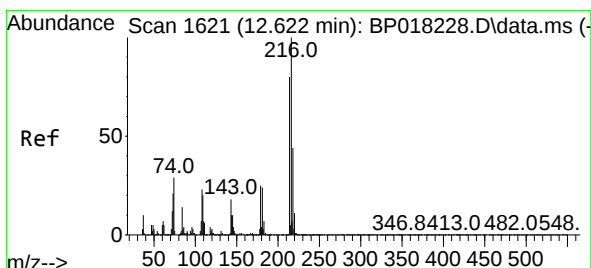
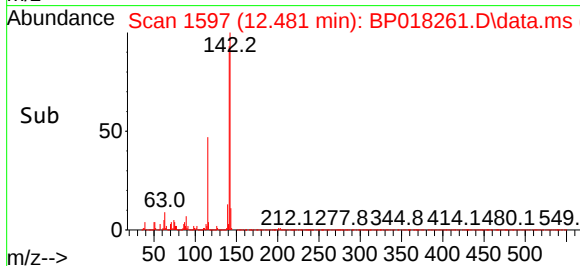
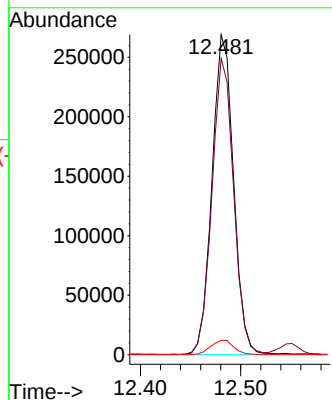
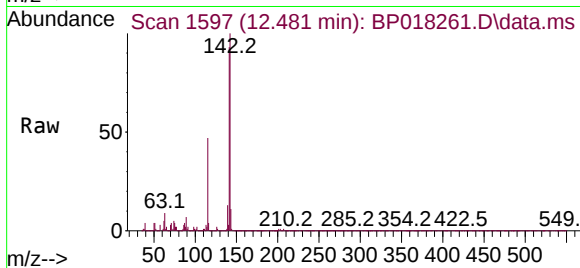
Tgt Ion:142 Resp: 401089

Ion Ratio Lower Upper

142 100

141 92.6 72.8 109.2

116 4.5 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.910 ng/ul

RT: 12.616 min Scan# 1620

Delta R.T. -0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Tgt Ion:216 Resp: 248992

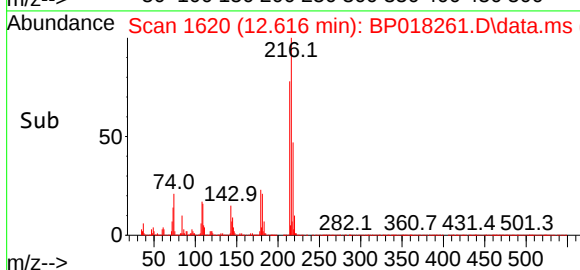
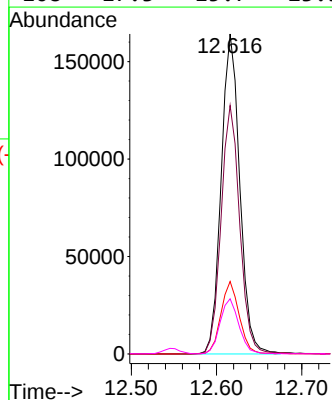
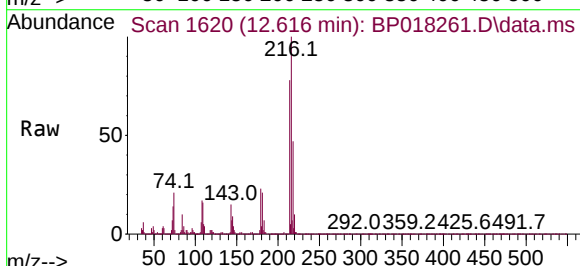
Ion Ratio Lower Upper

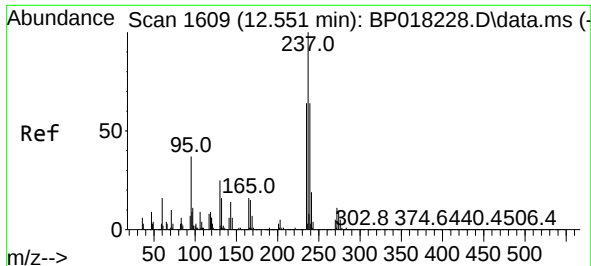
216 100

214 77.7 64.8 97.2

179 22.7 18.3 27.5

108 17.3 15.7 23.5

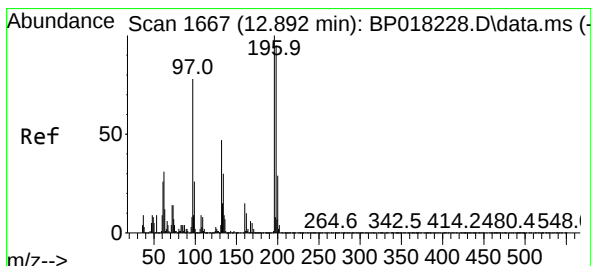
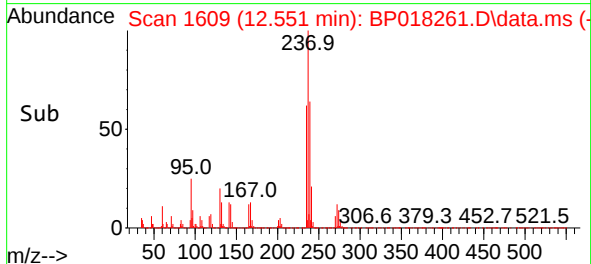
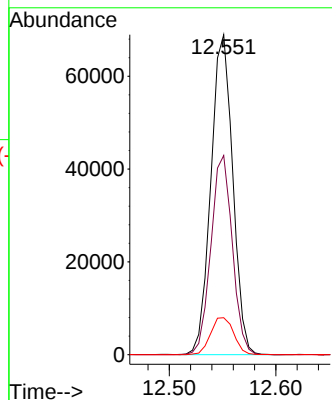
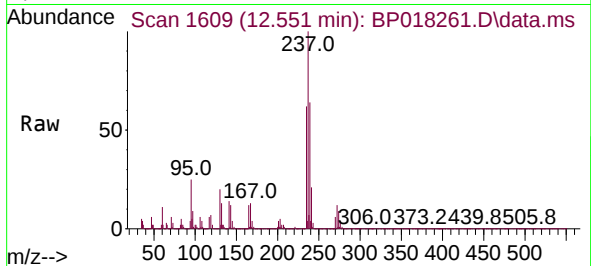




#40
Hexachlorocyclopentadiene
Concen: 26.853 ng/ul
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

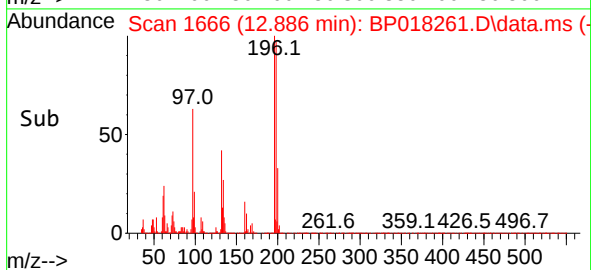
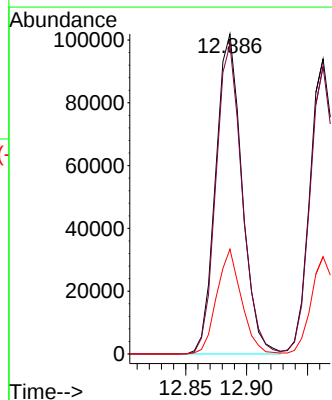
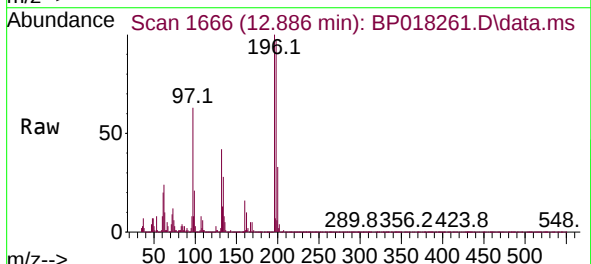
Instrument :
BNA_M
ClientSampleId :

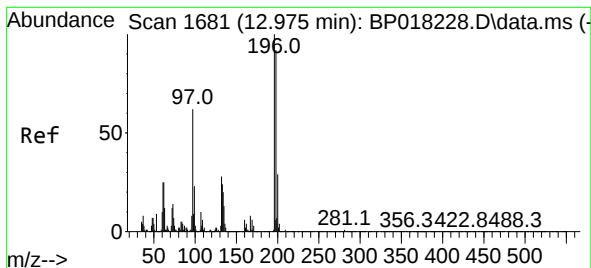
Tgt Ion:237	Resp:	98066
Ion Ratio	Lower	Upper
237	100	
235	62.3	49.9 74.9
272	11.6	8.9 13.3



#41
2,4,6-Trichlorophenol
Concen: 30.879 ng/ul
RT: 12.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:196	Resp:	153262
Ion Ratio	Lower	Upper
196	100	
198	96.7	78.9 118.3
200	32.8	25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 31.736 ng/ul

RT: 12.963 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

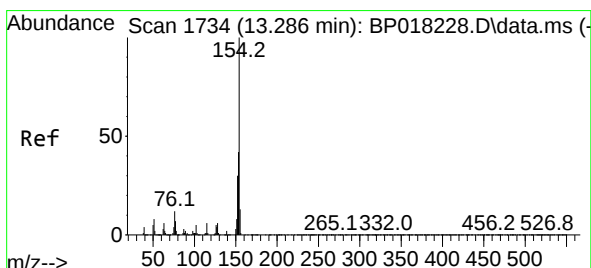
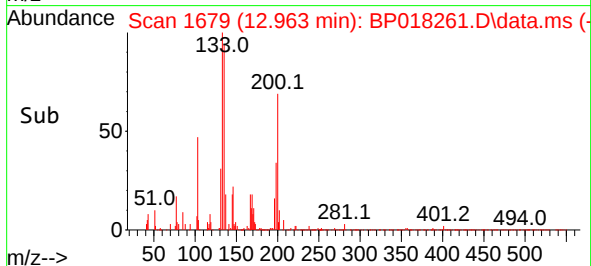
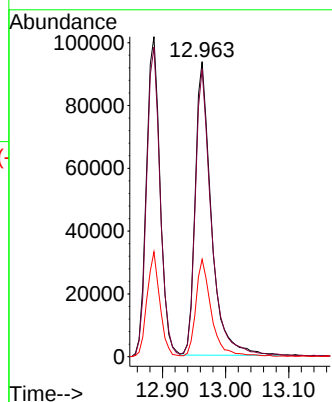
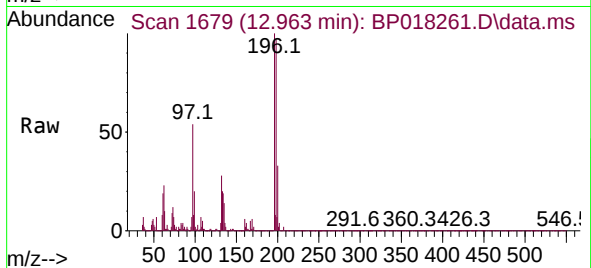
Tgt Ion:196 Resp: 165771

Ion Ratio Lower Upper

196 100

198 97.5 78.9 118.3

200 33.0 26.6 40.0



#43

1,1'-Biphenyl

Concen: 28.824 ng/ul

RT: 13.280 min Scan# 1733

Delta R.T. -0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

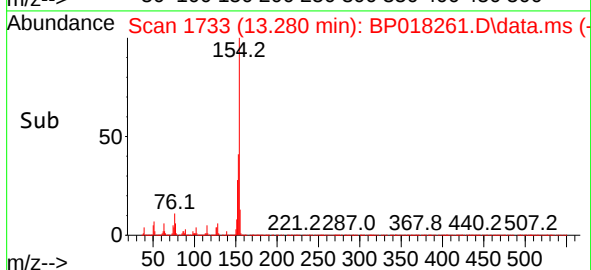
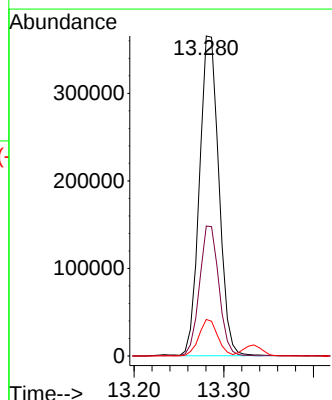
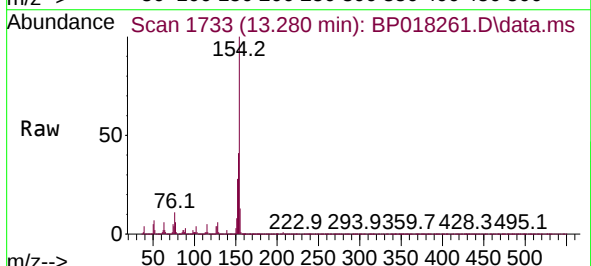
Tgt Ion:154 Resp: 548942

