

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018260.D
 Acq On : 18 Nov 2023 14:22
 Operator : MA/JU
 Sample : PB157221BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:53:08 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	7.781	152	45086	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	188249	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	136696	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	318891	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	328727	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	342931	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	8926	6.984	ng/uL	0.00
4) Pyridine-d5	3.587	84	117347	35.214	ng/u1	0.00
7) Phenol-d5	6.946	99	152485	35.032	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	92382	36.115	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	127421	36.967	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	127006	35.608	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	61286	36.135	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	71926	37.434	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	130426	38.085	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	164962	35.126	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	468645	37.157	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	494737	36.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	66361	35.210	ng/u1	-0.01
60) Fluorene-d10	15.463	176	404476	38.843	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	89503	38.824	ng/u1	0.00
73) Anthracene-d10	17.339	188	647889	37.566	ng/u1	0.00
81) Pyrene-d10	19.604	212	813847	37.064	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	803422	40.291	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	21724	15.576	ng/uL	96
5) Pyridine	3.605	79	124395	36.169	ng/u1	98
6) Benzaldehyde	6.946	77	96043	40.971	ng/u1	97
8) Phenol	6.975	94	170356	39.674	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	136514	40.980	ng/u1	96
12) 2-Chlorophenol	7.328	128	143837	41.561	ng/u1	96
13) 2-Methylphenol	8.228	108	132630	40.880	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.287	45	93597	24.607	ng/u1	96
16) Acetophenone	8.634	105	229854	40.542	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	125390	40.509	ng/u1	94
18) 4-Methylphenol	8.569	108	143120	40.450	ng/u1	98
19) Hexachloroethane	8.822	117	71051	42.909	ng/u1	91
22) Nitrobenzene	9.028	77	200561	43.795	ng/u1	96
23) Isophorone	9.528	82	345747	41.375	ng/u1	99
25) 2-Nitrophenol	9.728	139	83389	42.234	ng/u1	95
26) 2,4-Dimethylphenol	9.769	107	139368	33.182	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	192313	42.203	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	140260	42.890	ng/u1	95
30) Naphthalene	10.640	128	475714	41.554	ng/u1	99
32) 4-Chloroaniline	10.799	127	160285	35.631	ng/u1	98
33) Hexachlorobutadiene	10.857	225	105031	43.750	ng/u1	97
34) Caprolactam	11.628	113	33284	30.638	ng/u1	96
35) 4-Chloro-3-methylphenol	11.916	107	173805	44.177	ng/u1	97
36) 2-Methylnaphthalene	12.263	142	332035	42.246	ng/u1	99

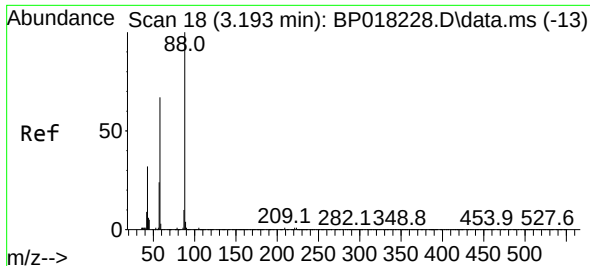
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	333627	41.308	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.616	216	182168	39.449	ng/ul#	97
40) Hexachlorocyclopentadiene	12.551	237	68395	30.684	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	115981	38.286	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	125897	39.489	ng/ul	95
43) 1,1'-Biphenyl	13.287	154	453227	38.992	ng/ul	100
44) 2-Chloronaphthalene	13.334	162	362305	39.260	ng/ul	99
45) 2-Nitroaniline	13.593	65	128852	43.268	ng/ul	95
47) Dimethylphthalate	13.928	163	528558	42.721	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	106363	43.252	ng/ul	96
50) Acenaphthylene	14.187	152	639802	41.252	ng/ul	100
51) 3-Nitroaniline	14.434	138	98707	43.256	ng/ul	96
52) Acenaphthene	14.522	153	428204	41.636	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	48390	36.070	ng/ul	94
55) 4-Nitrophenol	14.734	109	115737	46.262	ng/ul	89
56) Dibenzofuran	14.863	168	608427	43.170	ng/ul	97
57) 2,4-Dinitrotoluene	14.881	165	170083	46.292	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.087	232	122803	43.300	ng/ul#	100
59) Diethylphthalate	15.287	149	591722	45.778	ng/ul	99
61) Fluorene	15.516	166	525699	43.934	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	272914	46.543	ng/ul	100
63) 4-Nitroaniline	15.610	138	101621	47.192	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.634	198	104004	43.477	ng/ul#	90
67) N-Nitrosodiphenylamine	15.740	169	443117	43.328	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	162368	45.176	ng/ul	97
69) Hexachlorobenzene	16.498	284	190228	47.432	ng/ul	95
70) Atrazine	16.704	200	136459	38.251	ng/ul	99
71) Pentachlorophenol	16.875	266	81262	33.380	ng/ul	99
72) Phenanthrene	17.287	178	864289	44.142	ng/ul	100
74) Anthracene	17.375	178	870704	43.576	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	181398	37.250	ng/uL	98
76) Pentachlorobenzene	14.751	250	206835	43.387	ng/uL	96
77) Carbazole	17.675	167	804650	46.374	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1073258	48.750	ng/ul	99
80) Fluoranthene	19.269	202	1083820	42.265	ng/ul	99
82) Pyrene	19.633	202	1152652	42.895	ng/ul	97
83) Butylbenzylphthalate	20.504	149	488717	43.247	ng/ul#	98
84) 3,3'-Dichlorobenzidine	21.310	252	362602	46.169	ng/ul	97
85) Benzo(a)anthracene	21.363	228	1182674	44.555	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.245	149	748657	48.051	ng/ul	99
87) Chrysene	21.416	228	1096327	44.148	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1289823	50.293	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1134638	46.491	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	1141267	46.479	ng/ul	100
93) Benzo(a)pyrene	23.745	252	1066626	46.279	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	1256571	45.457	ng/ul	99
95) Dibenzo(a,h)anthracene	26.510	278	1051337	46.191	ng/ul	99
96) Benzo(g,h,i)perylene	27.310	276	1012223	45.782	ng/ul	96

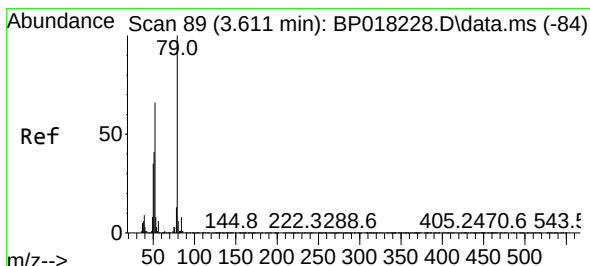
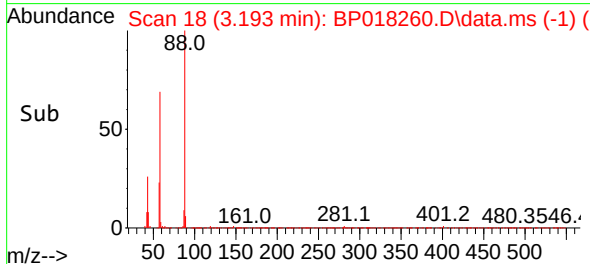
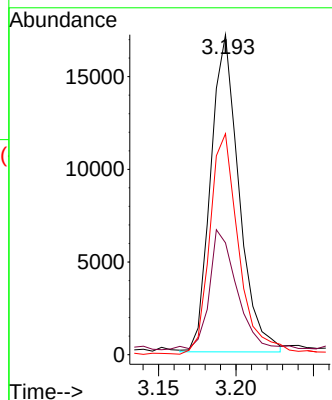
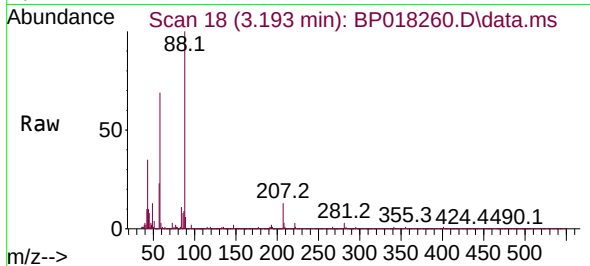
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#2
1,4-Dioxane
Concen: 15.576 ng/uL
RT: 3.193 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

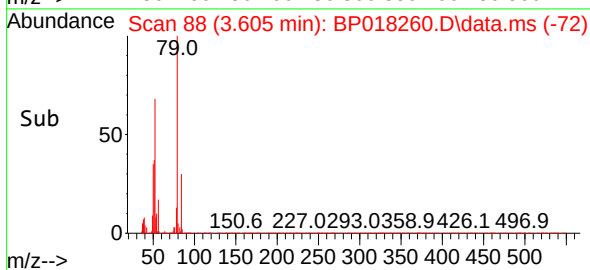
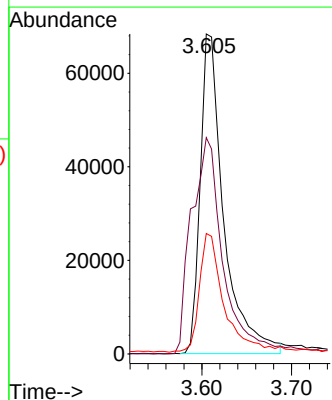
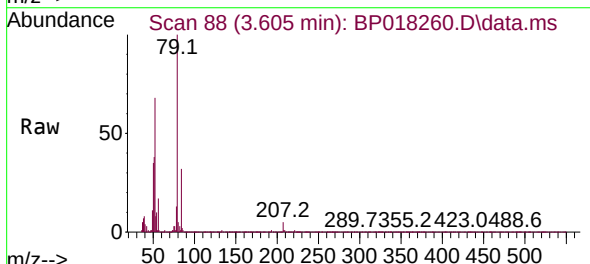
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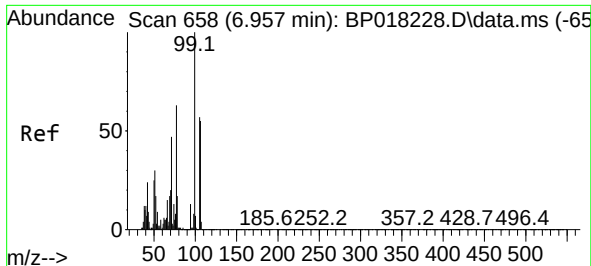
Tgt Ion: 88 Resp: 21724
Ion Ratio Lower Upper
88 100
43 35.0 25.4 38.2
58 69.0 53.3 79.9



#5
Pyridine
Concen: 36.169 ng/uL
RT: 3.605 min Scan# 88
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 79 Resp: 124395
Ion Ratio Lower Upper
79 100
52 67.6 53.9 80.9
51 37.7 32.2 48.2

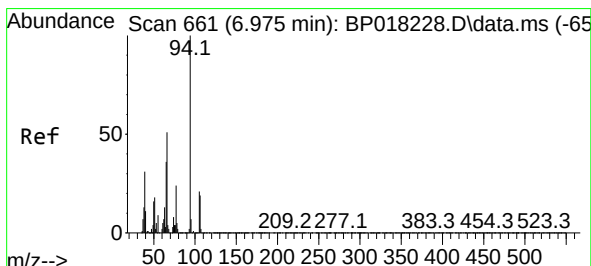
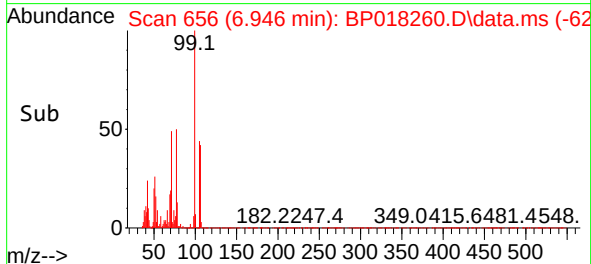
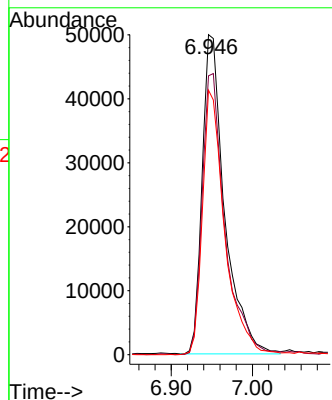
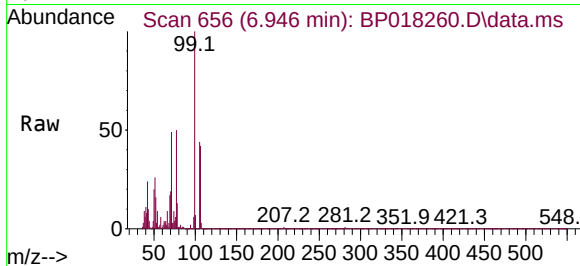




#6
Benzaldehyde
Concen: 40.971 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

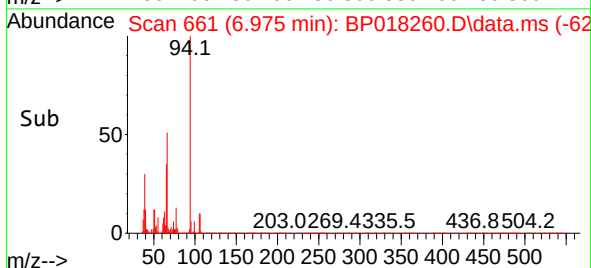
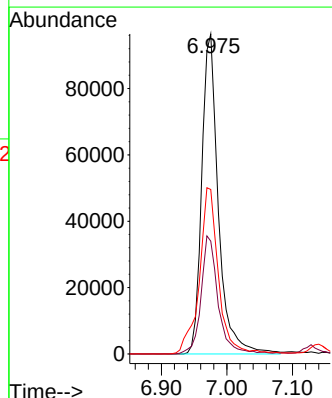
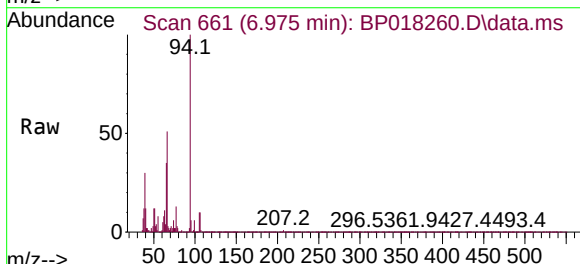
Instrument :
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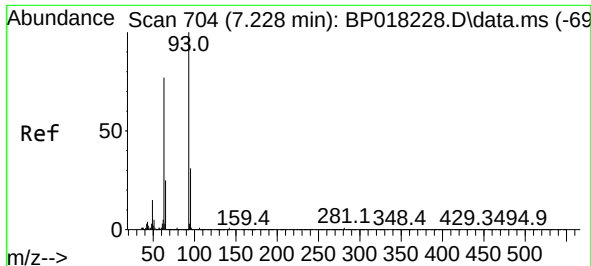
Tgt Ion: 77 Resp: 96043
Ion Ratio Lower Upper
77 100
105 87.1 72.7 109.1
106 82.7 67.5 101.3



#8
Phenol
Concen: 39.674 ng/ul
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 94 Resp: 170356
Ion Ratio Lower Upper
94 100
65 35.3 28.2 42.2
66 51.4 40.3 60.5

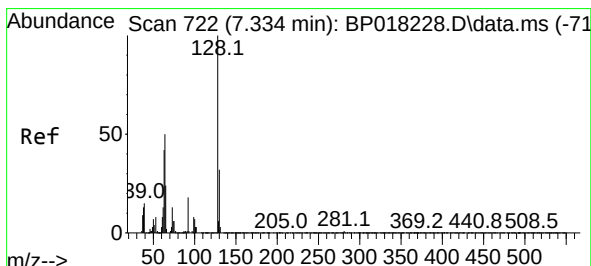
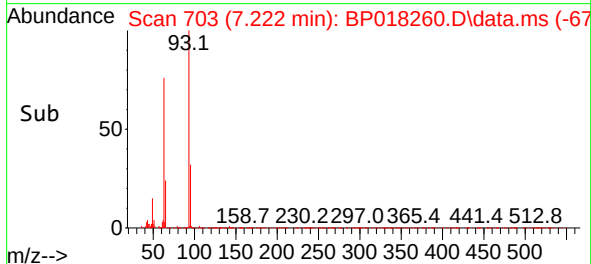
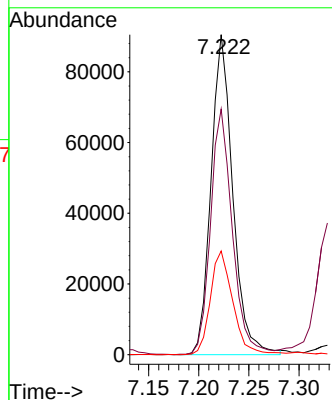
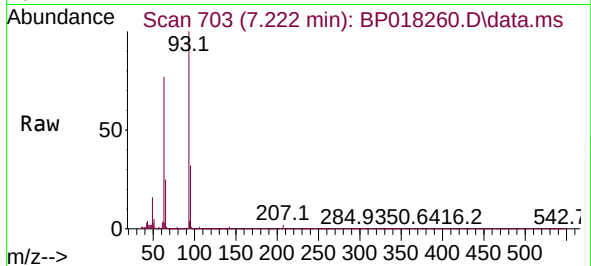




#10
Bis(2-Chloroethyl)ether
Concen: 40.980 ng/ul
RT: 7.222 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

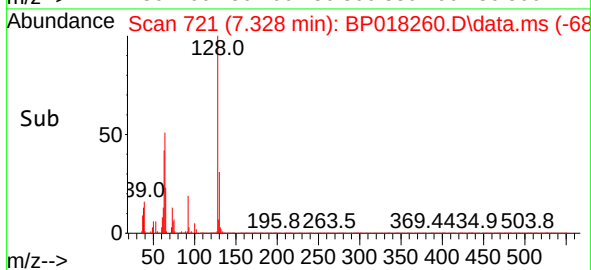
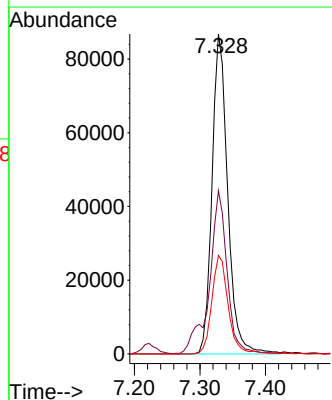
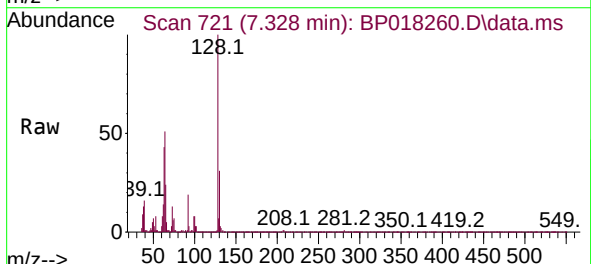
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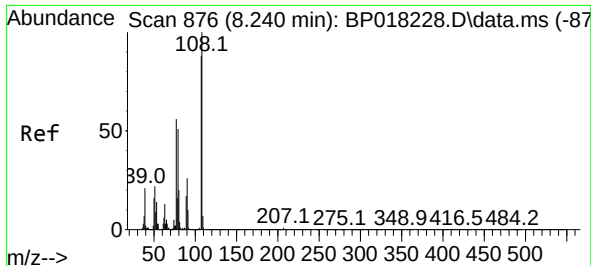
Tgt Ion: 93 Resp: 136514
Ion Ratio Lower Upper
93 100
63 76.7 57.8 86.6
95 32.4 25.5 38.3



#12
2-Chlorophenol
Concen: 41.561 ng/ul
RT: 7.328 min Scan# 721
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:128 Resp: 143837
Ion Ratio Lower Upper
128 100
64 51.1 39.2 58.8
130 30.7 26.6 40.0





#13

2-Methylphenol

Concen: 40.880 ng/ul

RT: 8.228 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

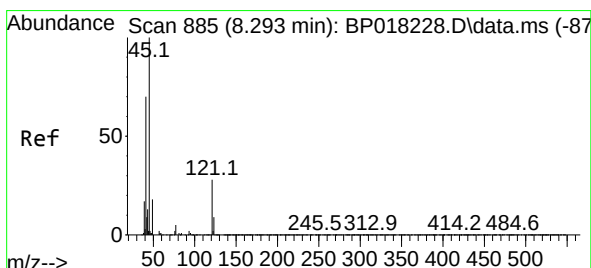
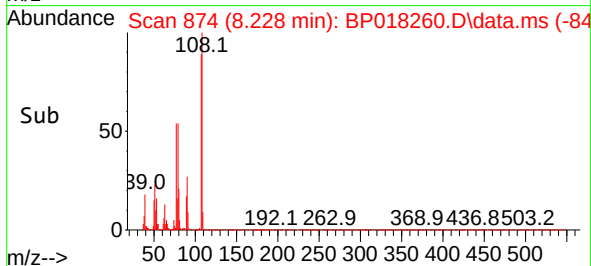
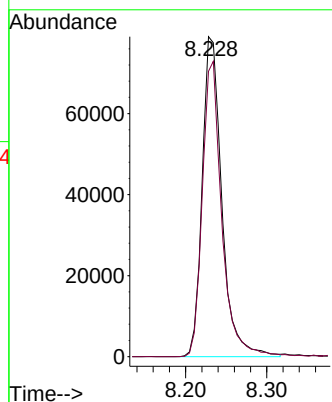
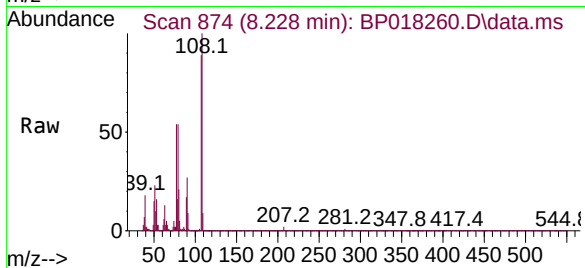
ClientSampleId :

Tgt Ion:108 Resp: 132630

Ion Ratio Lower Upper

108 100

107 89.2 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.607 ng/ul

RT: 8.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

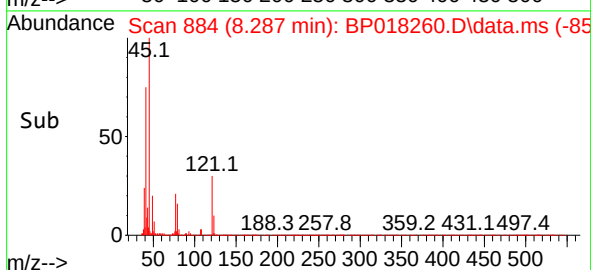
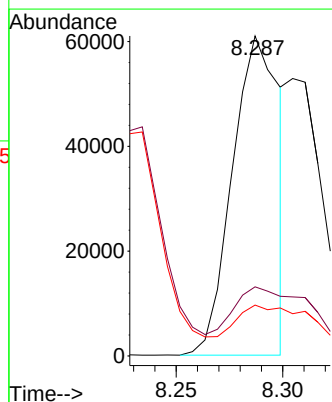
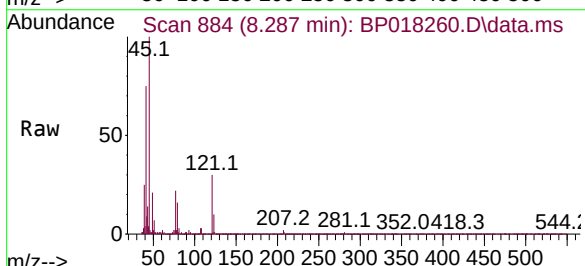
Tgt Ion: 45 Resp: 93597

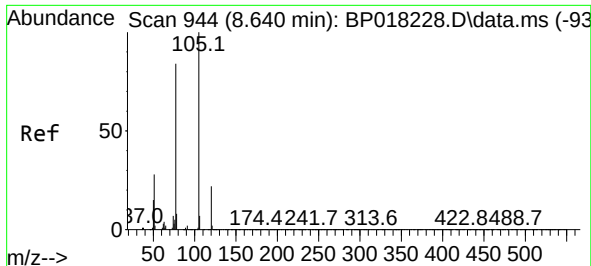
Ion Ratio Lower Upper

45 100

77 21.6 16.1 24.1

79 15.9 11.1 16.7

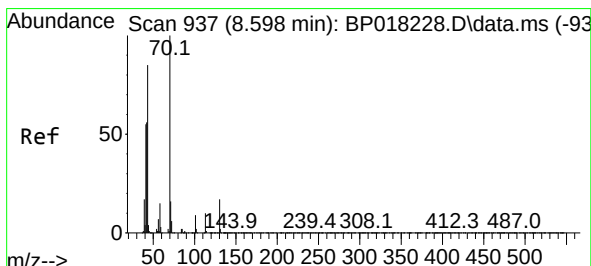
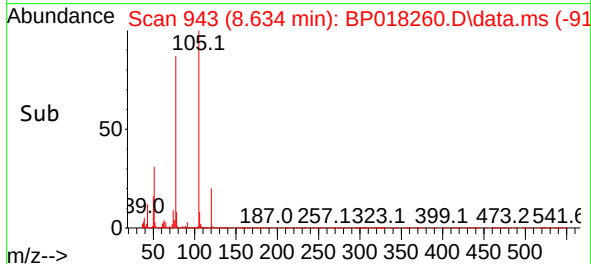
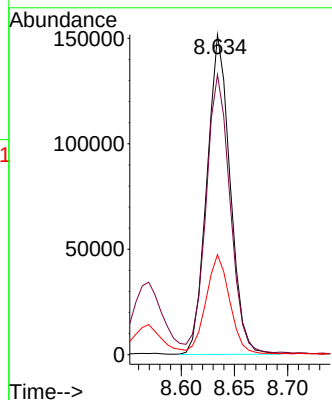
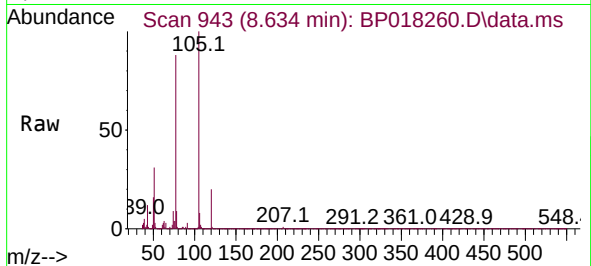




#16
Acetophenone
Concen: 40.542 ng/ul
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

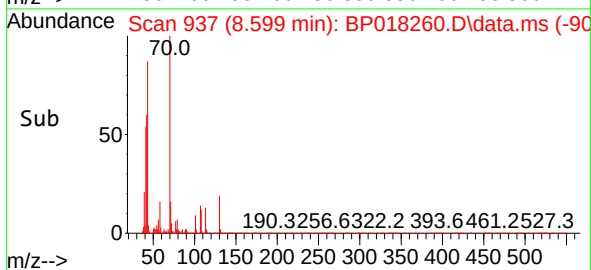
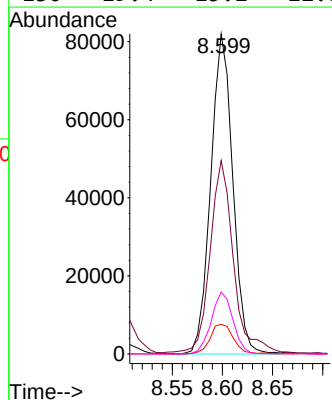
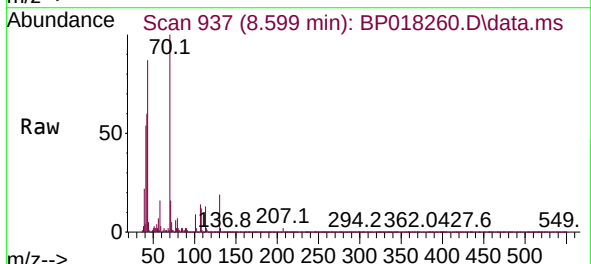
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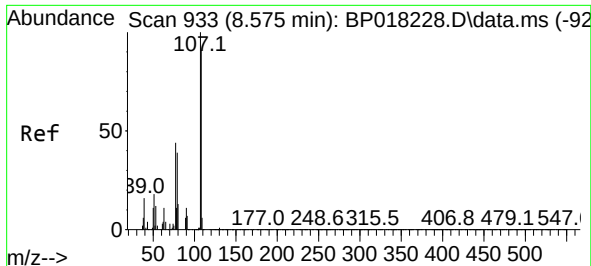
Tgt Ion:105 Resp: 229854
Ion Ratio Lower Upper
105 100
77 87.5 70.1 105.1
51 31.3 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 40.509 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