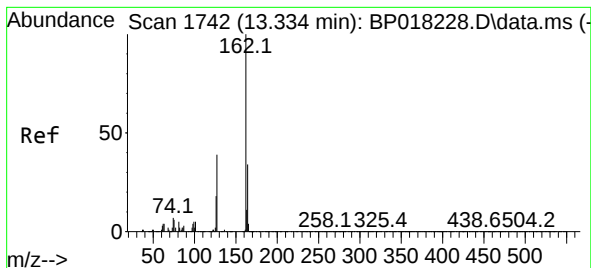
Ion Ratio Lower Upper

154 100

153 40.6 32.4 48.6

76 11.4 9.8 14.8





#44

2-Chloronaphthalene

Concen: 29.268 ng/ul

RT: 13.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

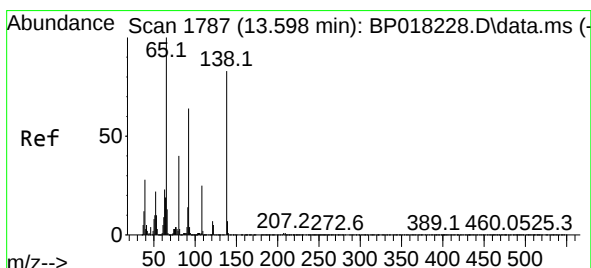
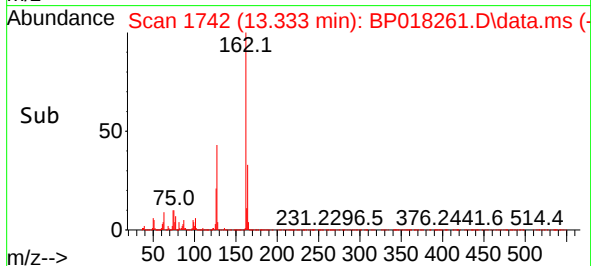
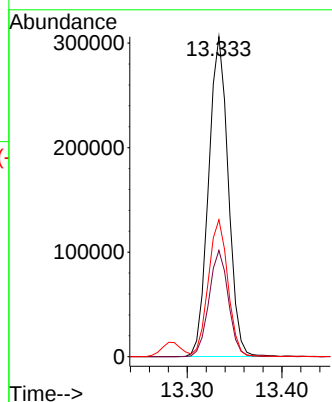
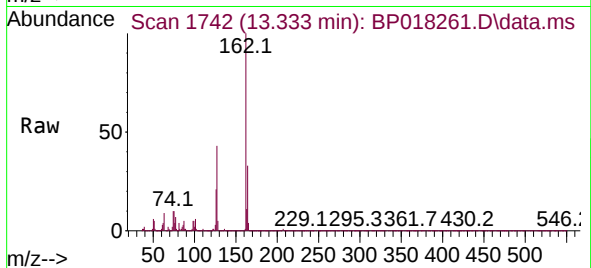
Tgt Ion:162 Resp: 442532

Ion Ratio Lower Upper

162 100

164 33.2 26.9 40.3

127 42.8 35.4 53.2



#45

2-Nitroaniline

Concen: 29.203 ng/ul

RT: 13.592 min Scan# 1786

Delta R.T. -0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

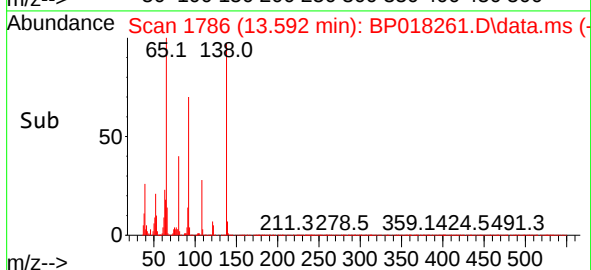
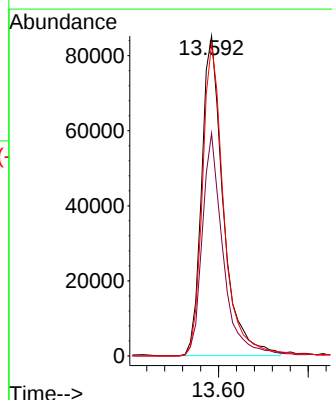
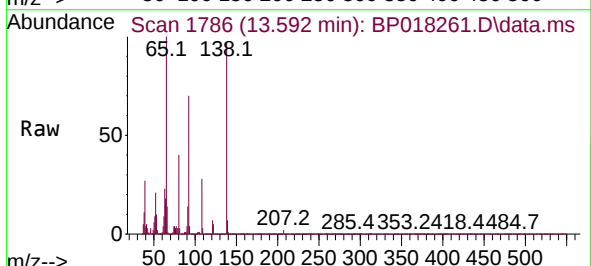
Tgt Ion: 65 Resp: 142488

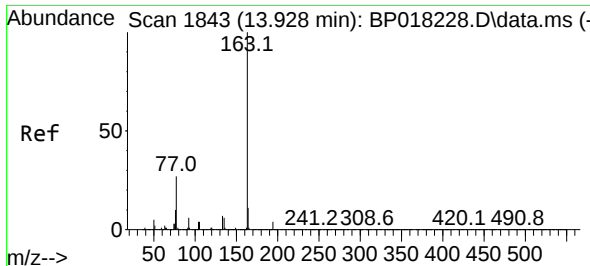
Ion Ratio Lower Upper

65 100

92 69.6 53.8 80.6

138 97.5 75.1 112.7

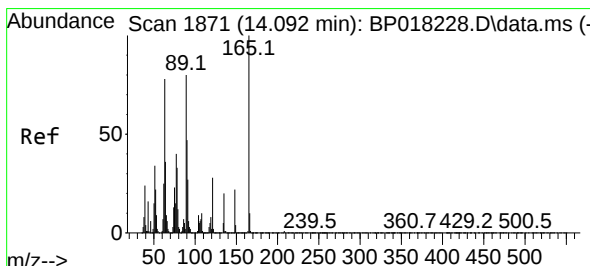
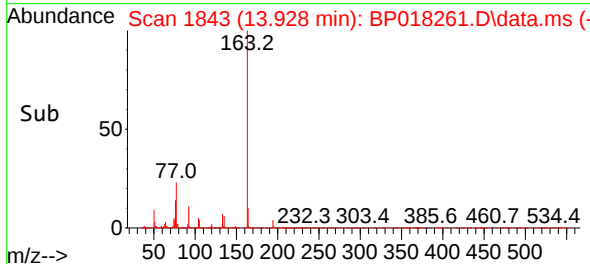
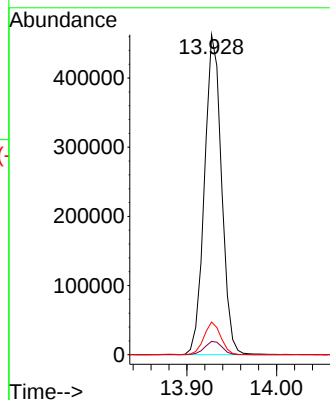
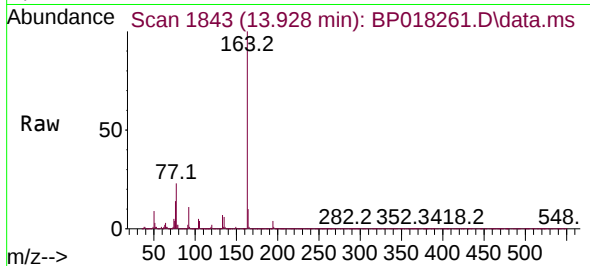




#47
Dimethylphthalate
Concen: 30.117 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

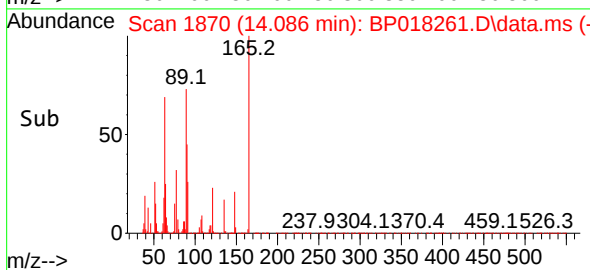
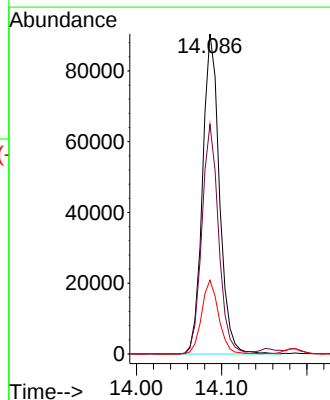
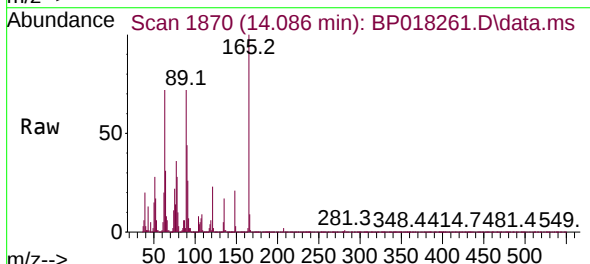
Instrument :
BNA_M
ClientSampleId :

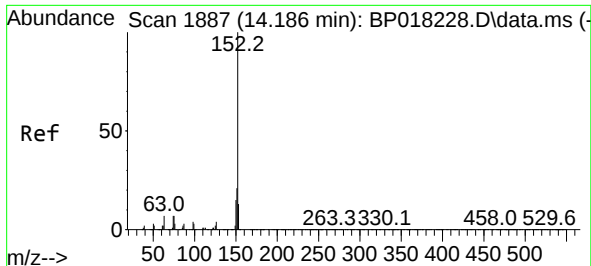
Tgt Ion:163 Resp: 610501
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 30.923 ng/ul
RT: 14.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:165 Resp: 124592
Ion Ratio Lower Upper
165 100
89 71.7 59.4 89.0
121 23.0 18.2 27.4

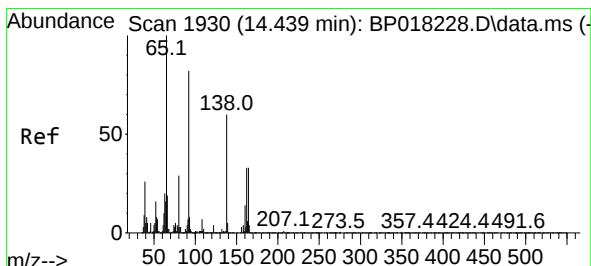
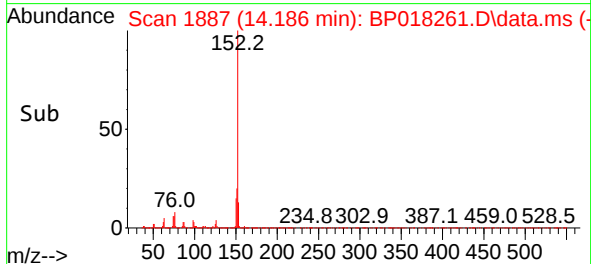
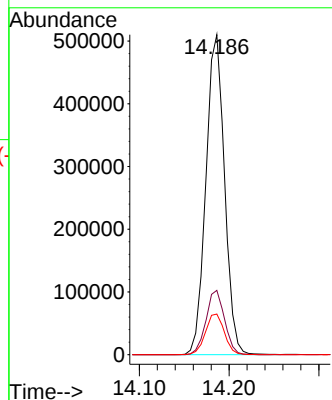
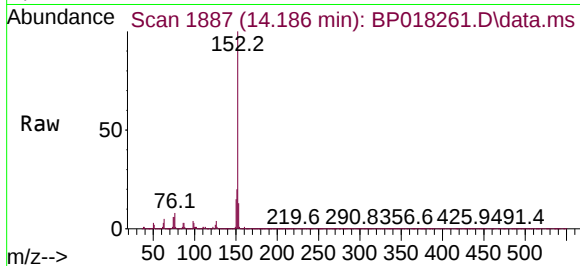




#50
Acenaphthylene
Concen: 28.931 ng/ul
RT: 14.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

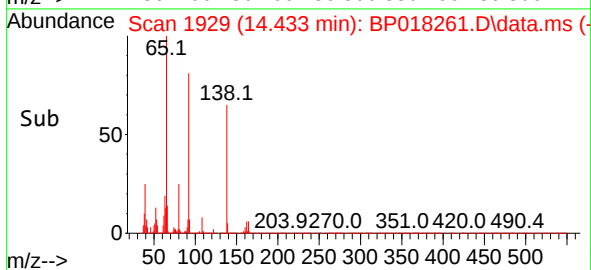
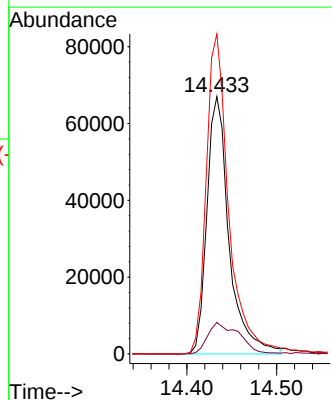
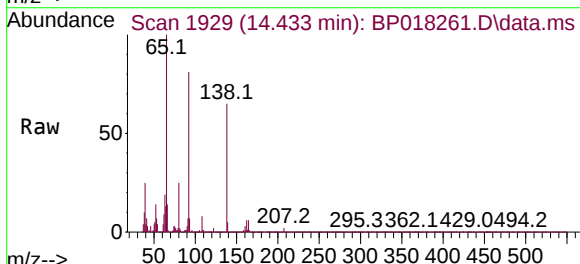
Instrument :
BNA_M
ClientSampleId :

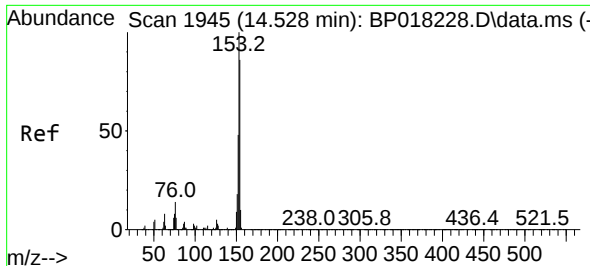
Tgt Ion:152 Resp: 735177
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.7 10.4 15.6



#51
3-Nitroaniline
Concen: 30.721 ng/ul
RT: 14.433 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:138 Resp: 114857
Ion Ratio Lower Upper
138 100
108 12.3 8.3 12.5
92 124.4 99.0 148.4

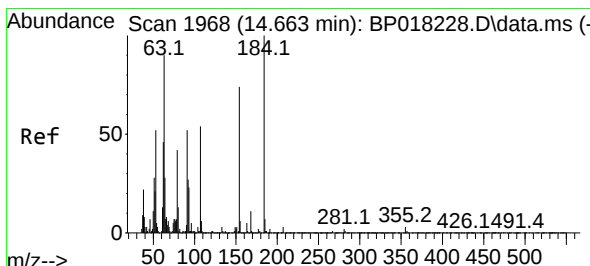
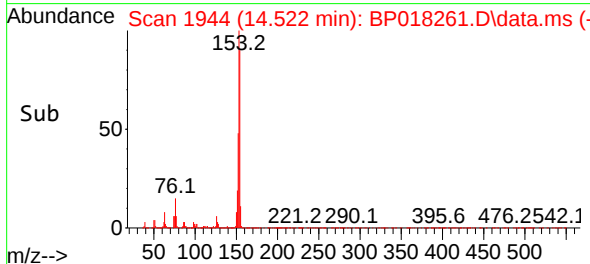
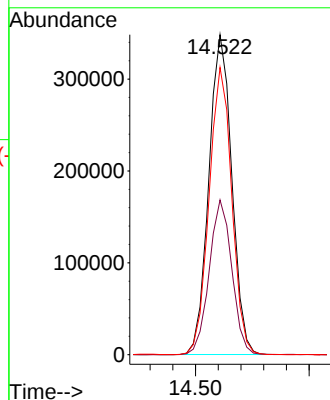
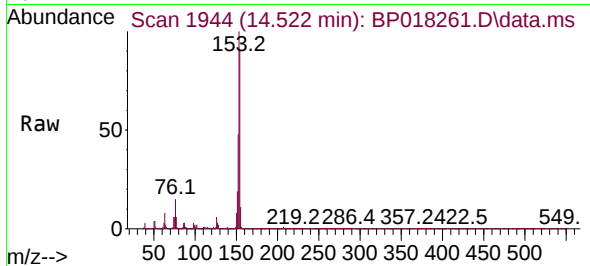




#52
Acenaphthene
Concen: 29.025 ng/ul
RT: 14.522 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

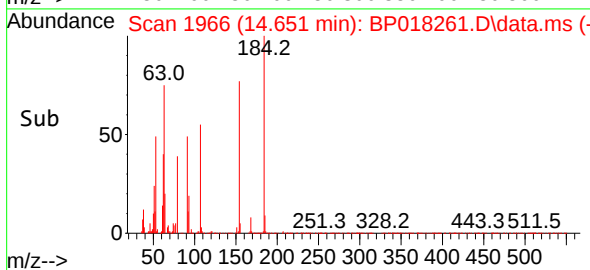
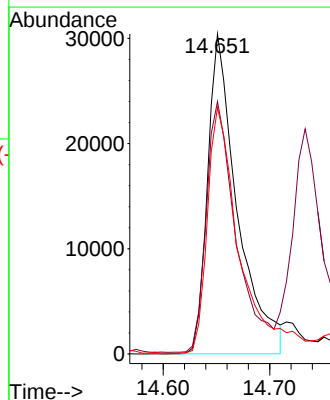
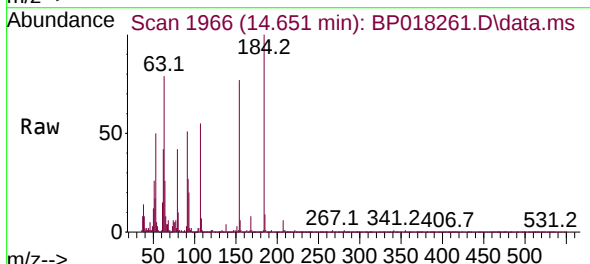
Instrument :
BNA_M
ClientSampleId :

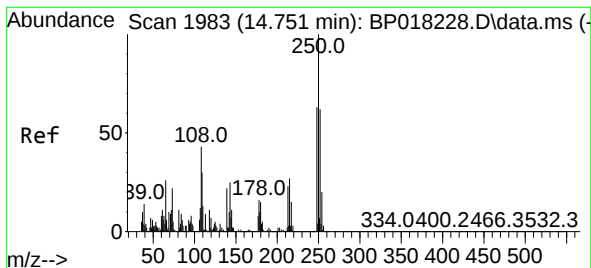
Tgt Ion:153 Resp: 489086
Ion Ratio Lower Upper
153 100
152 48.4 39.0 58.6
154 89.7 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 26.777 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.024 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:184 Resp: 58856
Ion Ratio Lower Upper
184 100
63 78.9 67.7 101.5
154 77.0 60.2 90.4

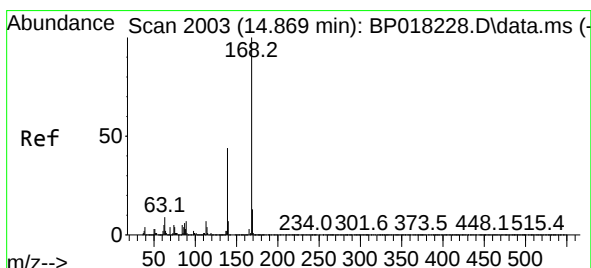
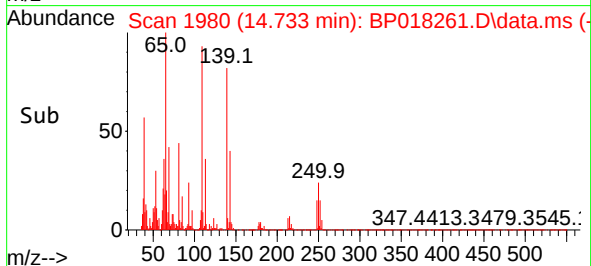
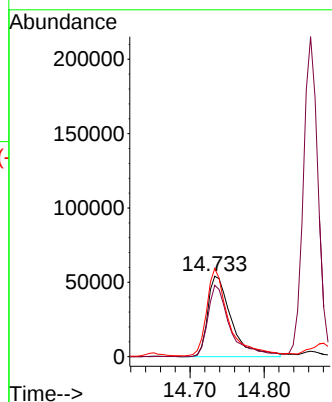
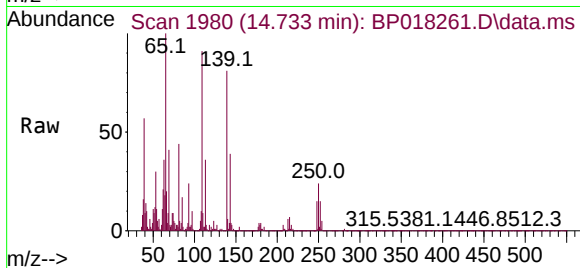




#55
4-Nitrophenol
Concen: 29.330 ng/ul
RT: 14.733 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

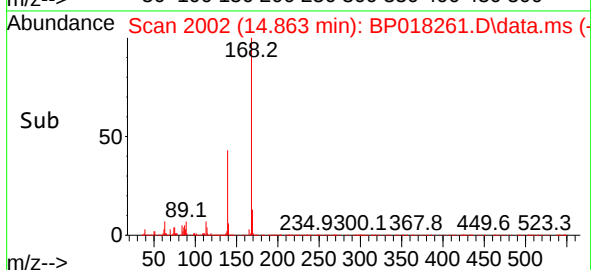
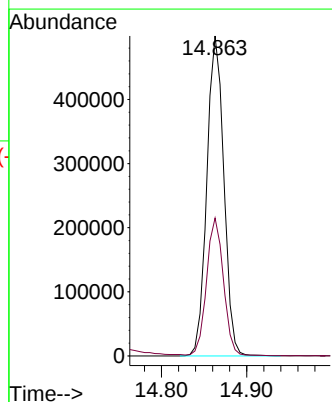
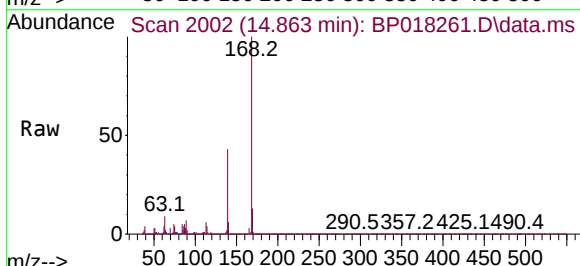
Instrument :
BNA_M
ClientSampleId :

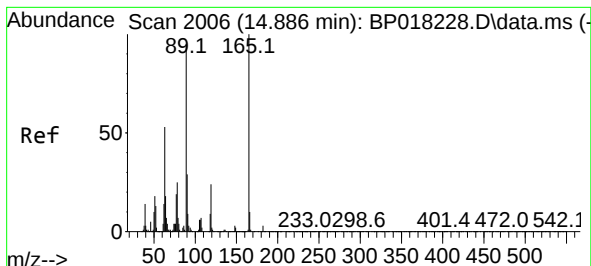
Tgt Ion:109 Resp: 120223
Ion Ratio Lower Upper
109 100
139 88.7 74.9 112.3
65 109.5 93.8 140.6



#56
Dibenzofuran
Concen: 29.935 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:168 Resp: 691254
Ion Ratio Lower Upper
168 100
139 43.1 34.0 51.0





#57

2,4-Dinitrotoluene

Concen: 32.085 ng/ul

RT: 14.880 min Scan# 2006

Delta R.T. -0.012 min

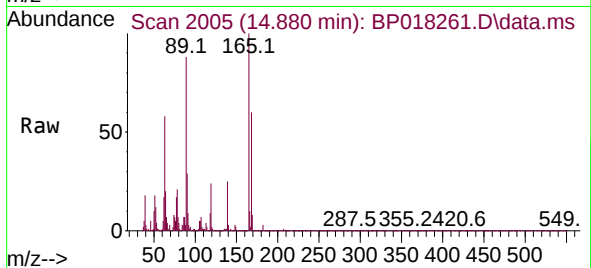
Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :



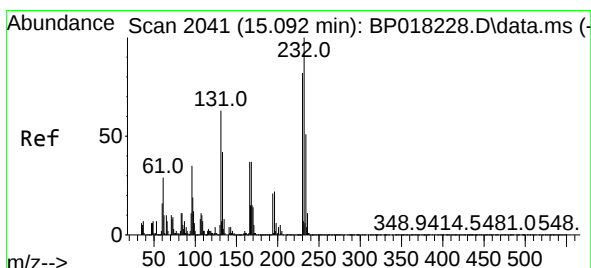
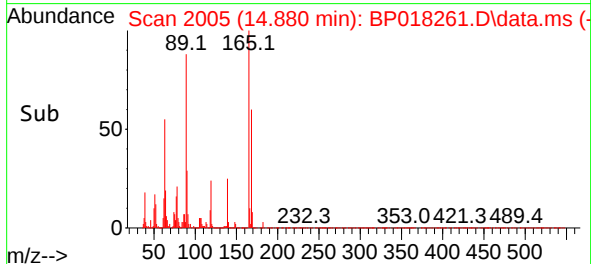
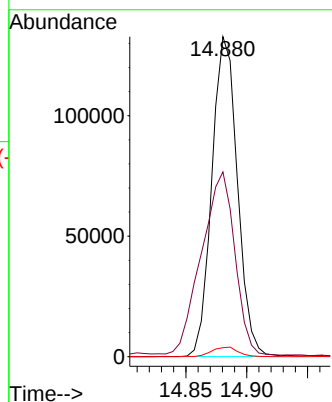
Tgt Ion:165 Resp: 193142

Ion Ratio Lower Upper

165 100

63 57.8 48.6 72.8

182 2.8 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.666 ng/ul

RT: 15.086 min Scan# 2040

Delta R.T. -0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Tgt Ion:232 Resp: 147140

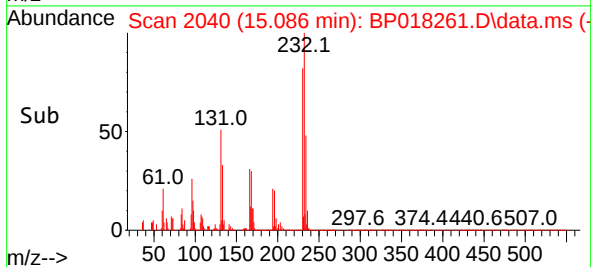
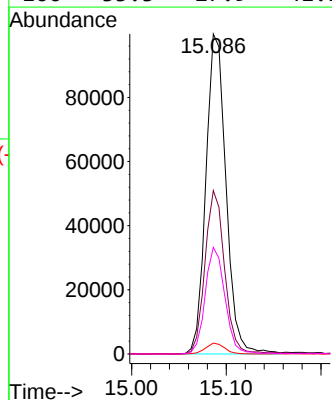
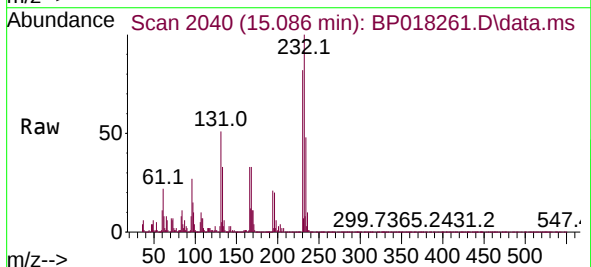
Ion Ratio Lower Upper