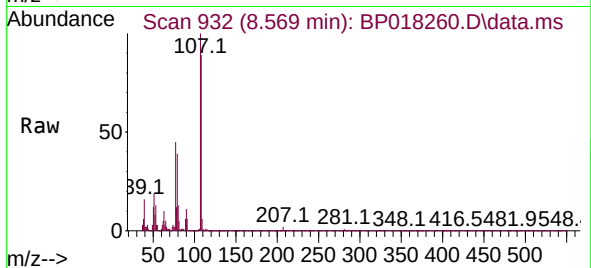
Tgt Ion: 70 Resp: 125390
Ion Ratio Lower Upper
70 100
42 60.4 43.7 65.5
101 9.3 8.2 12.4
130 19.4 15.2 22.8



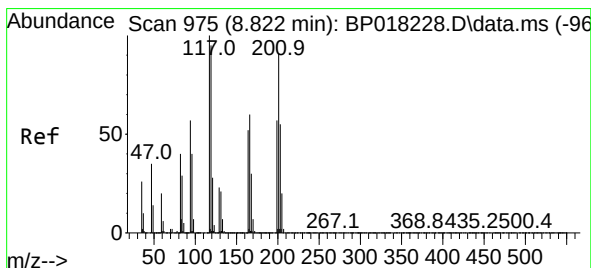
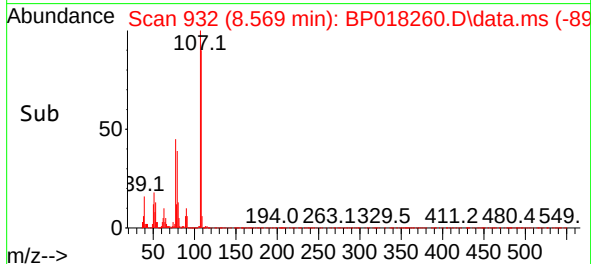
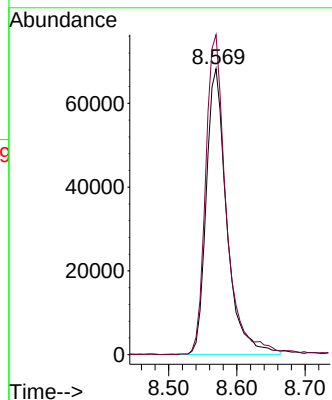


#18
4-Methylphenol
Concen: 40.450 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

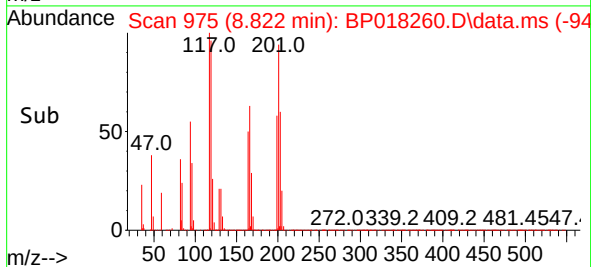
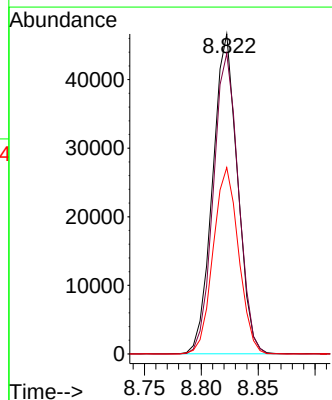
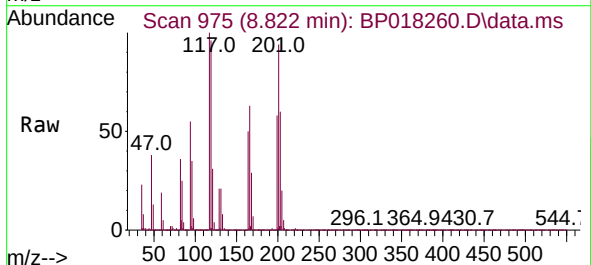


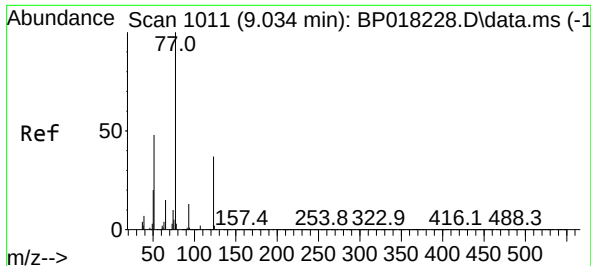
Tgt Ion:108 Resp: 143120
Ion Ratio Lower Upper
108 100
107 111.9 88.2 132.4



#19
Hexachloroethane
Concen: 42.909 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:117 Resp: 71051
Ion Ratio Lower Upper
117 100
201 93.9 84.8 127.2
199 58.3 49.0 73.4

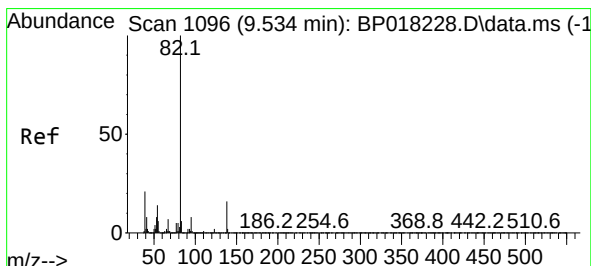
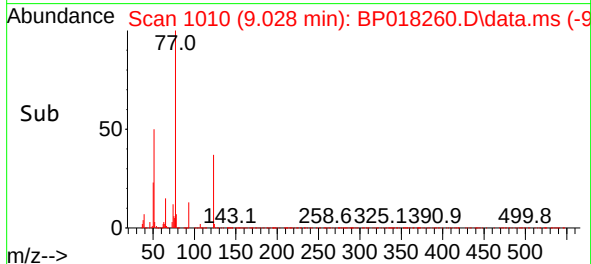
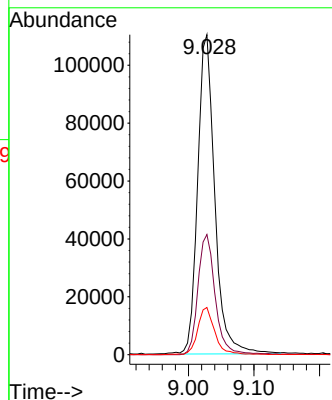
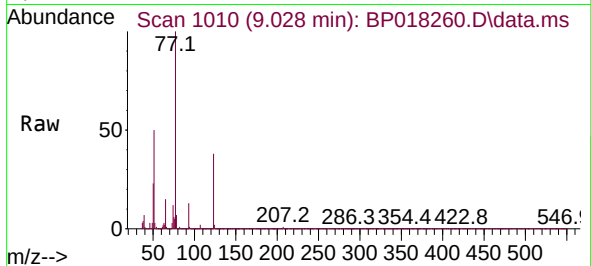




#22
Nitrobenzene
Concen: 43.795 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

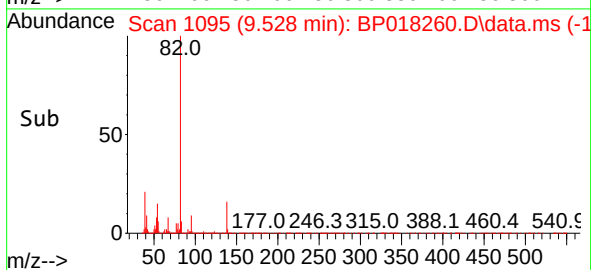
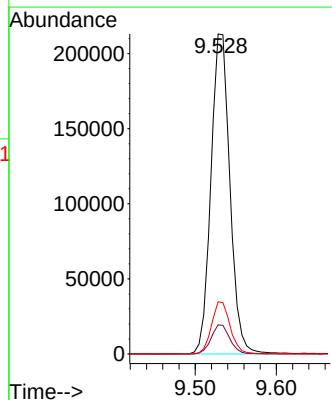
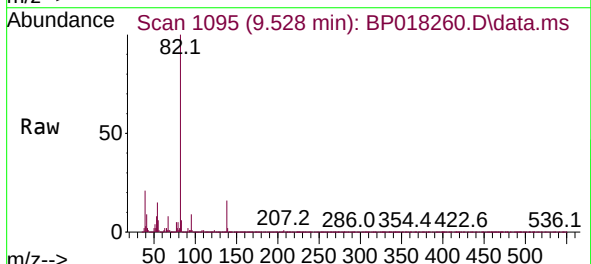
Instrument :
BNA_M
ClientSampleId :

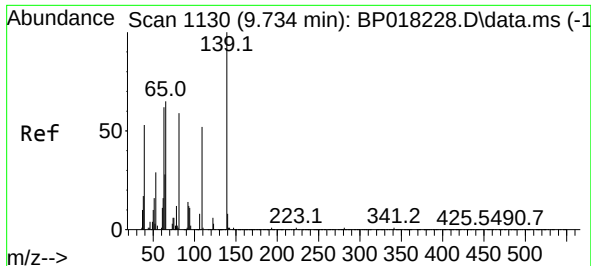
Tgt Ion: 77 Resp: 200561
Ion Ratio Lower Upper
77 100
123 37.5 27.8 41.8
65 14.8 11.5 17.3



#23
Isophorone
Concen: 41.375 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 82 Resp: 345747
Ion Ratio Lower Upper
82 100
95 9.1 6.6 9.8
138 16.3 13.1 19.7

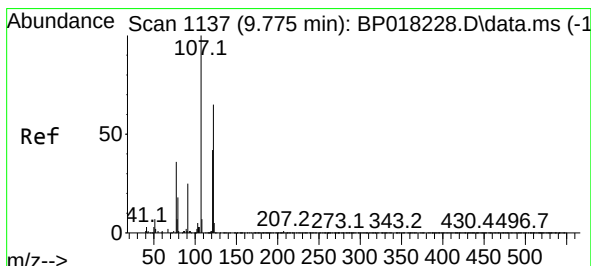
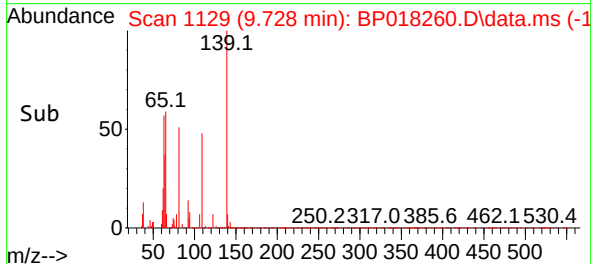
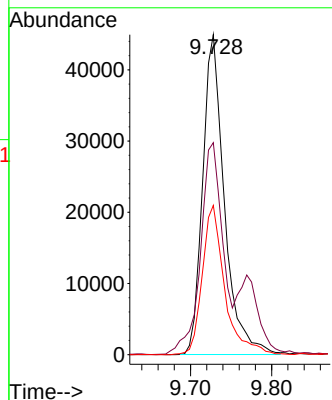
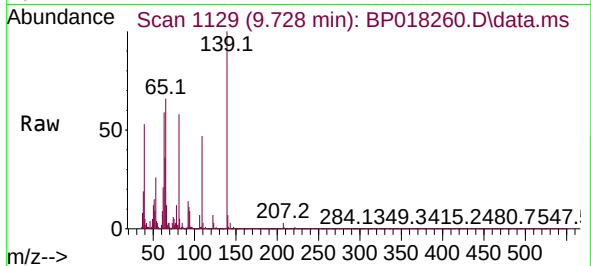




#25
2-Nitrophenol
Concen: 42.234 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

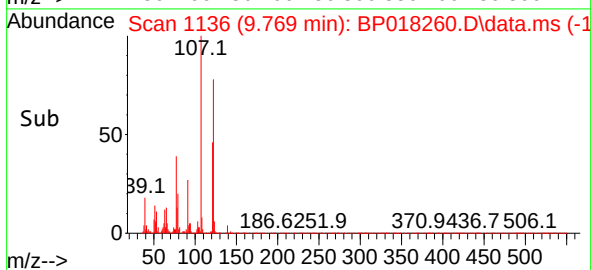
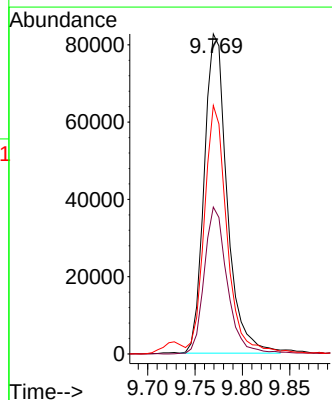
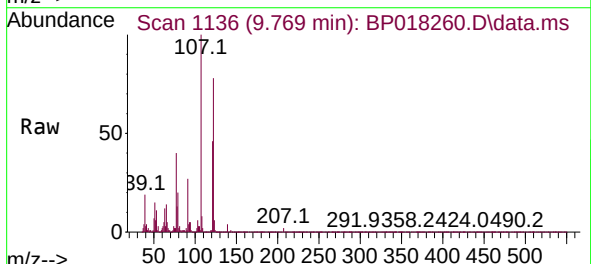
Instrument :
BNA_M
ClientSampleId :

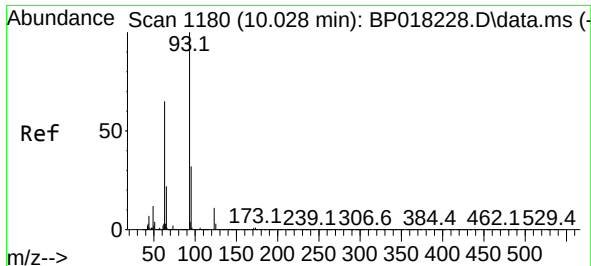
Tgt Ion:139 Resp: 83389
Ion Ratio Lower Upper
139 100
65 66.3 51.4 77.0
109 46.6 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 33.182 ng/ul
RT: 9.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:107 Resp: 139368
Ion Ratio Lower Upper
107 100
121 45.9 37.8 56.8
122 77.6 62.1 93.1





#27

Bis(2-Chloroethoxy)methane

Concen: 42.203 ng/ul

RT: 10.022 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

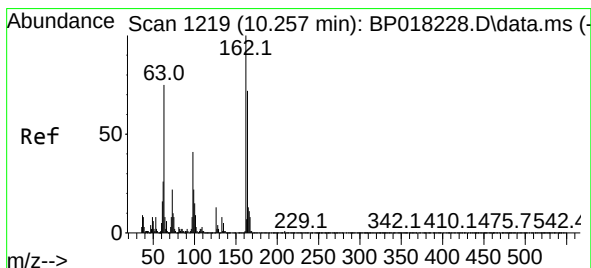
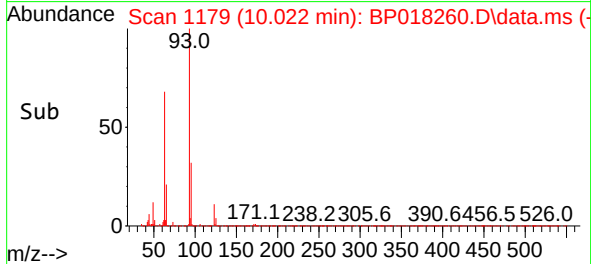
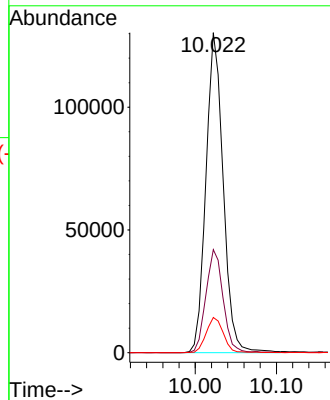
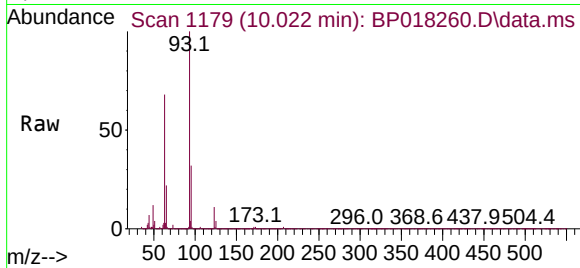
Tgt Ion: 93 Resp: 192313

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 11.0 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 42.890 ng/ul

RT: 10.246 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

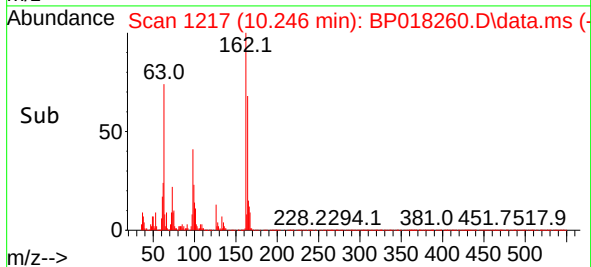
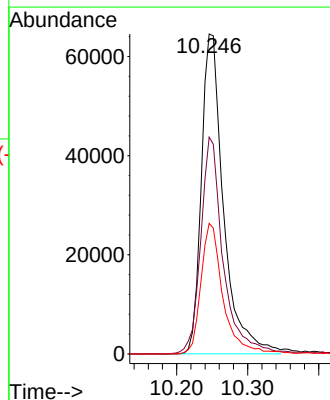
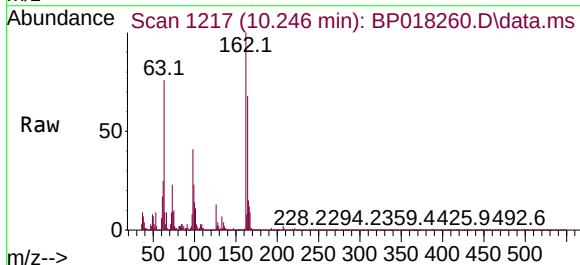
Tgt Ion:162 Resp: 140260

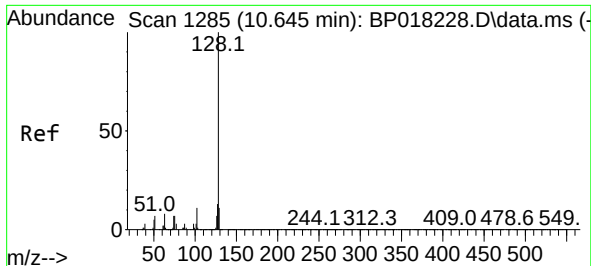
Ion Ratio Lower Upper

162 100

164 67.8 51.8 77.6

98 40.8 28.7 43.1

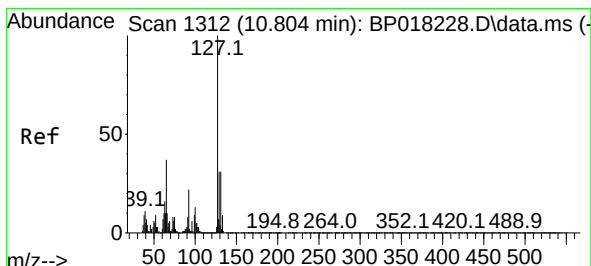
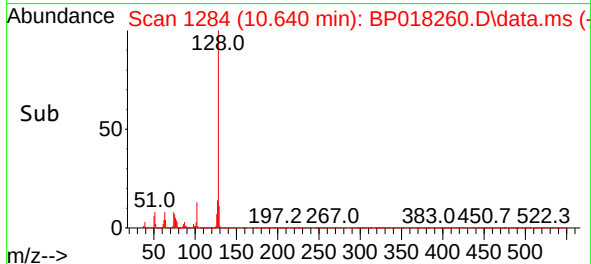
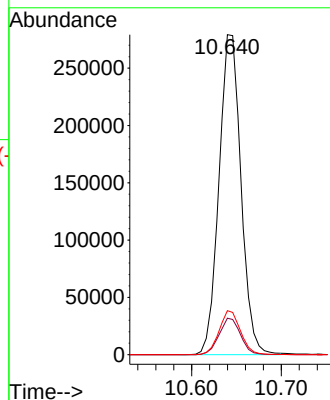
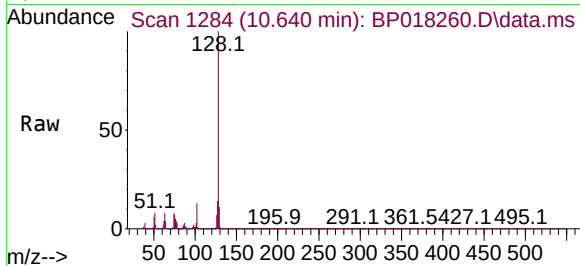




#30
Naphthalene
Concen: 41.554 ng/ul
RT: 10.640 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

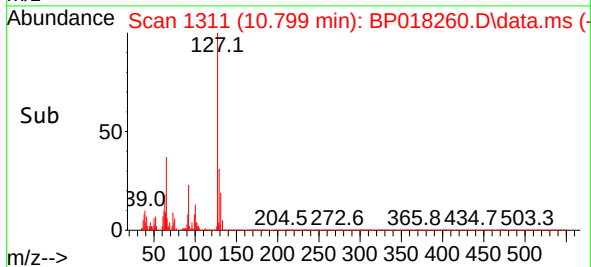
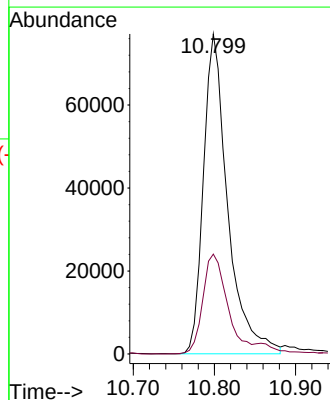
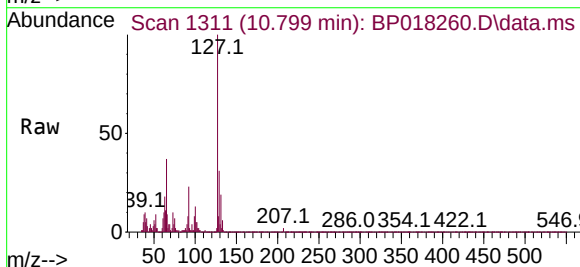
Instrument :
BNA_M
ClientSampleId :

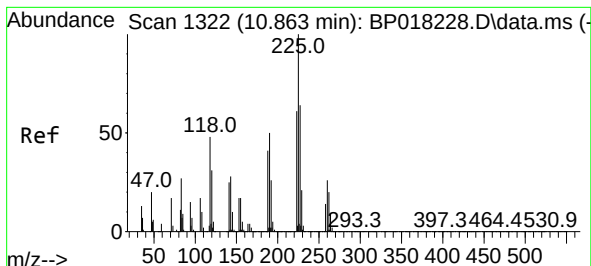
Tgt Ion:128 Resp: 475714
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.7 10.3 15.5



#32
4-Chloroaniline
Concen: 35.631 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:127 Resp: 160285
Ion Ratio Lower Upper
127 100
129 31.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 43.750 ng/ul

RT: 10.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

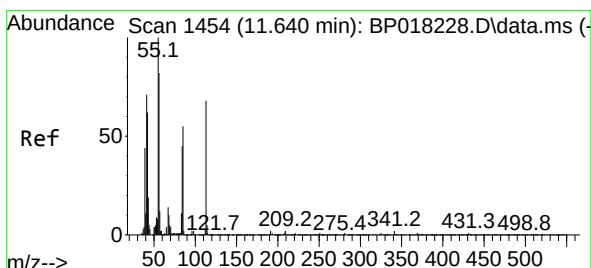
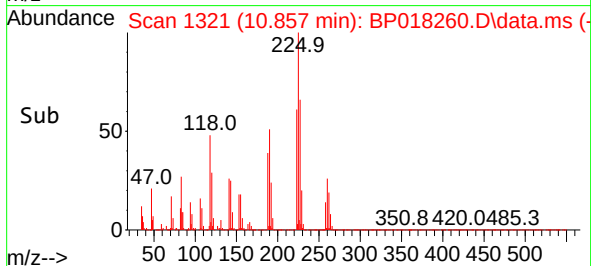
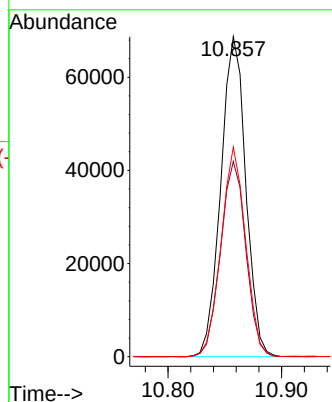
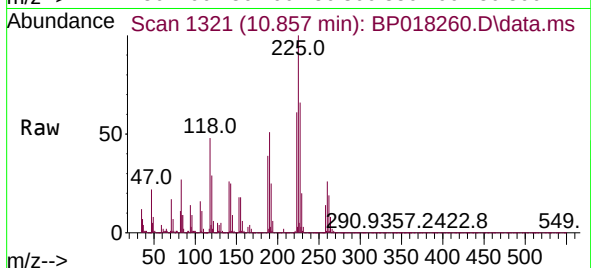
Tgt Ion:225 Resp: 105031

Ion Ratio Lower Upper

225 100

223 61.0 52.5 78.7

227 65.5 51.9 77.9



#34

Caprolactam

Concen: 30.638 ng/ul

RT: 11.628 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

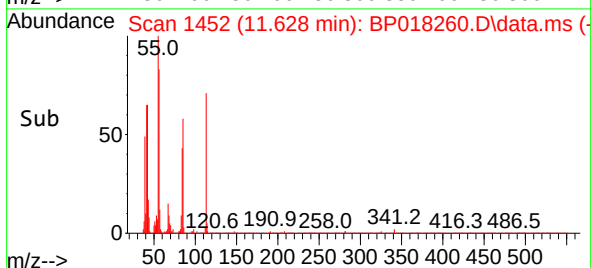
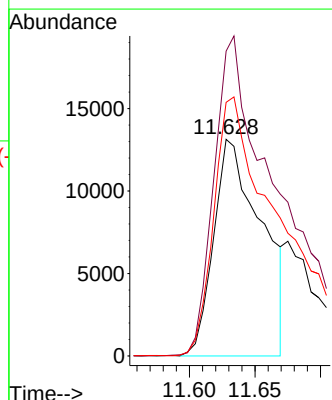
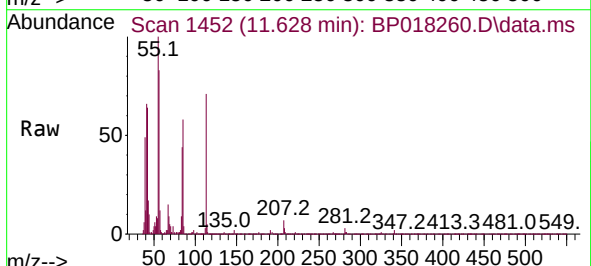
Tgt Ion:113 Resp: 33284