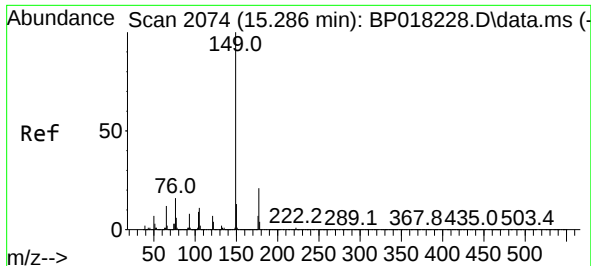
232 100

131 51.0 44.1 66.1

130 3.4 2.5 3.7

166 33.3 27.9 41.9

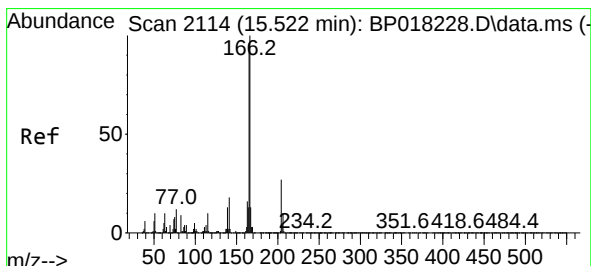
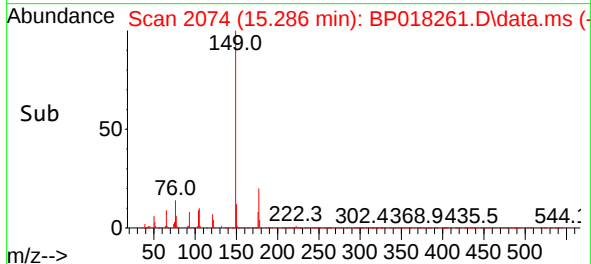
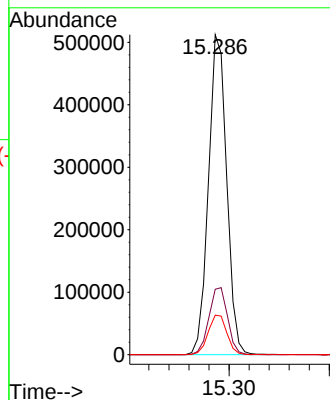
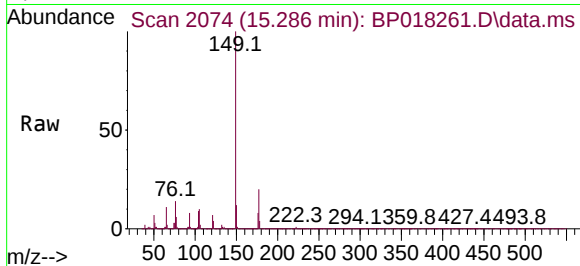




#59
Diethylphthalate
Concen: 30.528 ng/ul
RT: 15.286 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

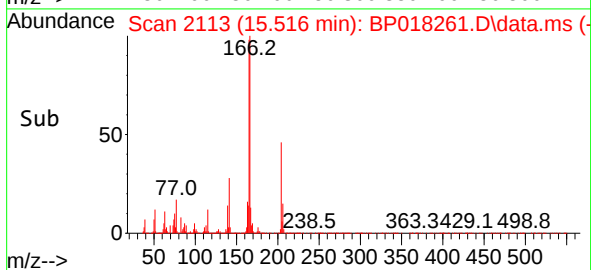
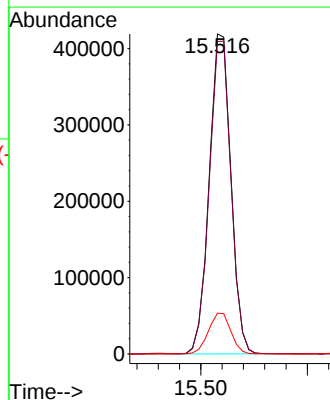
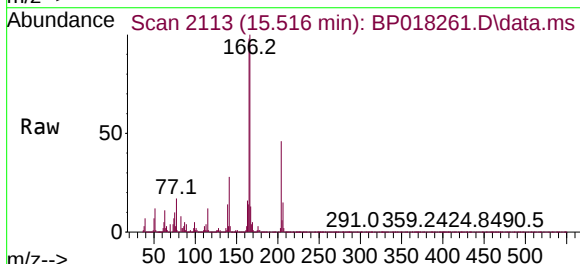
Instrument :
BNA_M
ClientSampleId :

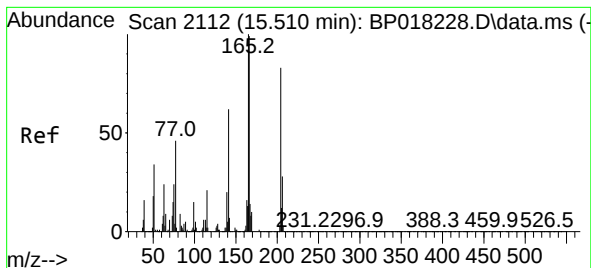
Tgt Ion:149 Resp: 646525
Ion Ratio Lower Upper
149 100
177 20.4 16.3 24.5
150 12.3 10.0 15.0



#61
Fluorene
Concen: 30.242 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:166 Resp: 592882
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 12.7 10.6 16.0

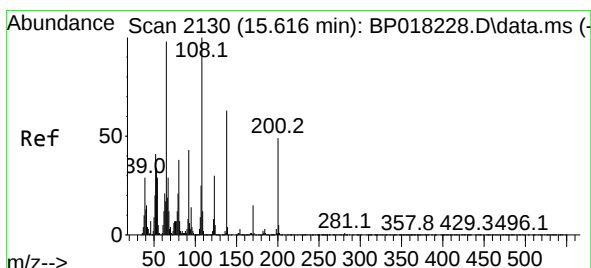
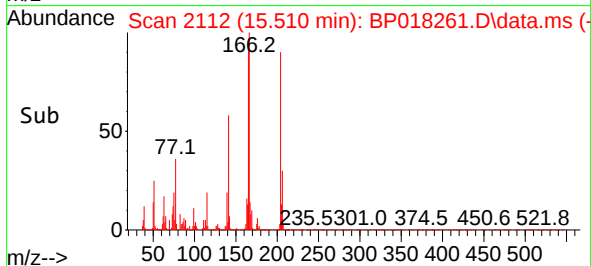
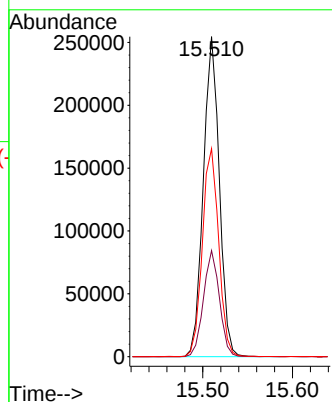
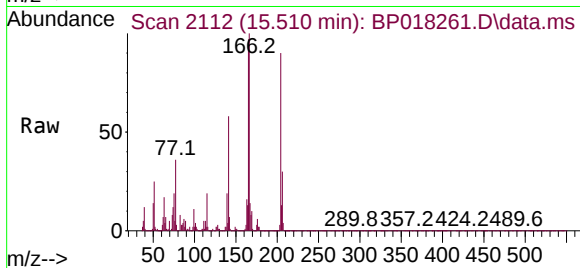




#62
4-Chlorophenyl-phenylether
Concen: 32.783 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

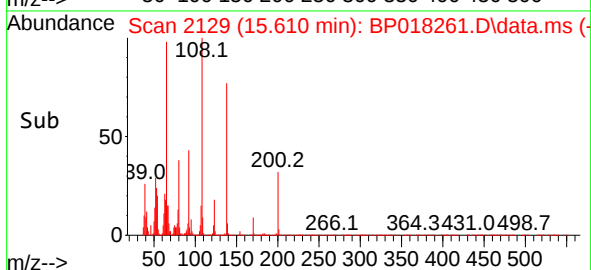
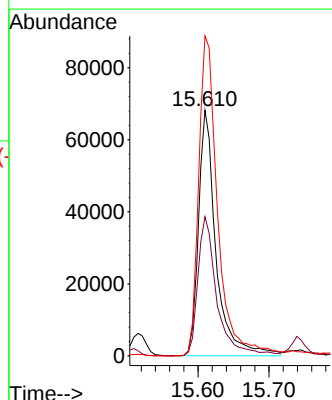
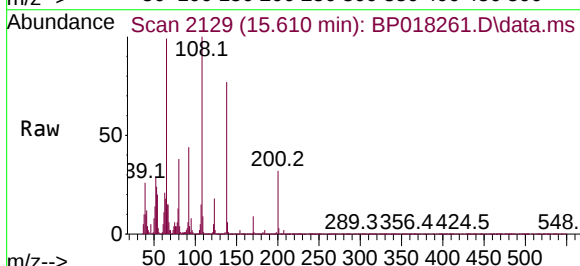
Instrument :
BNA_M
ClientSampleId :

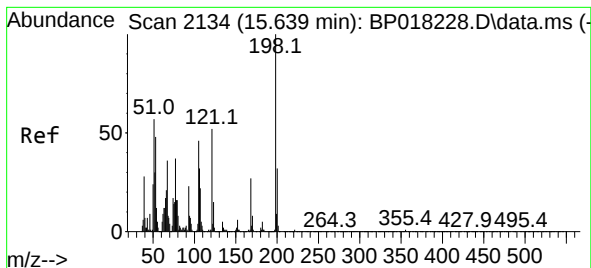
Tgt Ion:204 Resp: 314950
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 65.0 56.0 84.0



#63
4-Nitroaniline
Concen: 33.300 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:138 Resp: 117486
Ion Ratio Lower Upper
138 100
92 56.7 46.6 70.0
108 130.3 104.7 157.1

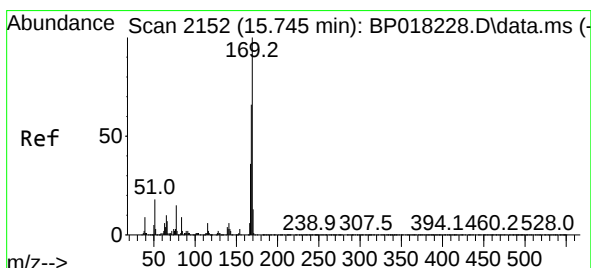
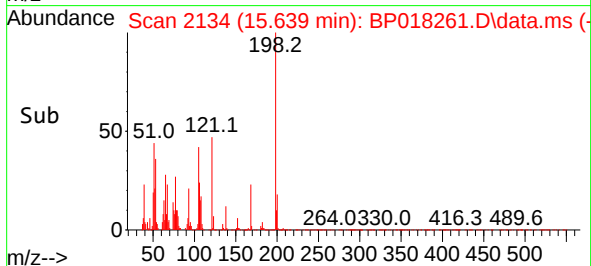
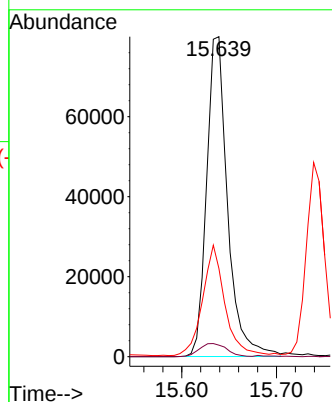
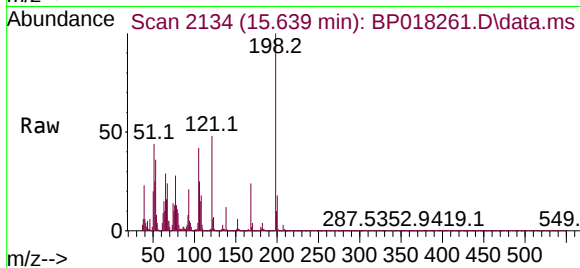




#66
4,6-Dinitro-2-methylphenol
Concen: 31.427 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

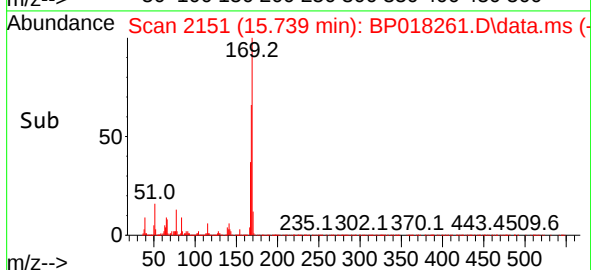
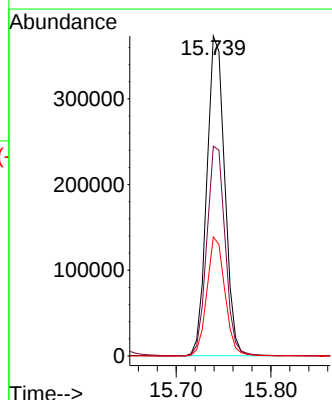
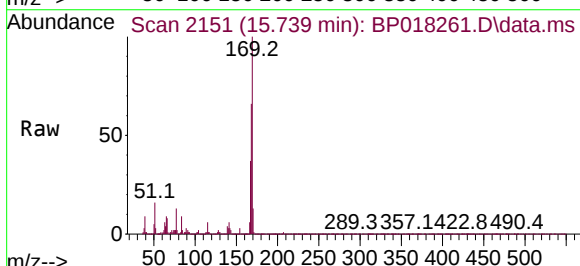
Instrument :
BNA_M
ClientSampleId :