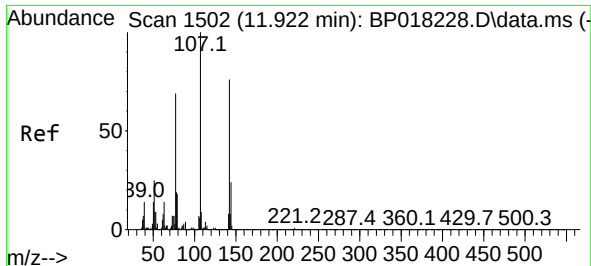
Ion Ratio Lower Upper

113 100

55 140.7 118.3 177.5

56 117.0 95.6 143.4

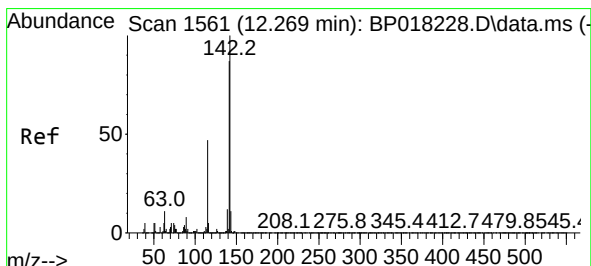
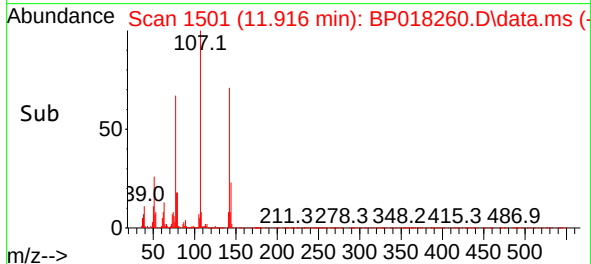
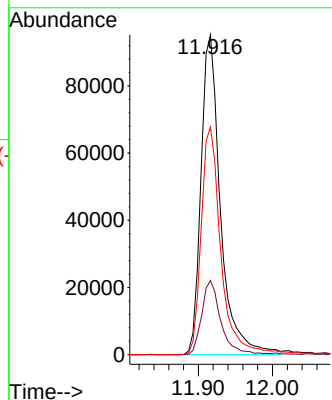
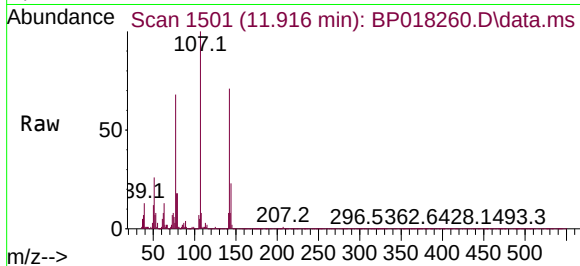




#35
4-Chloro-3-methylphenol
Concen: 44.177 ng/ul
RT: 11.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

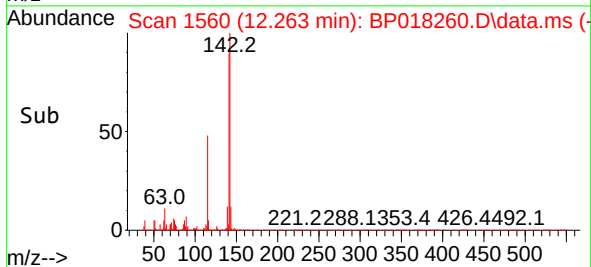
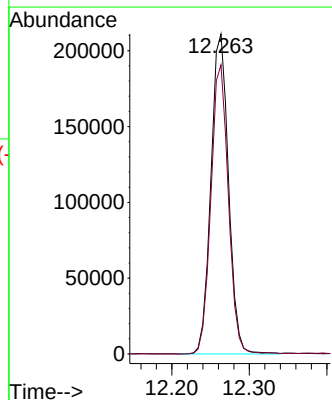
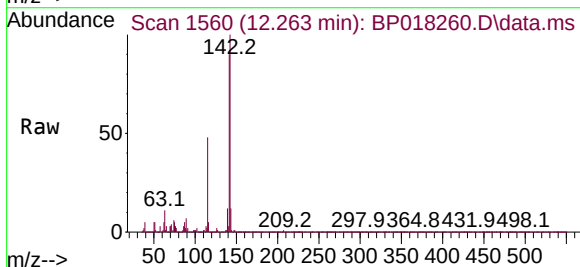
Instrument :
BNA_M
ClientSampleId :

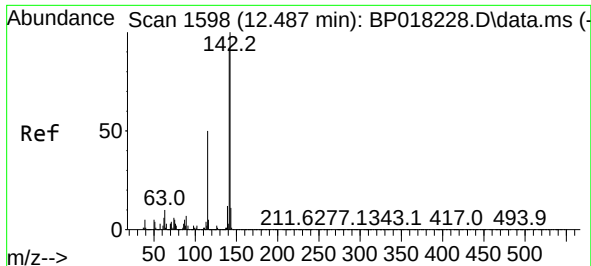
Tgt Ion:107 Resp: 173805
Ion Ratio Lower Upper
107 100
144 23.2 19.1 28.7
142 71.2 54.8 82.2



#36
2-Methylnaphthalene
Concen: 42.246 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:142 Resp: 332035
Ion Ratio Lower Upper
142 100
141 90.4 71.7 107.5





#37

1-Methylnaphthalene

Concen: 41.308 ng/ul

RT: 12.481 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

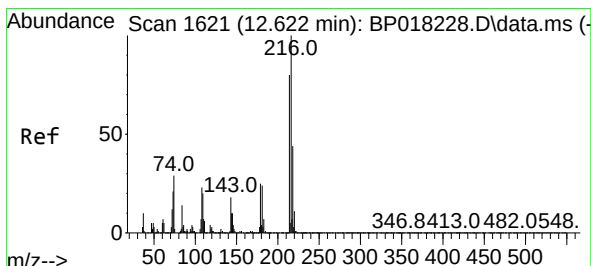
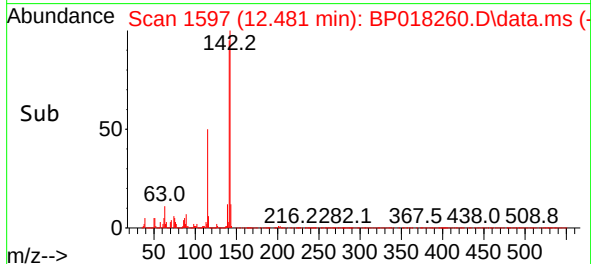
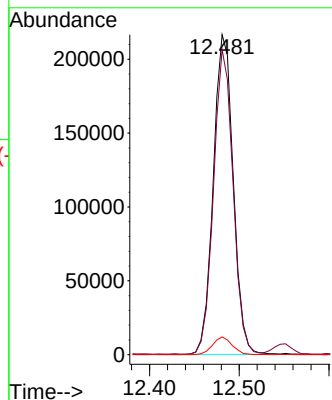
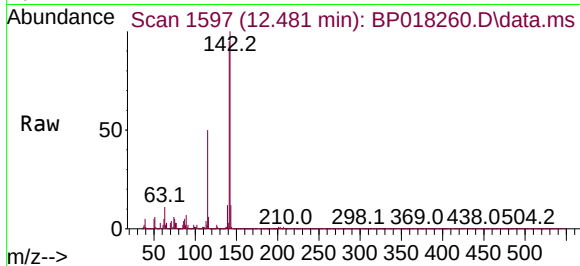
Tgt Ion:142 Resp: 333627

Ion Ratio Lower Upper

142 100

141 95.4 72.8 109.2

116 5.6 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.449 ng/ul

RT: 12.616 min Scan# 1620

Delta R.T. -0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Tgt Ion:216 Resp: 182168

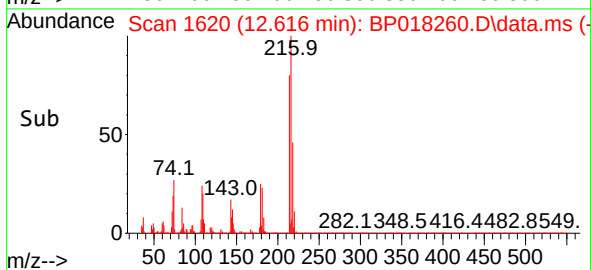
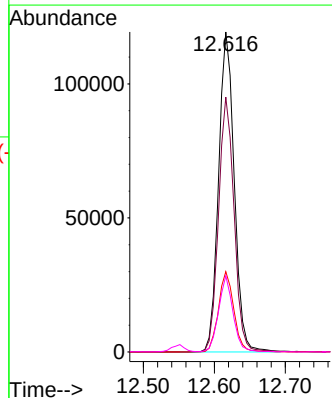
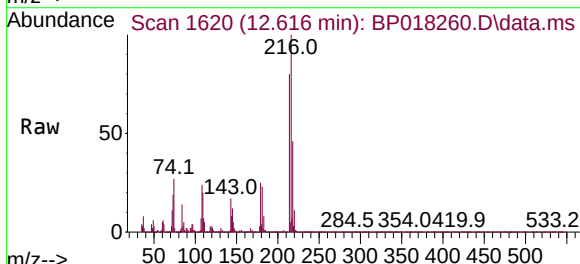
Ion Ratio Lower Upper

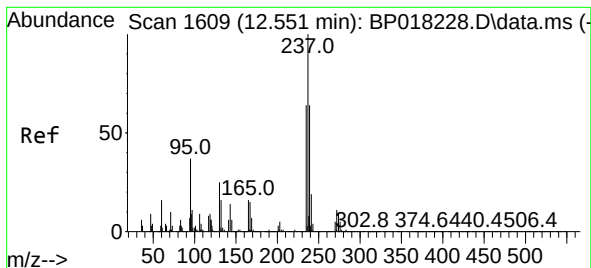
216 100

214 79.7 64.8 97.2

179 25.1 18.3 27.5

108 23.8 15.7 23.5#





#40

Hexachlorocyclopentadiene

Concen: 30.684 ng/ul

RT: 12.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BP018260.D

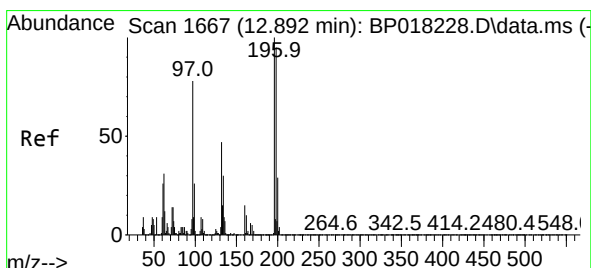
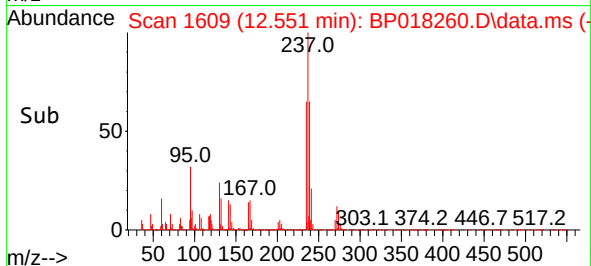
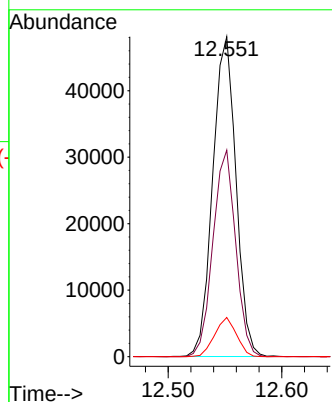
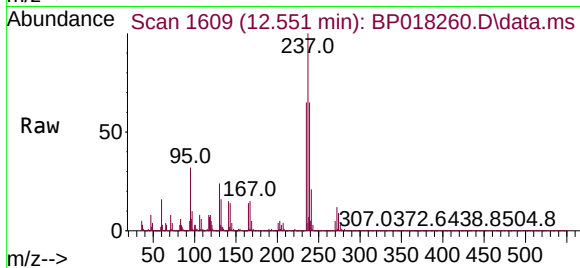
Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:237	Resp:	68395
Ion Ratio	Lower	Upper
237	100	
235	64.6	49.9 74.9
272	12.2	8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 38.286 ng/ul

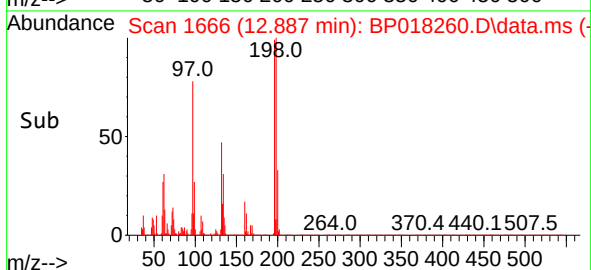
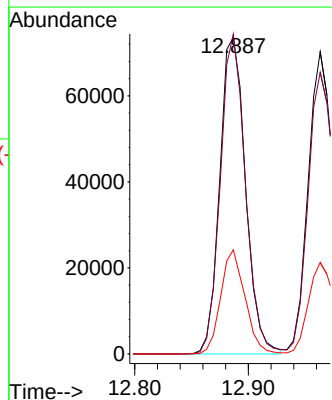
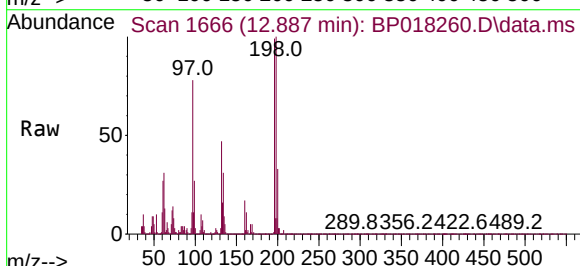
RT: 12.887 min Scan# 1666

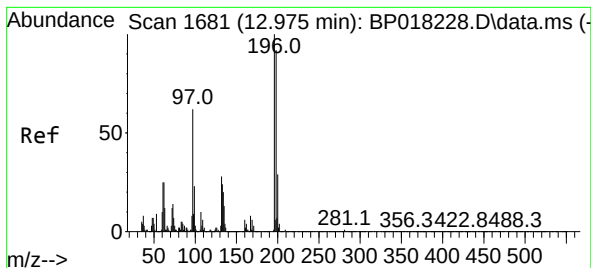
Delta R.T. -0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Tgt Ion:196	Resp:	115981
Ion Ratio	Lower	Upper
196	100	
198	101.1	78.9 118.3
200	32.9	25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 39.489 ng/ul

RT: 12.963 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

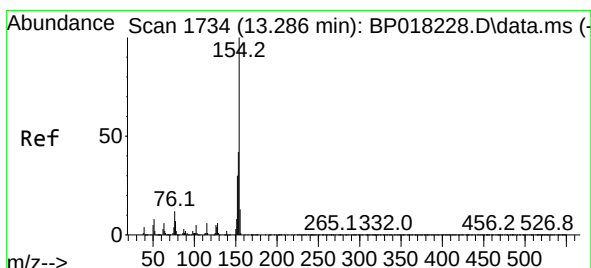
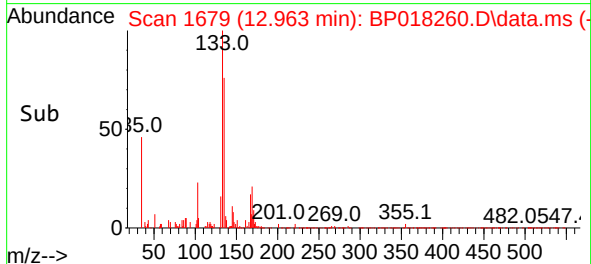
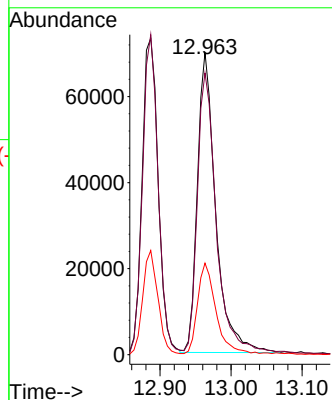
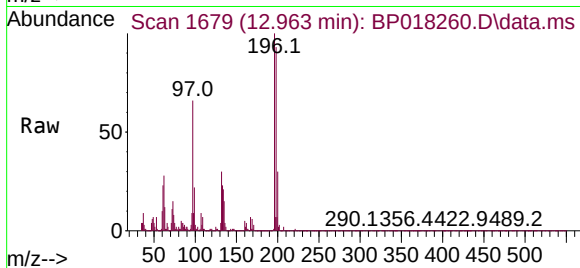
Tgt Ion:196 Resp: 125897

Ion Ratio Lower Upper

196 100

198 93.2 78.9 118.3

200 30.3 26.6 40.0



#43

1,1'-Biphenyl

Concen: 38.992 ng/ul

RT: 13.287 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

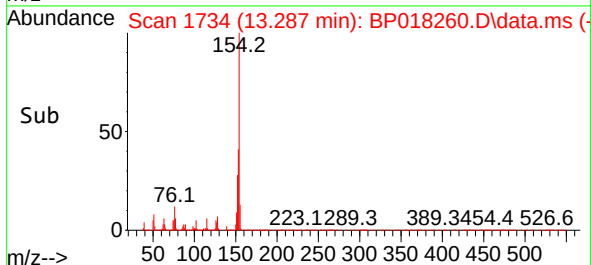
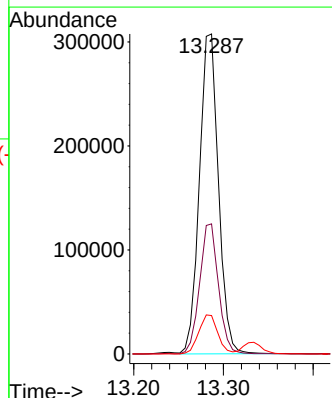
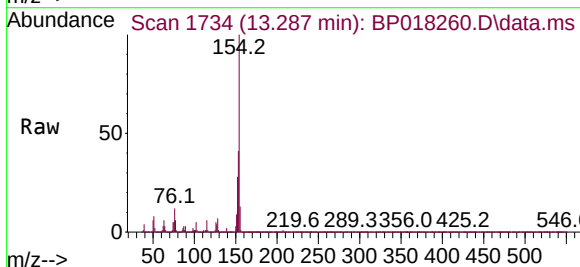
Tgt Ion:154 Resp: 453227

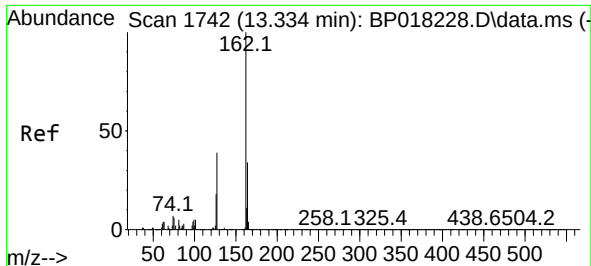
Ion Ratio Lower Upper

154 100

153 40.7 32.4 48.6

76 12.0 9.8 14.8

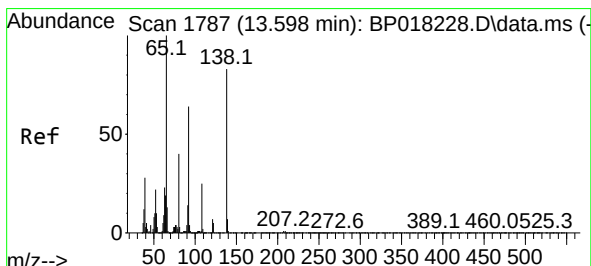
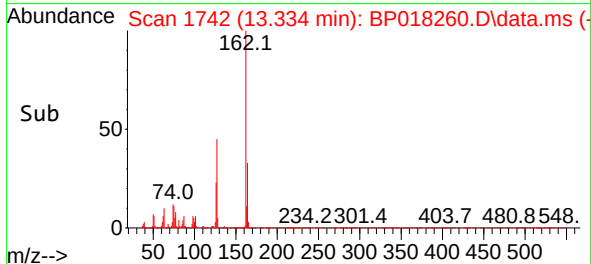
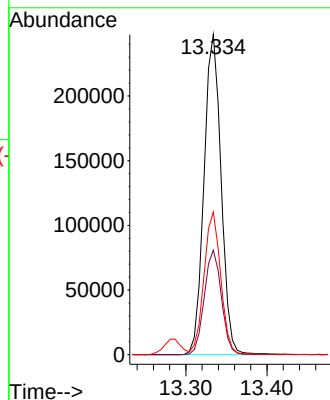
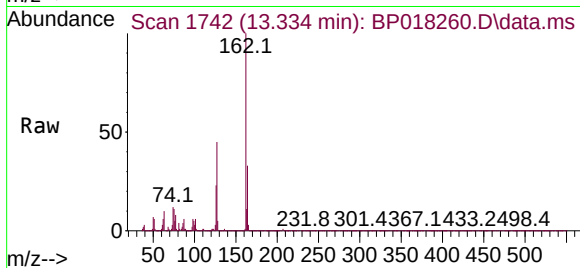




#44
2-Chloronaphthalene
Concen: 39.260 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

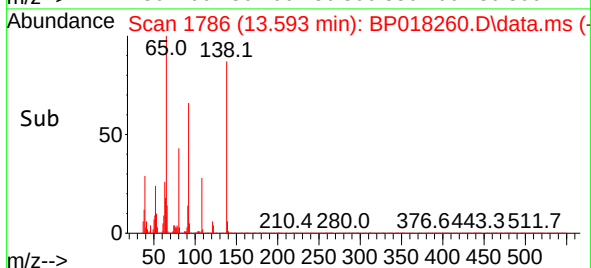
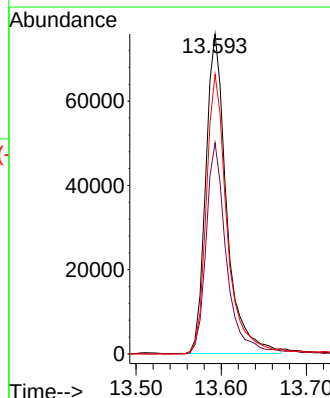
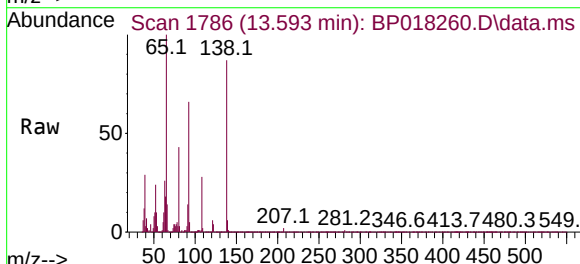
Instrument :
BNA_M
ClientSampleId :

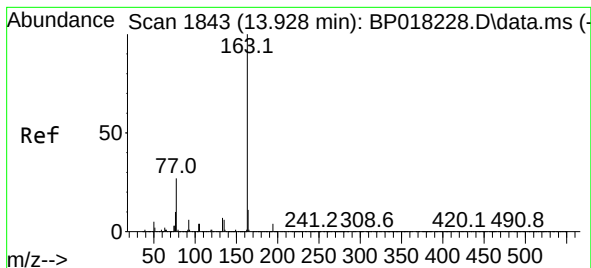
Tgt Ion:162 Resp: 362305
Ion Ratio Lower Upper
162 100
164 32.6 26.9 40.3
127 44.6 35.4 53.2



#45
2-Nitroaniline
Concen: 43.268 ng/ul
RT: 13.593 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 65 Resp: 128852
Ion Ratio Lower Upper
65 100
92 66.0 53.8 80.6
138 87.4 75.1 112.7





#47

Dimethylphthalate

Concen: 42.721 ng/ul

RT: 13.928 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

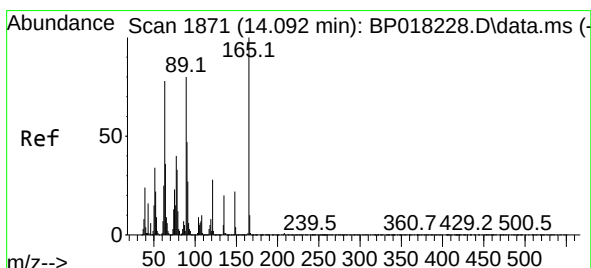
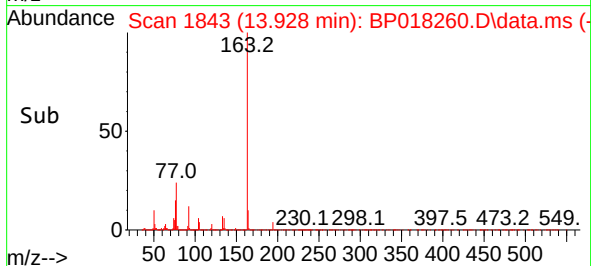
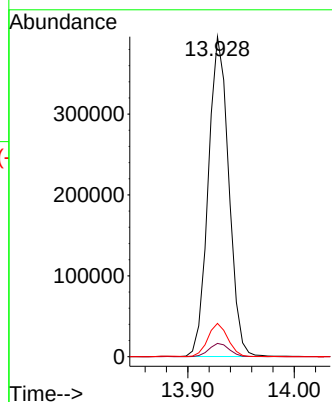
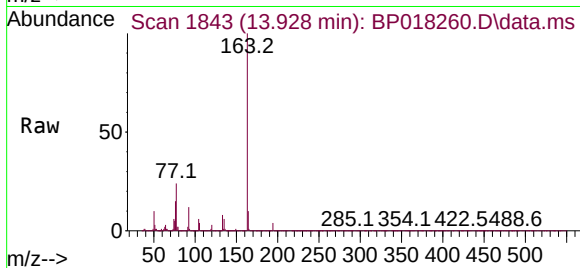
Tgt Ion:163 Resp: 528558

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.4 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 43.252 ng/ul

RT: 14.087 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

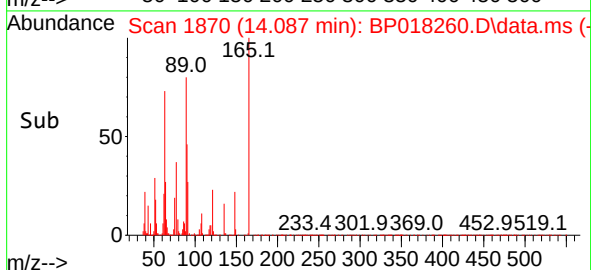
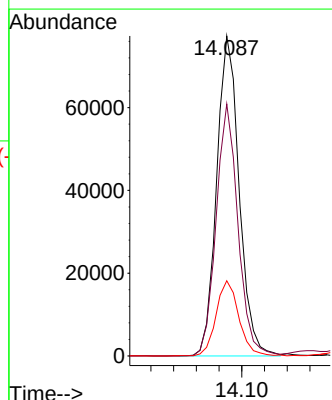
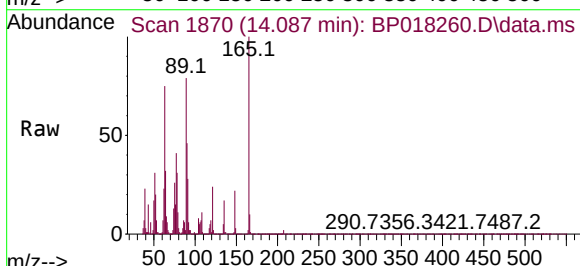
Tgt Ion:165 Resp: 106363