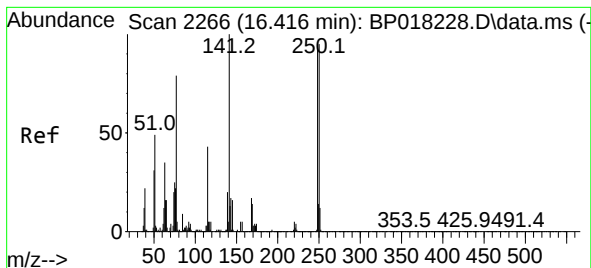
Tgt Ion:198 Resp: 122829
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.6#
77 27.6 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 29.351 ng/ul
RT: 15.739 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:169 Resp: 490441
Ion Ratio Lower Upper
169 100
168 65.6 53.8 80.8
167 37.2 29.8 44.6

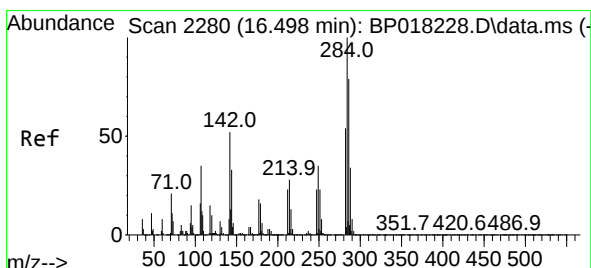
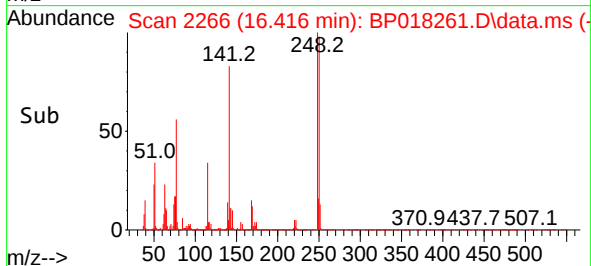
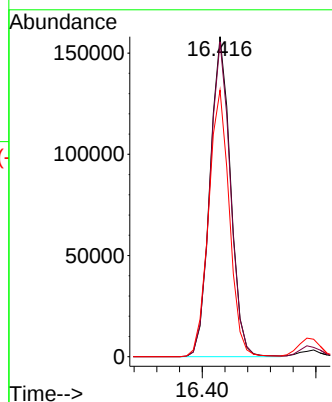
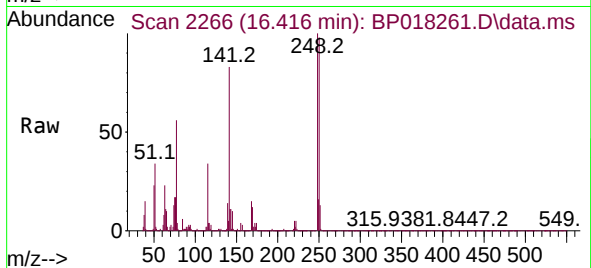




#68
4-Bromophenyl-phenylether
Concen: 33.821 ng/ul
RT: 16.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

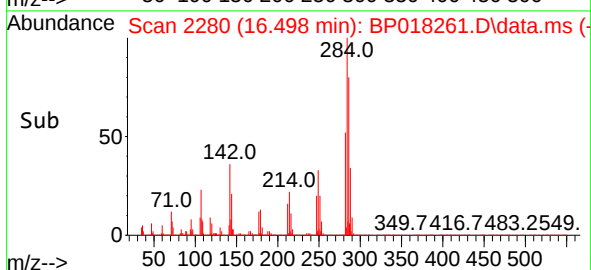
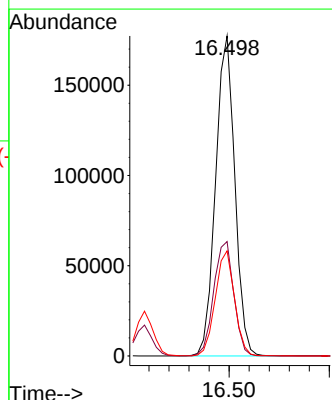
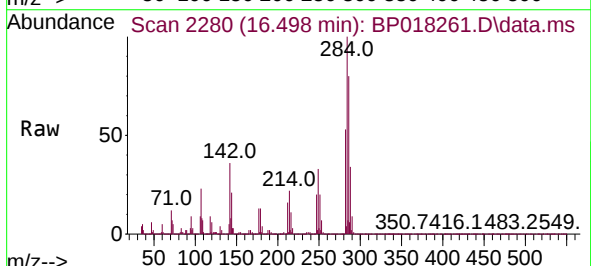
Instrument :
BNA_M
ClientSampleId :

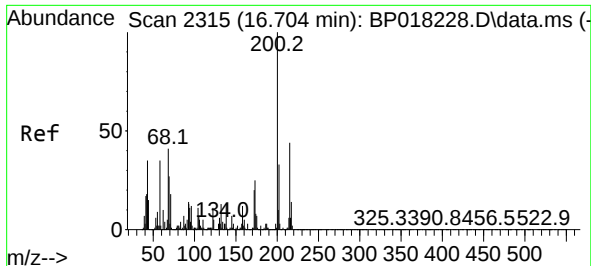
Tgt Ion:248 Resp: 198608
Ion Ratio Lower Upper
248 100
250 98.4 72.7 109.1
141 83.3 70.4 105.6



#69
Hexachlorobenzene
Concen: 35.980 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:284 Resp: 235758
Ion Ratio Lower Upper
284 100
142 35.7 38.9 58.3#
249 32.8 28.6 43.0

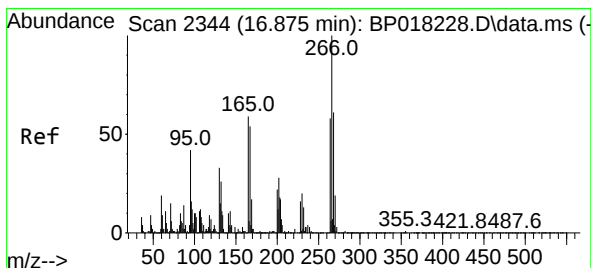
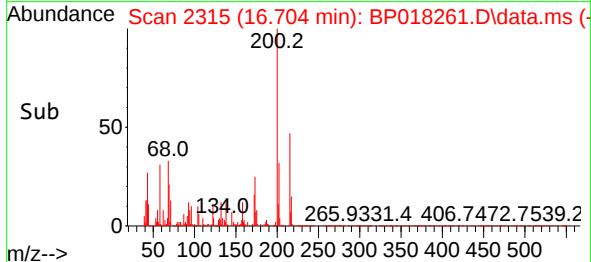
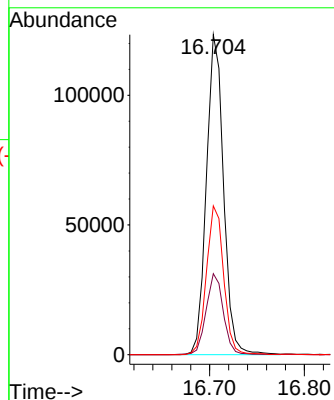
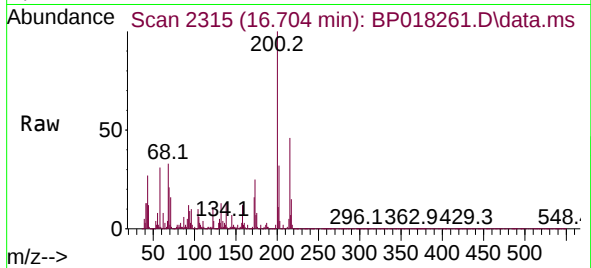




#70
Atrazine
Concen: 26.551 ng/ul
RT: 16.704 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

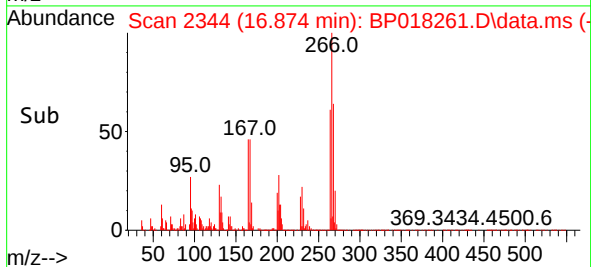
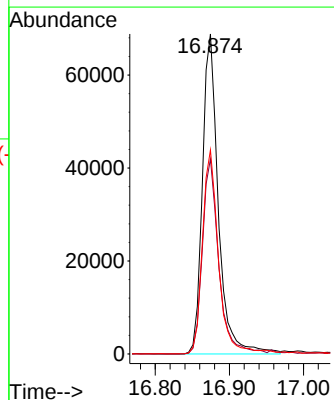
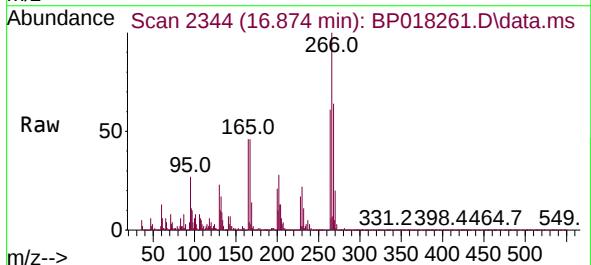
Instrument :
BNA_M
ClientSampleId :

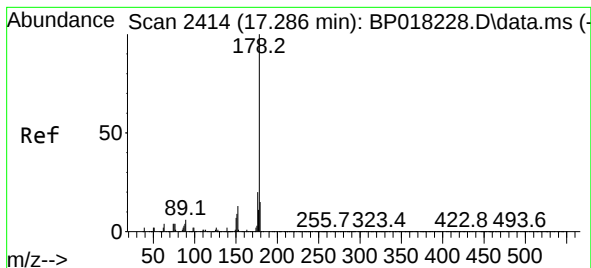
Tgt Ion:200 Resp: 154760
Ion Ratio Lower Upper
200 100
173 25.3 20.2 30.2
215 46.5 37.8 56.8



#71
Pentachlorophenol
Concen: 25.865 ng/ul
RT: 16.874 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:266 Resp: 102878
Ion Ratio Lower Upper
266 100
264 61.0 50.7 76.1
268 63.8 52.4 78.6





#72

Phenanthrene

Concen: 29.939 ng/ul

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

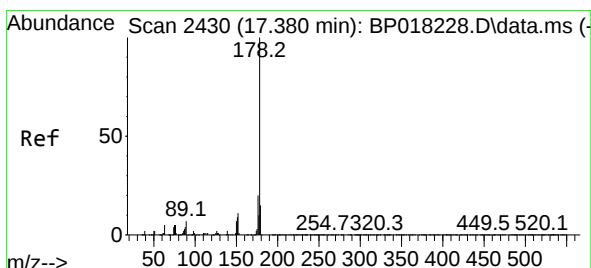
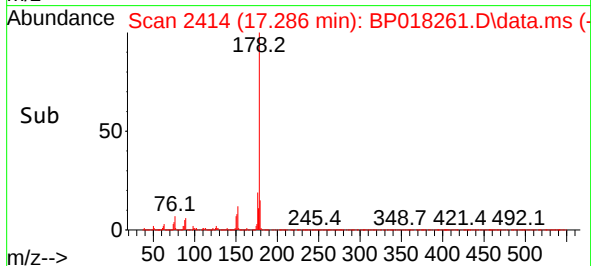
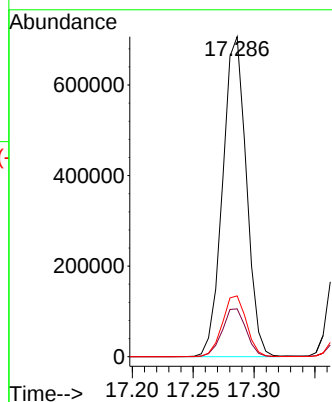
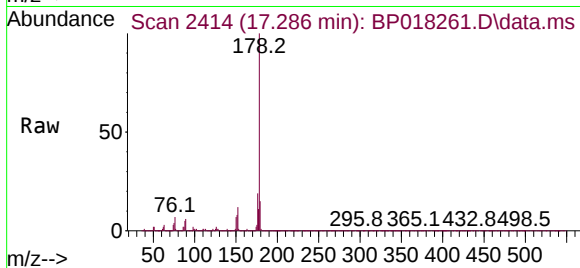
Tgt Ion:178 Resp: 957763

Ion Ratio Lower Upper

178 100

179 14.9 12.0 18.0

176 19.0 15.5 23.3



#74

Anthracene

Concen: 29.733 ng/ul

RT: 17.380 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

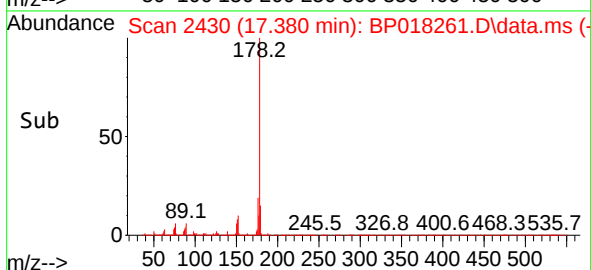
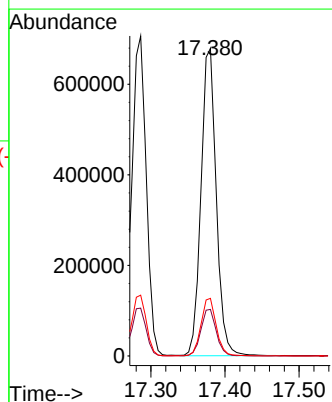
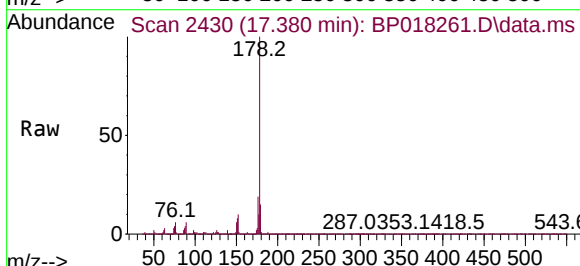
Tgt Ion:178 Resp: 970682

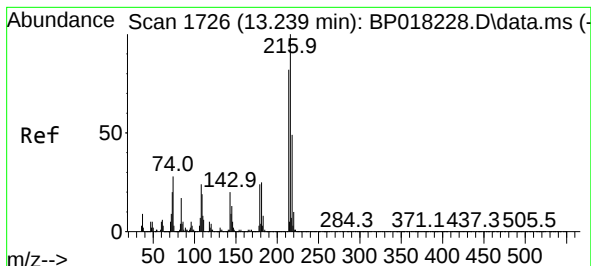
Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

176 18.7 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.475 ng/uL

RT: 13.233 min Scan# 1726

Delta R.T. -0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

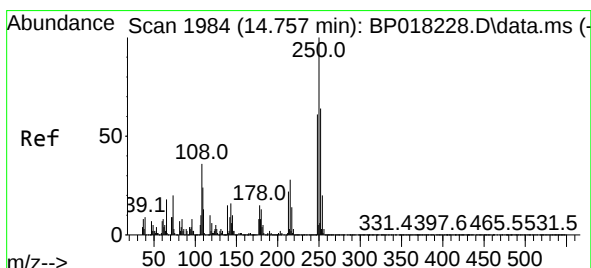
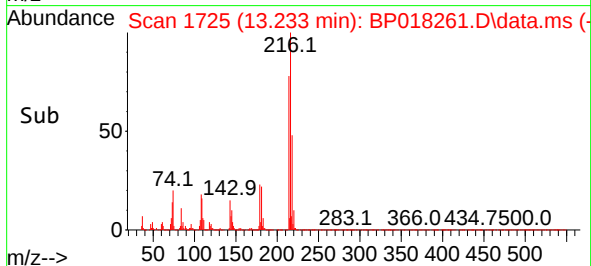
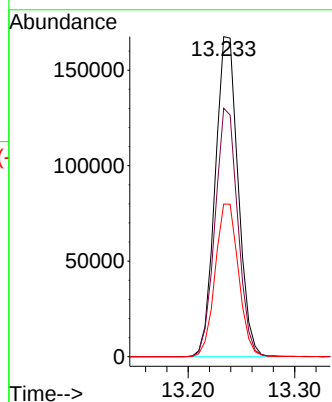
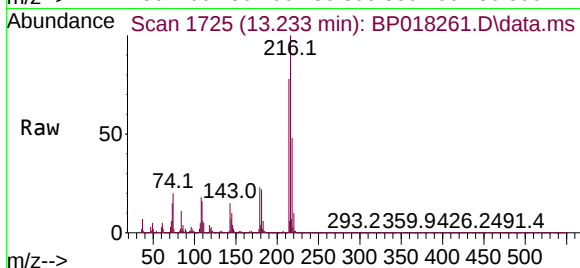
Tgt Ion:216 Resp: 250427

Ion Ratio Lower Upper

216 100

214 77.7 64.0 96.0

218 47.7 39.0 58.4



#76

Pentachlorobenzene

Concen: 31.877 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

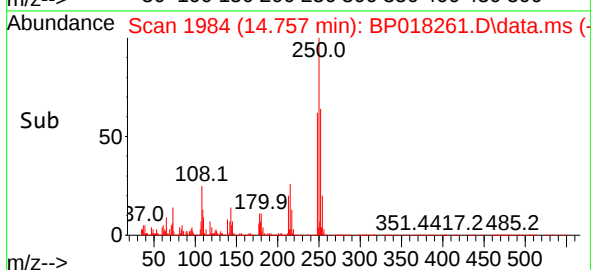
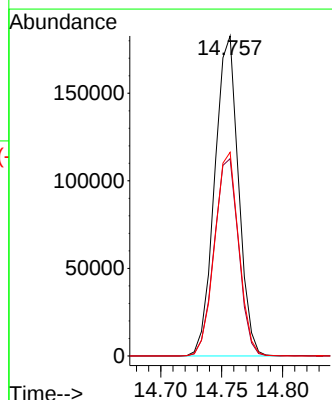
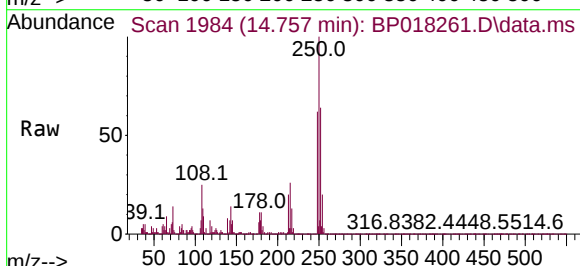
Tgt Ion:250 Resp: 248291

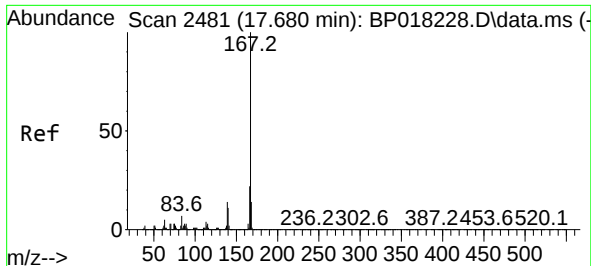
Ion Ratio Lower Upper

250 100

248 61.6 52.7 79.1

252 63.6 52.3 78.5

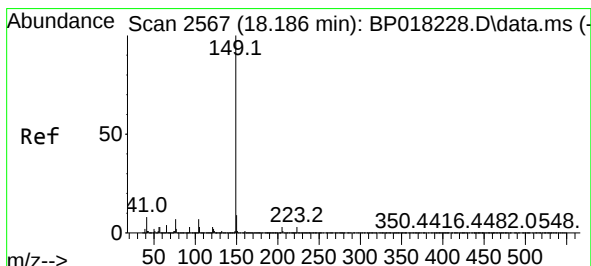
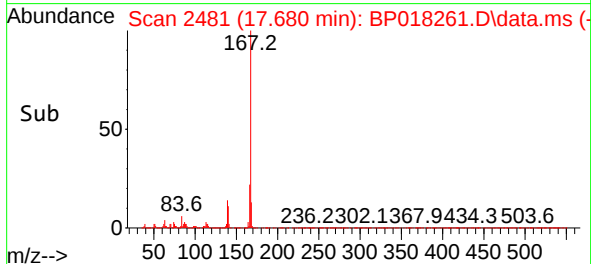
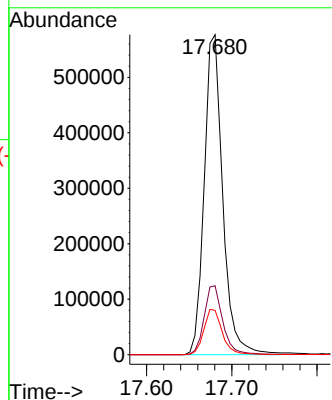
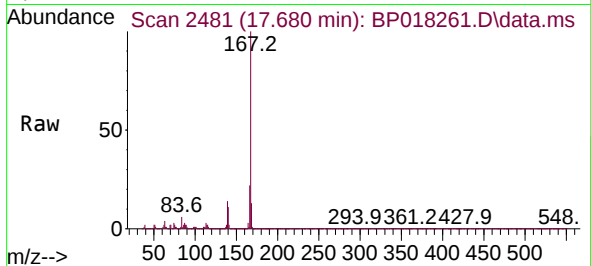




#77
 Carbazole
 Concen: 30.688 ng/ul
 RT: 17.680 min Scan# 2481
 Delta R.T. -0.000 min
 Lab File: BP018261.D
 Acq: 18 Nov 2023 14:56

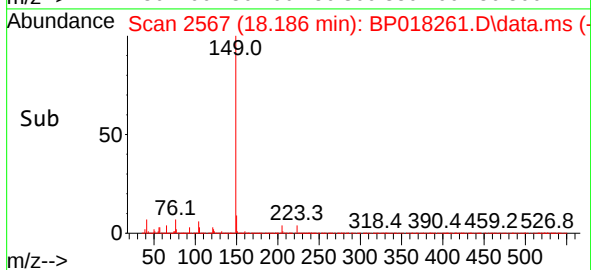
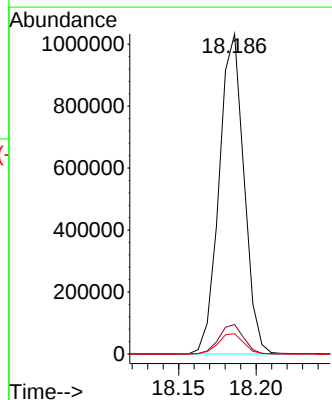
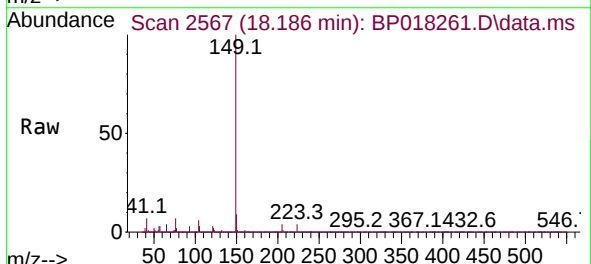
Instrument :
 BNA_M
 ClientSampleId :

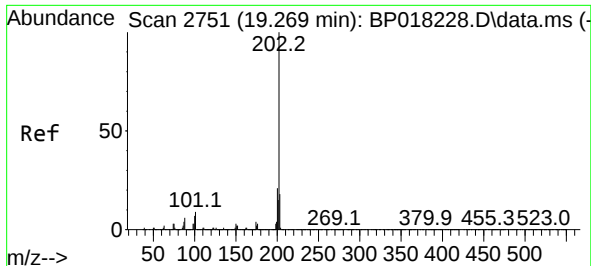
Tgt Ion:167 Resp: 869998
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.8 11.4 17.0



#78
 Di-n-butylphthalate
 Concen: 31.970 ng/ul
 RT: 18.186 min Scan# 2567
 Delta R.T. -0.000 min
 Lab File: BP018261.D
 Acq: 18 Nov 2023 14:56

Tgt Ion:149 Resp: 1149967
 Ion Ratio Lower Upper
 149 100
 150 9.2 6.7 10.1
 104 6.4 5.1 7.7

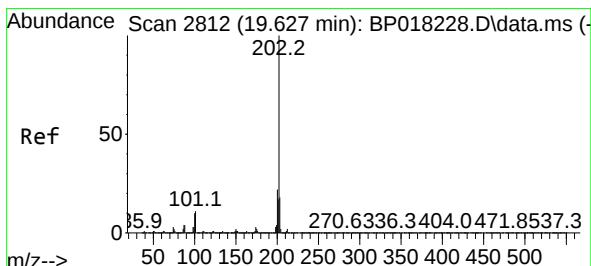
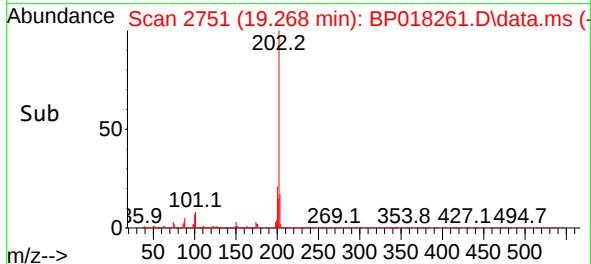
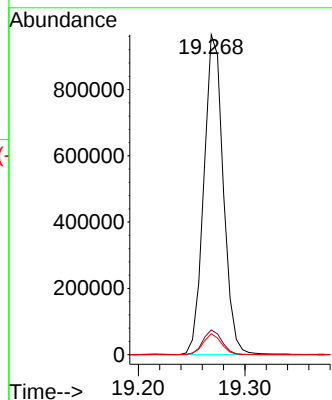
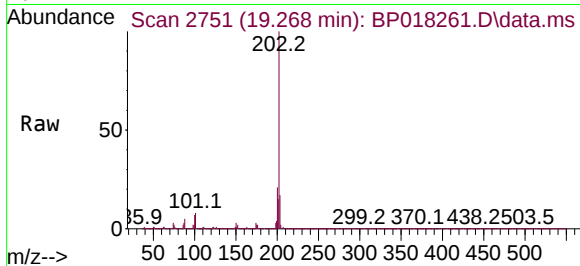




#80
Fluoranthene
Concen: 28.064 ng/ul
RT: 19.268 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

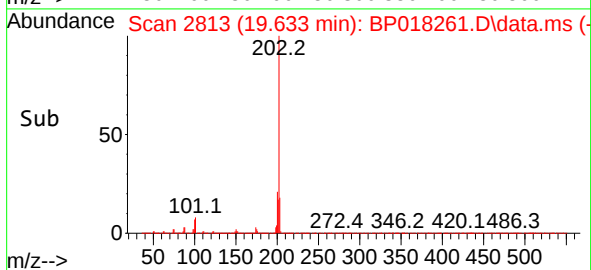
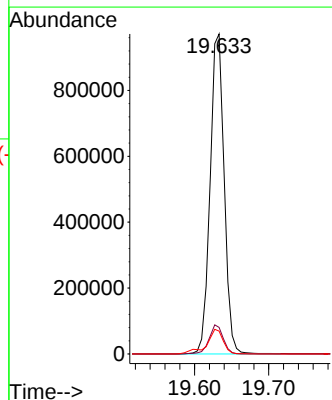
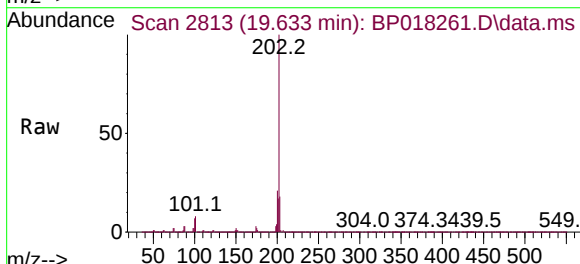
Instrument :
BNA_M
ClientSampleId :