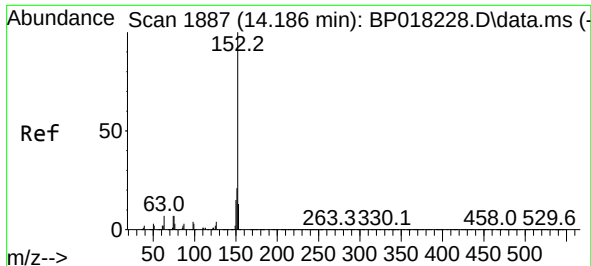
Ion Ratio Lower Upper

165 100

89 78.8 59.4 89.0

121 23.5 18.2 27.4

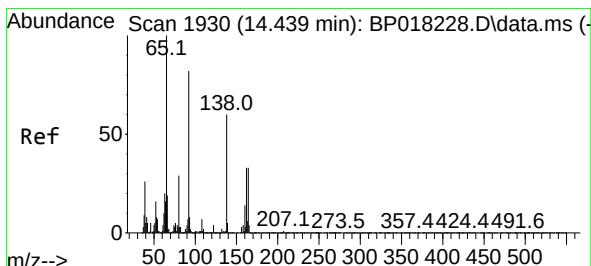
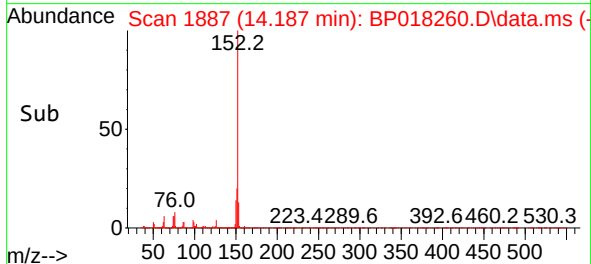
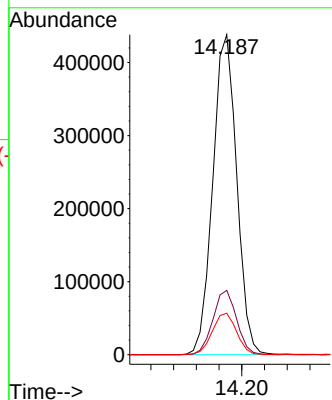
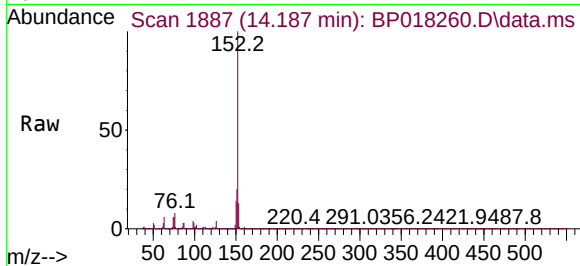




#50
Acenaphthylene
Concen: 41.252 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

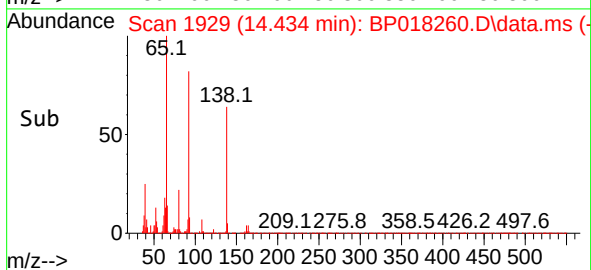
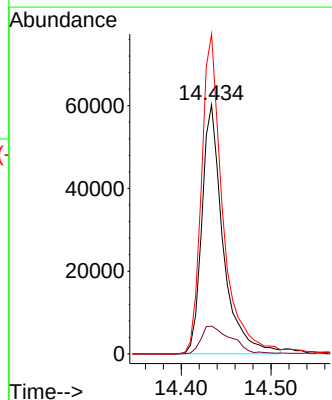
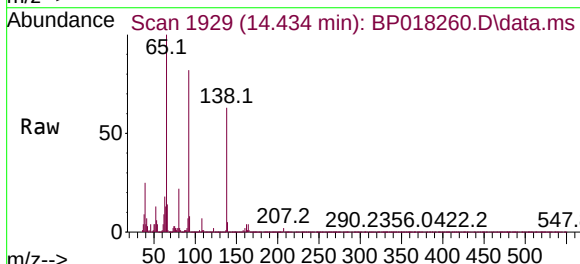
Instrument :
BNA_M
ClientSampleId :

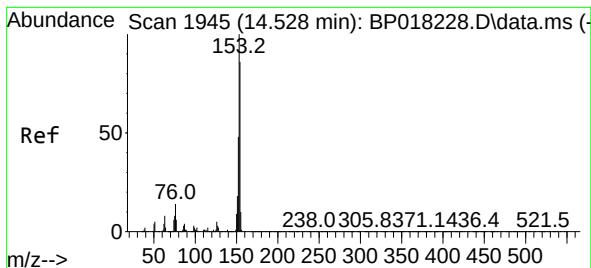
Tgt Ion:152 Resp: 639802
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.9 10.4 15.6



#51
3-Nitroaniline
Concen: 43.256 ng/ul
RT: 14.434 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:138 Resp: 98707
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 128.4 99.0 148.4





#52

Acenaphthene

Concen: 41.636 ng/ul

RT: 14.522 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

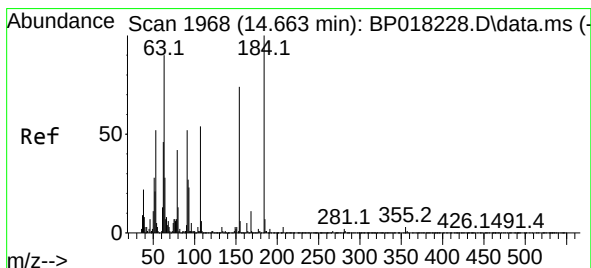
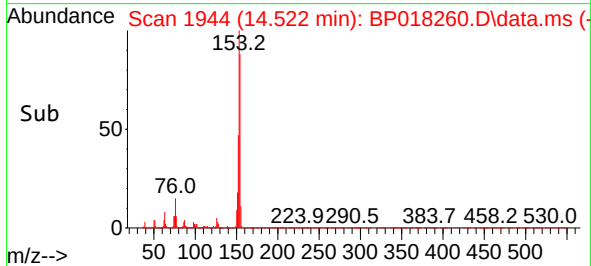
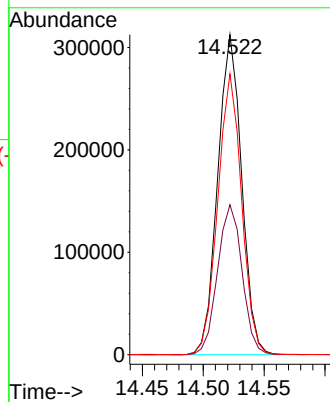
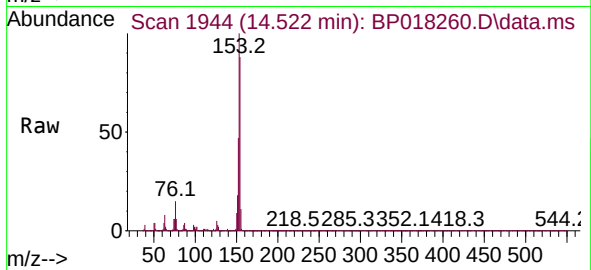
Tgt Ion:153 Resp: 428204

Ion Ratio Lower Upper

153 100

152 46.9 39.0 58.6

154 87.7 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 36.070 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. -0.023 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

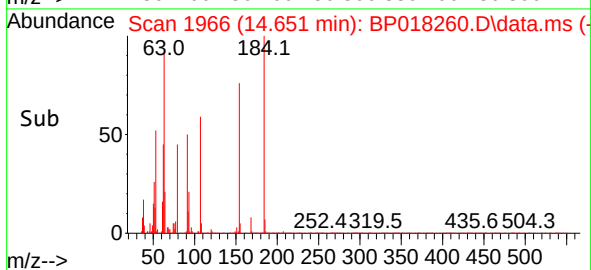
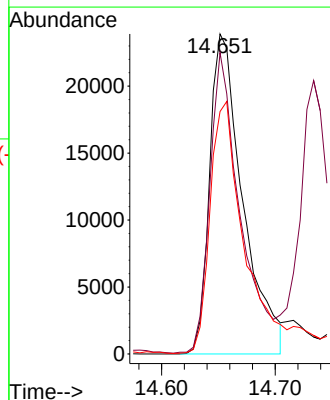
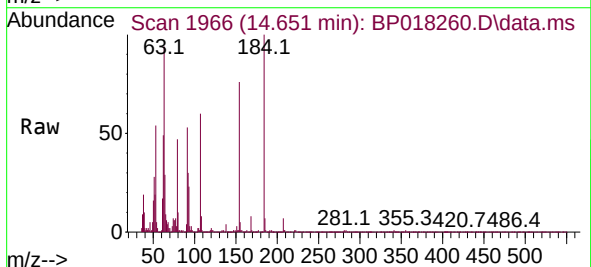
Tgt Ion:184 Resp: 48390

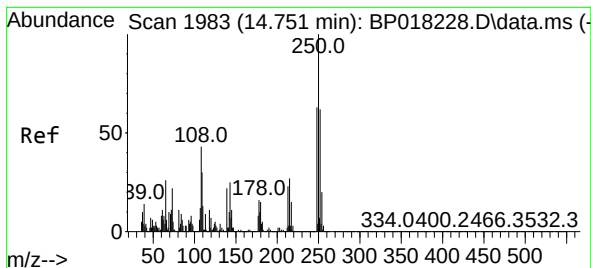
Ion Ratio Lower Upper

184 100

63 94.1 67.7 101.5

154 75.7 60.2 90.4

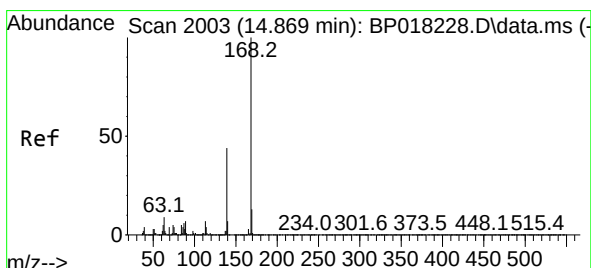
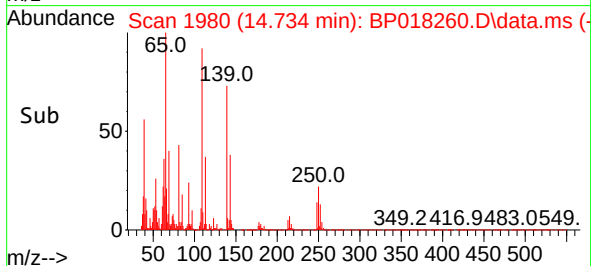
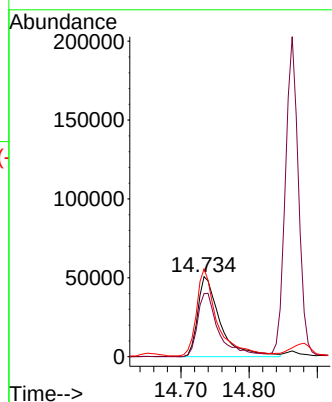
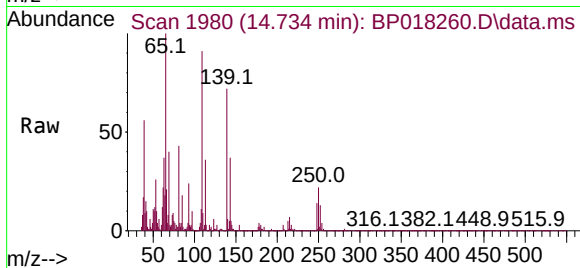




#55
4-Nitrophenol
Concen: 46.262 ng/ul
RT: 14.734 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

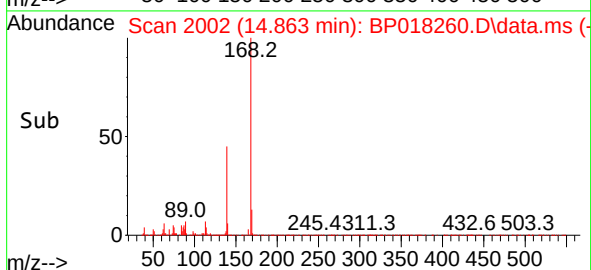
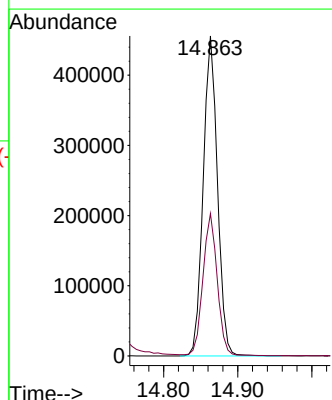
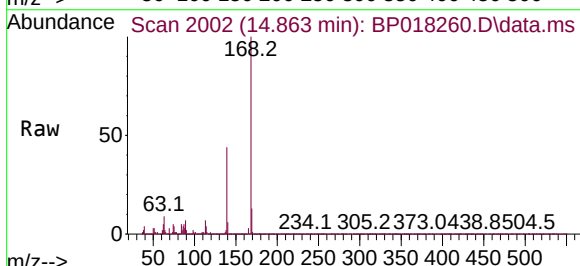
Instrument :
BNA_M
ClientSampleId :

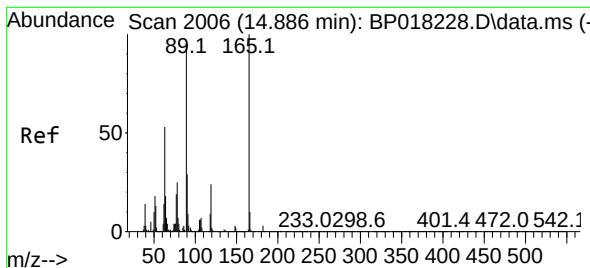
Tgt Ion:109 Resp: 115737
Ion Ratio Lower Upper
109 100
139 78.8 74.9 112.3
65 109.6 93.8 140.6



#56
Dibenzofuran
Concen: 43.170 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:168 Resp: 608427
Ion Ratio Lower Upper
168 100
139 44.5 34.0 51.0