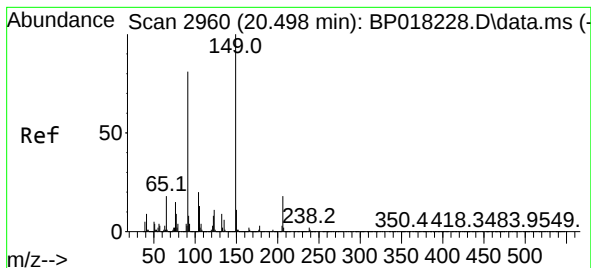
Tgt Ion:202 Resp: 1221281
Ion Ratio Lower Upper
202 100
101 7.7 7.2 10.8
100 6.5 5.8 8.6



#82
Pyrene
Concen: 28.083 ng/ul
RT: 19.633 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BP018261.D
Acq: 18 Nov 2023 14:56

Tgt Ion:202 Resp: 1280633
Ion Ratio Lower Upper
202 100
101 8.3 8.3 12.5
100 7.2 7.4 11.2#





#83

Butylbenzylphthalate

Concen: 28.846 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. -0.000 min

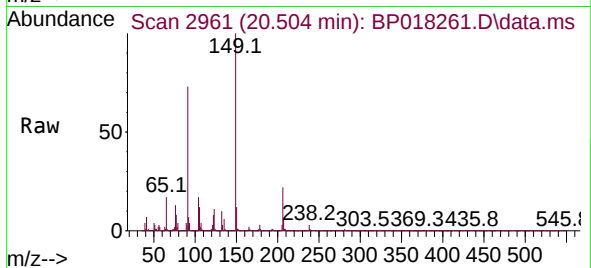
Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :



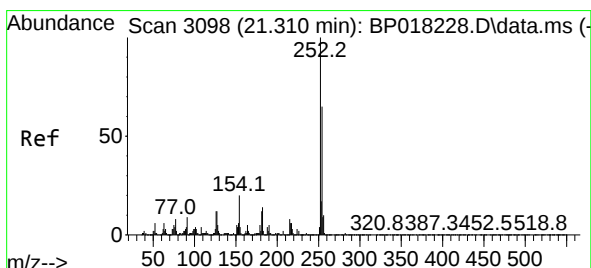
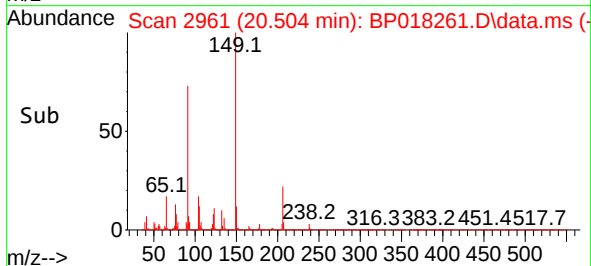
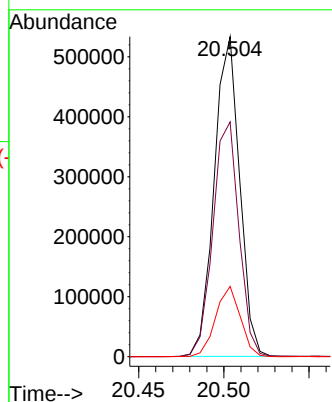
Tgt Ion:149 Resp: 553186

Ion Ratio Lower Upper

149 100

91 73.4 59.6 89.4

206 21.9 14.3 21.5#



#84

3,3'-Dichlorobenzidine

Concen: 31.796 ng/ul

RT: 21.309 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

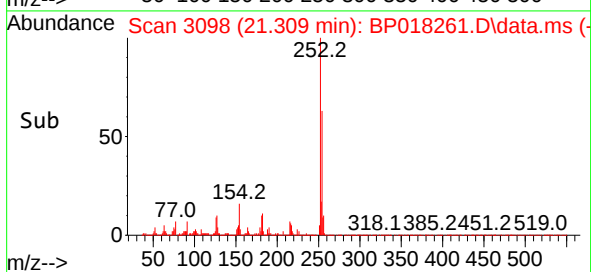
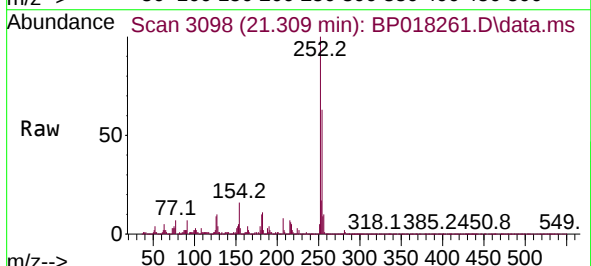
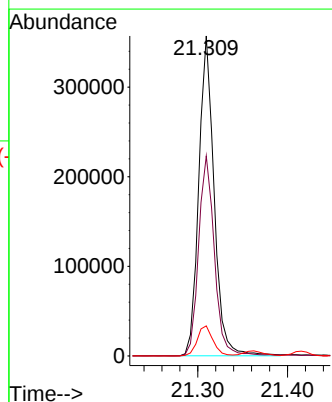
Tgt Ion:252 Resp: 423781

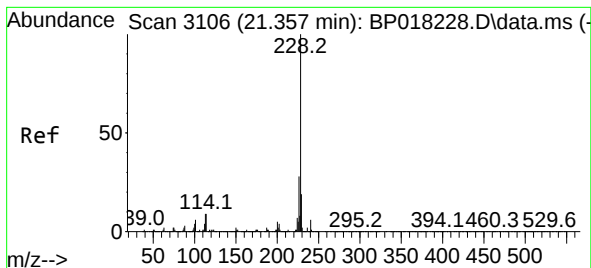
Ion Ratio Lower Upper

252 100

254 62.5 48.9 73.3

126 9.4 9.4 14.0





#85

Benzo(a)anthracene

Concen: 30.251 ng/ul

RT: 21.362 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

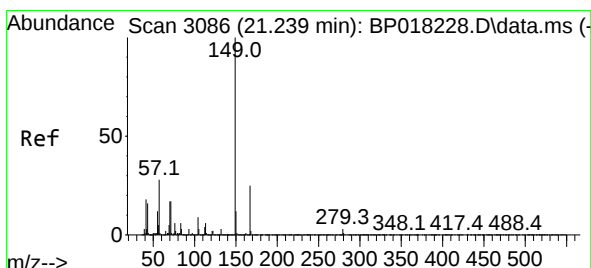
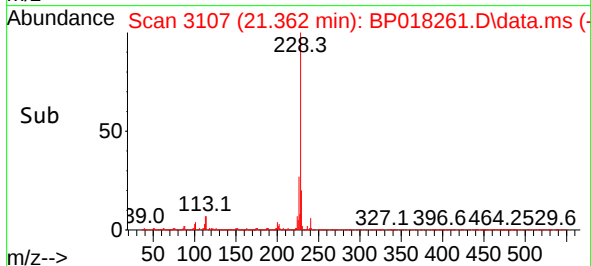
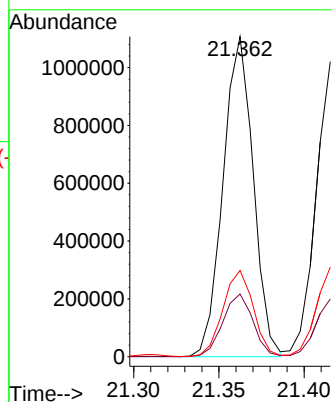
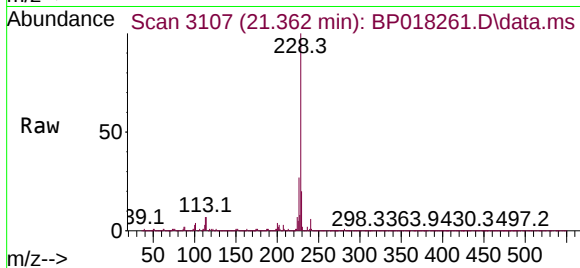
Tgt Ion:228 Resp: 1362695

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

226 27.0 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.150 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

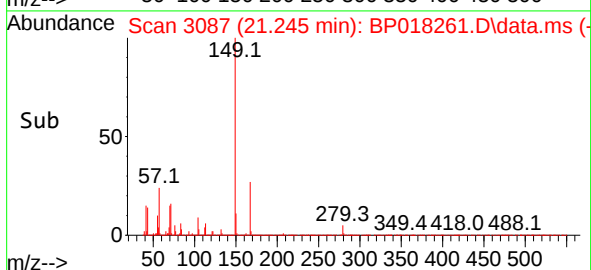
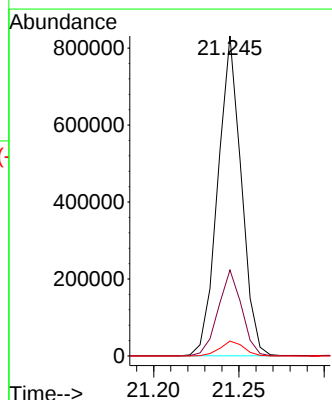
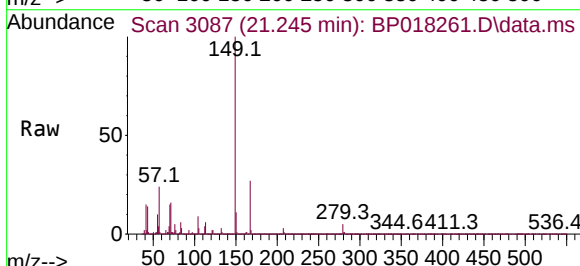
Tgt Ion:149 Resp: 797180

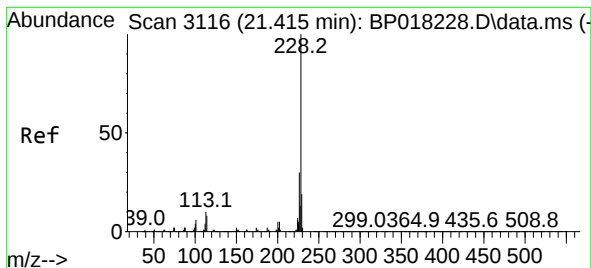
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

279 4.7 3.2 4.8





#87

Chrysene

Concen: 29.989 ng/ul

RT: 21.415 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

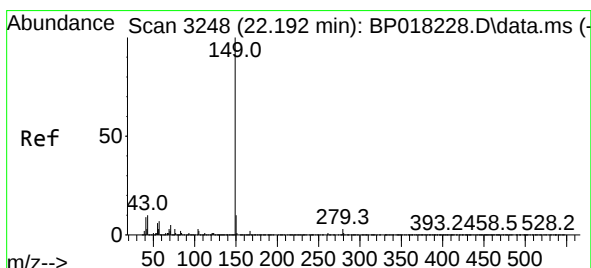
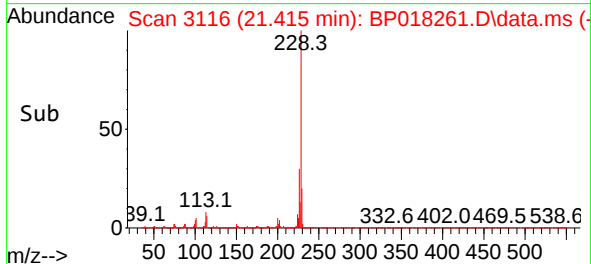
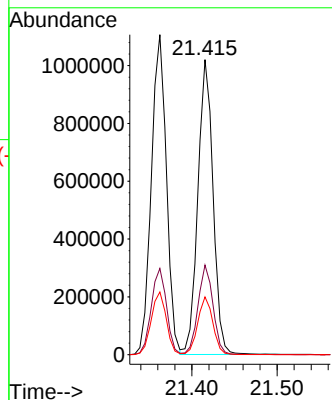
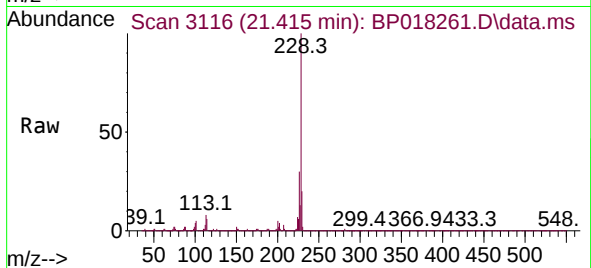
Tgt Ion:228 Resp: 1263820

Ion Ratio Lower Upper

228 100

226 30.4 23.1 34.7

229 19.6 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 32.570 ng/ul

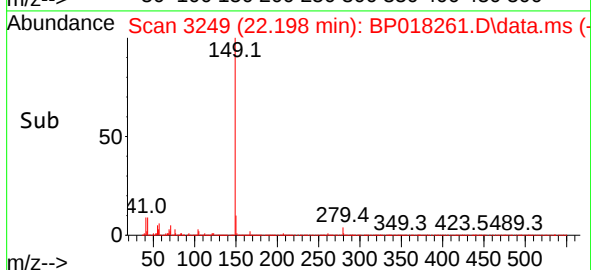
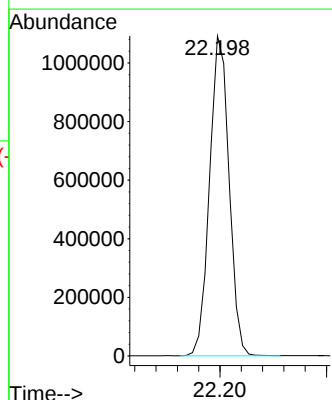
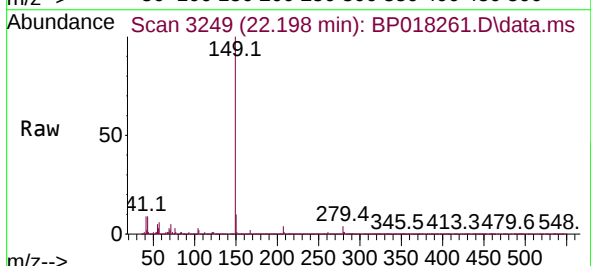
RT: 22.198 min Scan# 3249

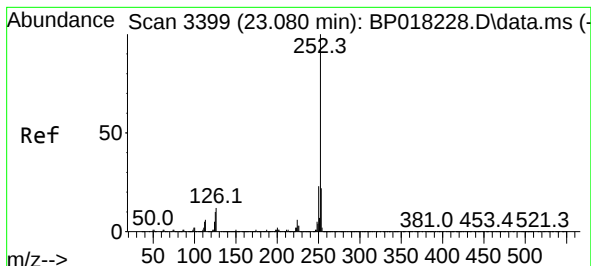
Delta R.T. 0.006 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Tgt Ion:149 Resp: 1383926





#90

Benzo(b)fluoranthene

Concen: 32.440 ng/ul

RT: 23.086 min Scan# 3400

Delta R.T. 0.006 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

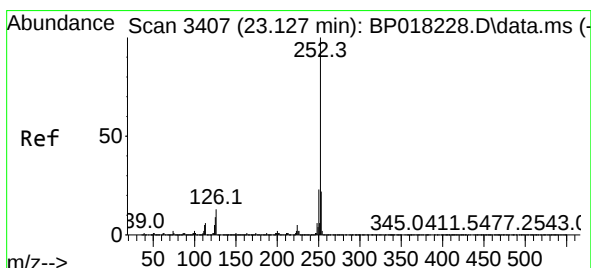
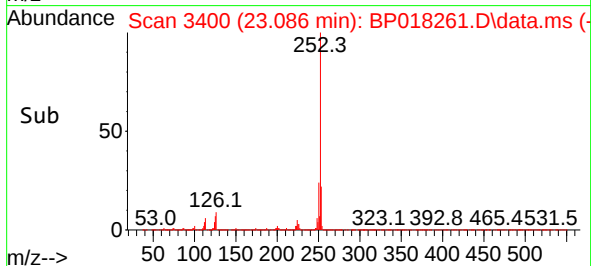
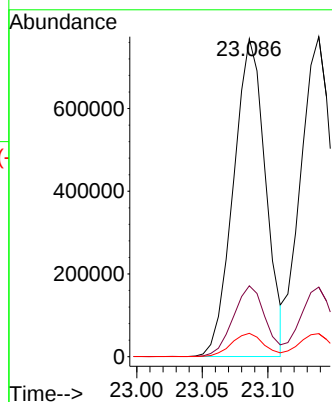
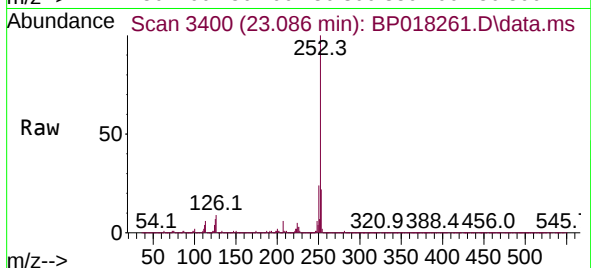
Tgt Ion:252 Resp: 1311735

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 7.3 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 32.707 ng/ul

RT: 23.139 min Scan# 3409

Delta R.T. 0.006 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

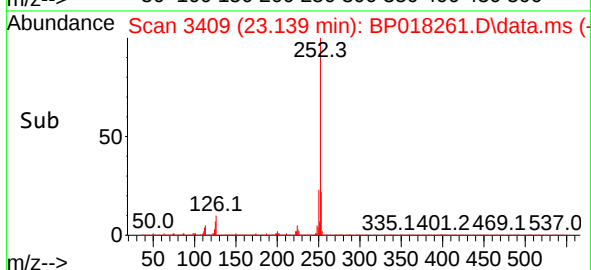
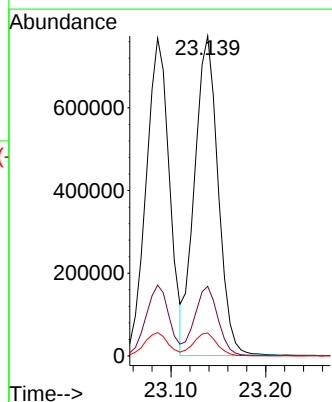
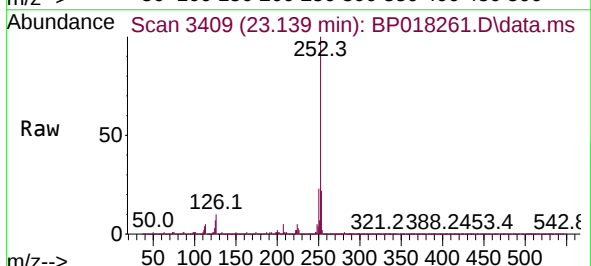
Tgt Ion:252 Resp: 1330603

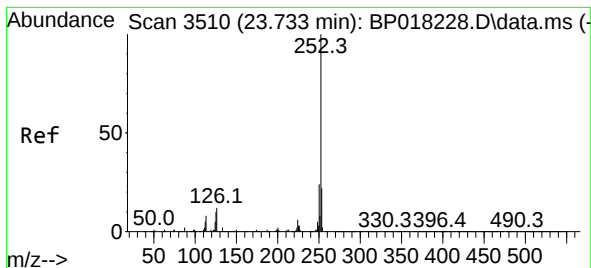
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 7.2 6.8 10.2





#93

Benzo(a)pyrene

Concen: 31.645 ng/ul

RT: 23.745 min Scan# 3510

Delta R.T. 0.012 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

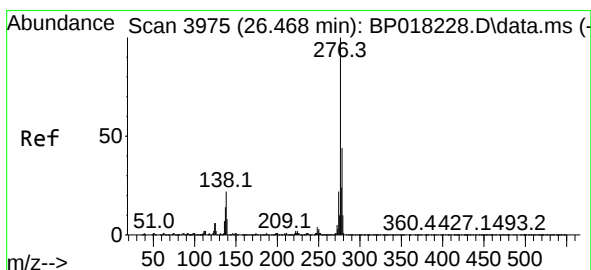
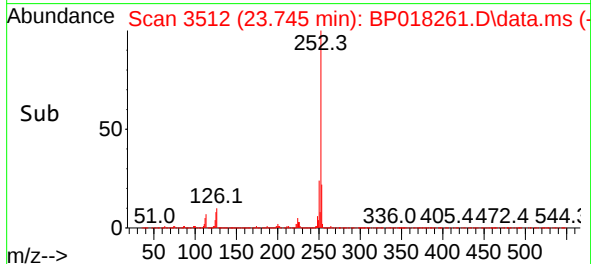
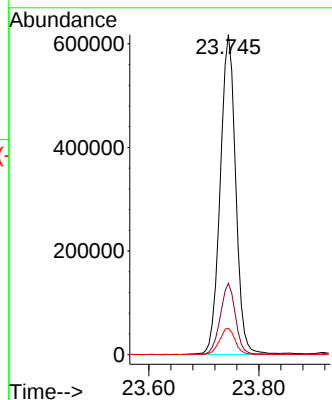
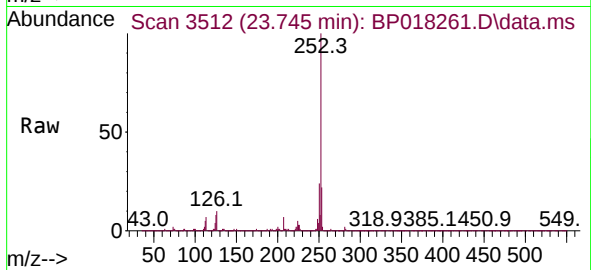
Tgt Ion:252 Resp: 1208397

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.2 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.000 ng/ul

RT: 26.492 min Scan# 3979

Delta R.T. 0.029 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

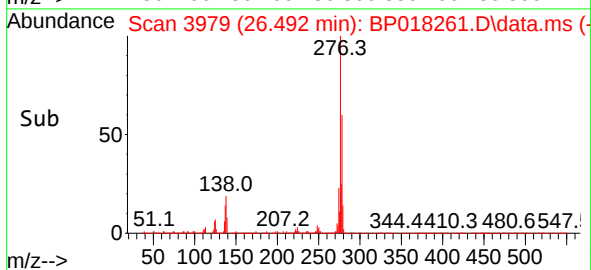
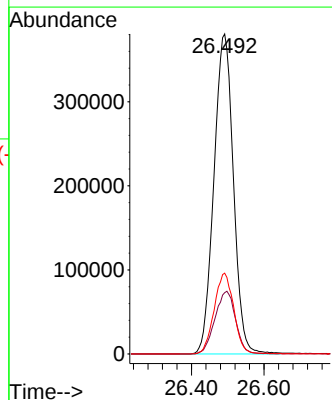
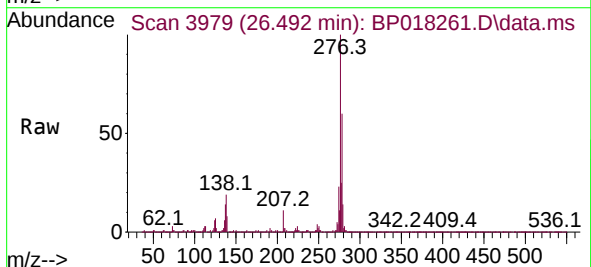
Tgt Ion:276 Resp: 1419779

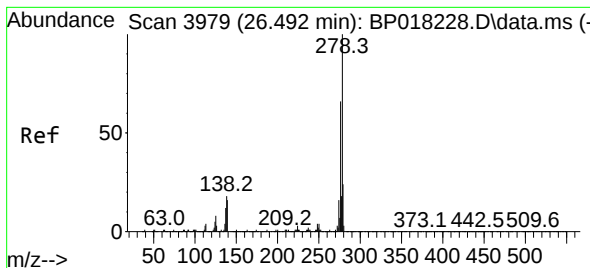
Ion Ratio Lower Upper

276 100

138 19.2 15.6 23.4

277 25.3 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 31.390 ng/ul

RT: 26.515 min Scan# 3979

Delta R.T. 0.023 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Instrument :

BNA_M

ClientSampleId :

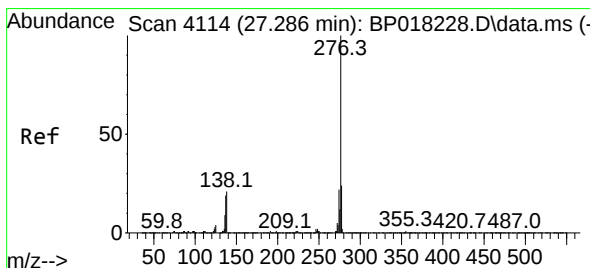
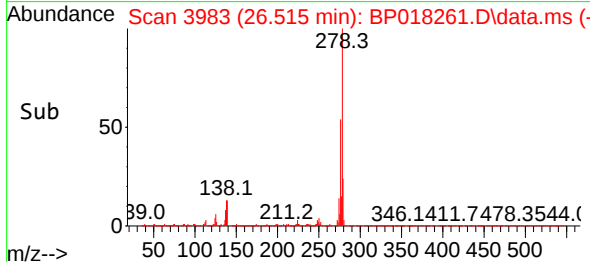
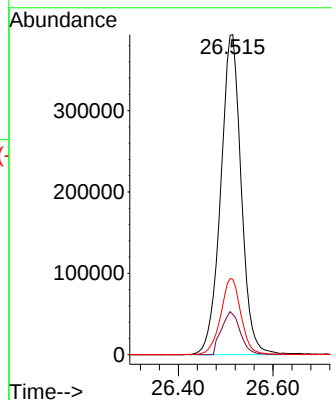
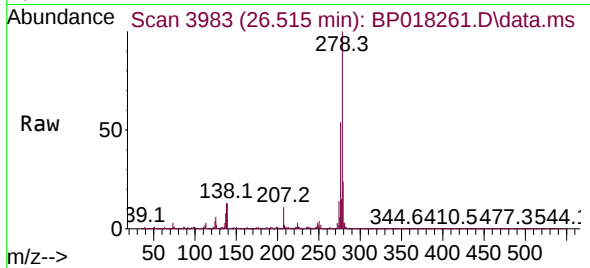
Tgt Ion:278 Resp: 1183736

Ion Ratio Lower Upper

278 100

139 12.5 11.1 16.7

279 23.6 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 30.674 ng/ul

RT: 27.309 min Scan# 4118

Delta R.T. 0.029 min

Lab File: BP018261.D

Acq: 18 Nov 2023 14:56

Tgt Ion:276 Resp: 1123620

Ion Ratio Lower Upper

276 100

138 17.7 13.8 20.6

277 23.4 20.2 30.2