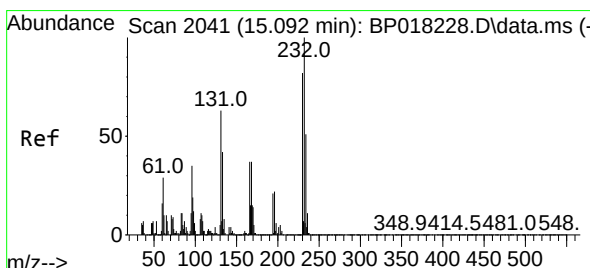
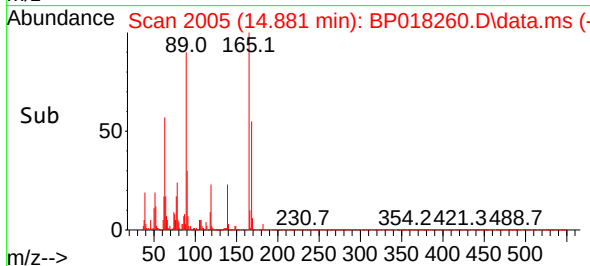
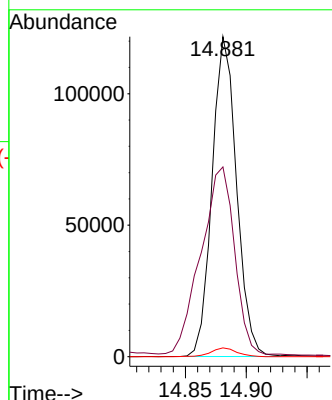
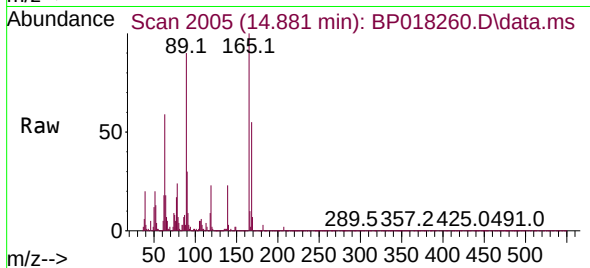




#57
2,4-Dinitrotoluene
Concen: 46.292 ng/ul
RT: 14.881 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

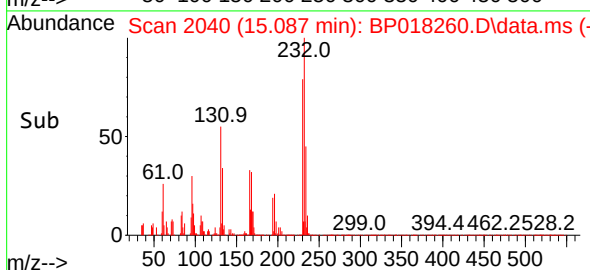
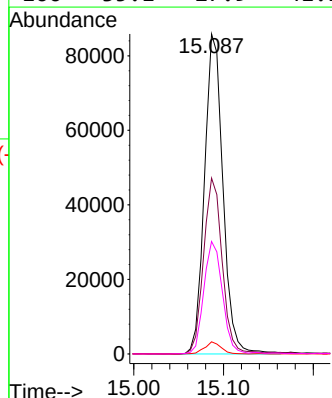
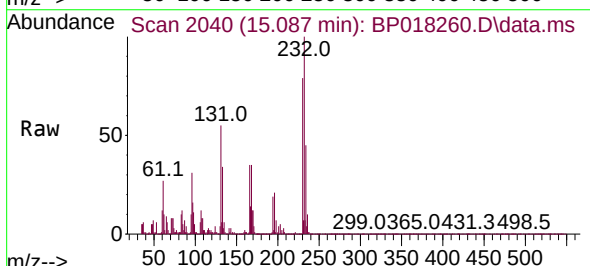
Instrument :
BNA_M
ClientSampleId :

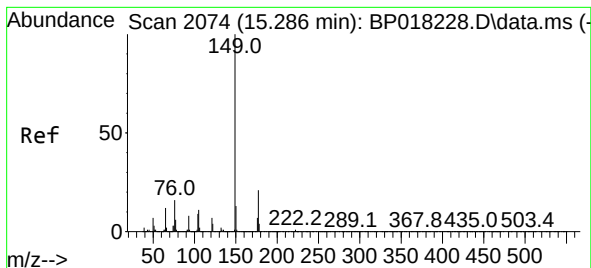
Tgt Ion:165 Resp: 170083
Ion Ratio Lower Upper
165 100
63 59.3 48.6 72.8
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.300 ng/ul
RT: 15.087 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:232 Resp: 122803
Ion Ratio Lower Upper
232 100
131 55.0 44.1 66.1
130 3.8 2.5 3.7#
166 35.1 27.9 41.9





#59

Diethylphthalate

Concen: 45.778 ng/ul

RT: 15.287 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

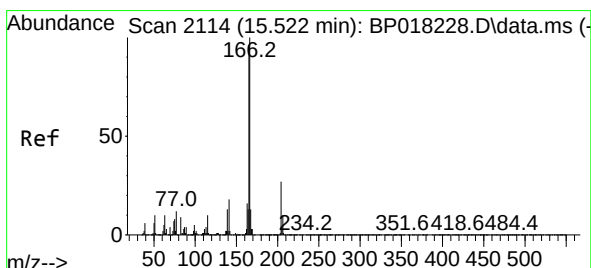
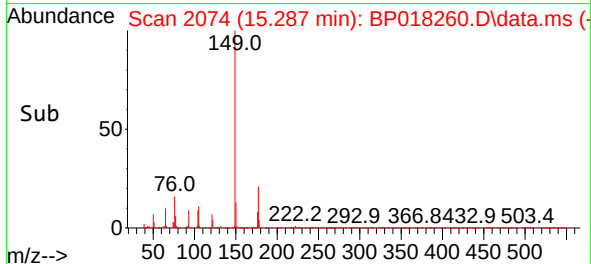
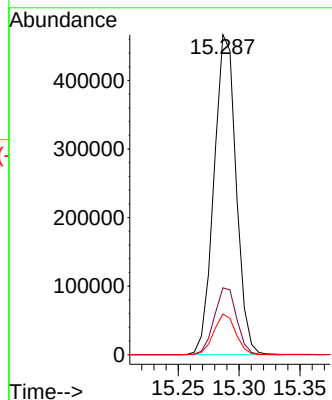
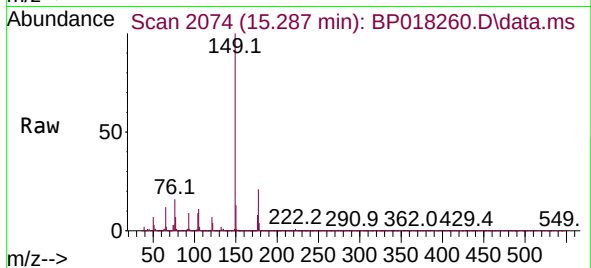
Tgt Ion:149 Resp: 591722

Ion Ratio Lower Upper

149 100

177 20.9 16.3 24.5

150 12.7 10.0 15.0



#61

Fluorene

Concen: 43.934 ng/ul

RT: 15.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

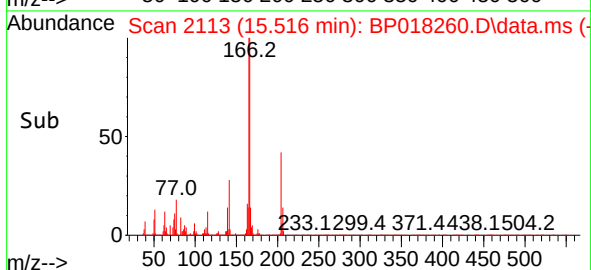
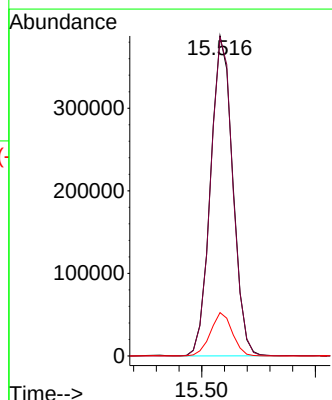
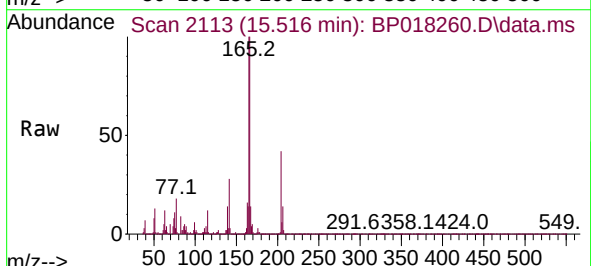
Tgt Ion:166 Resp: 525699

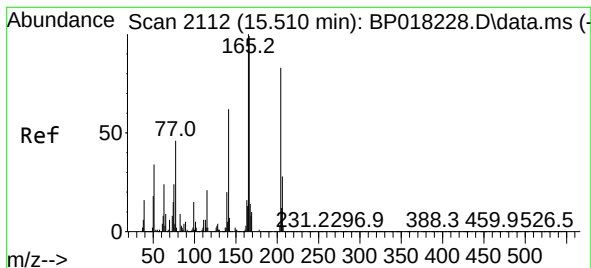
Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

167 13.5 10.6 16.0

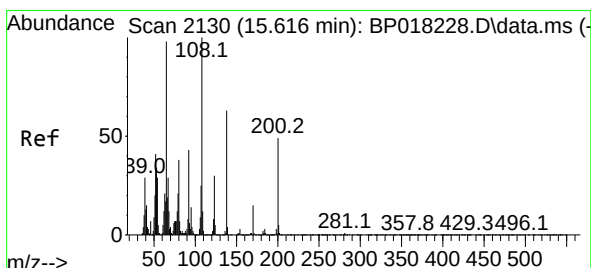
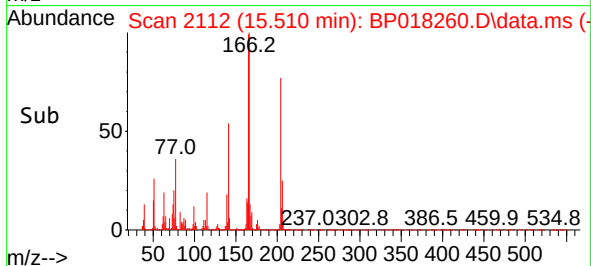
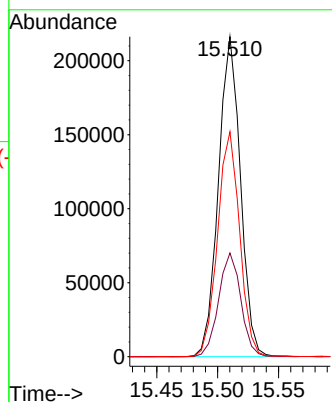
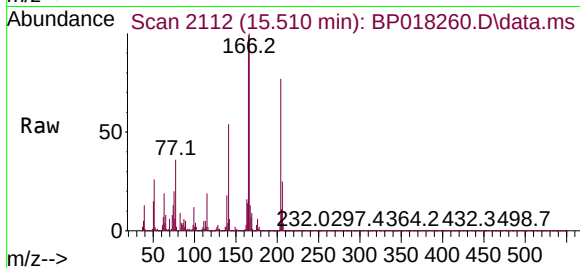




#62
4-Chlorophenyl-phenylether
Concen: 46.543 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

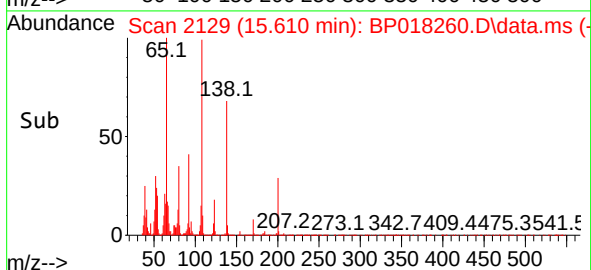
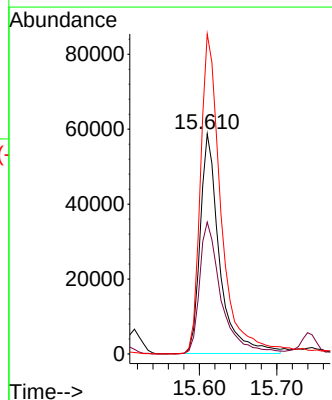
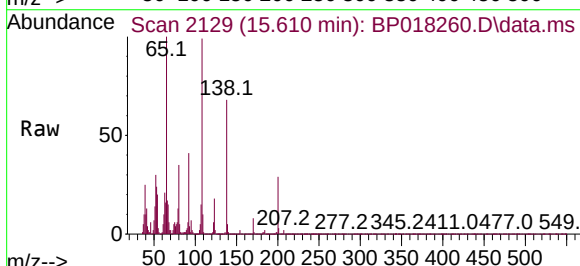
Instrument :
BNA_M
ClientSampleId :

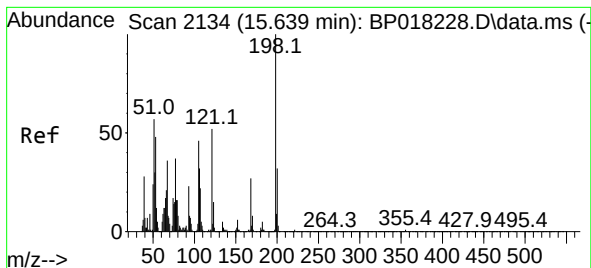
Tgt Ion:204 Resp: 272914
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 70.3 56.0 84.0



#63
4-Nitroaniline
Concen: 47.192 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:138 Resp: 101621
Ion Ratio Lower Upper
138 100
92 59.9 46.6 70.0
108 145.4 104.7 157.1

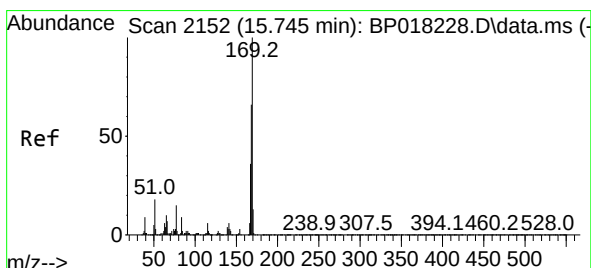
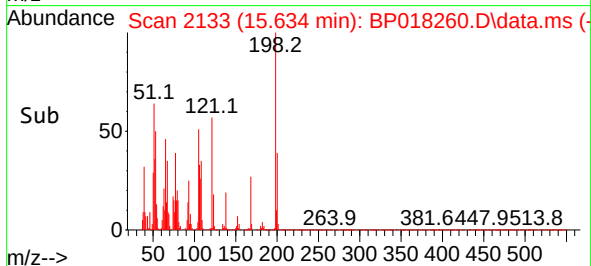
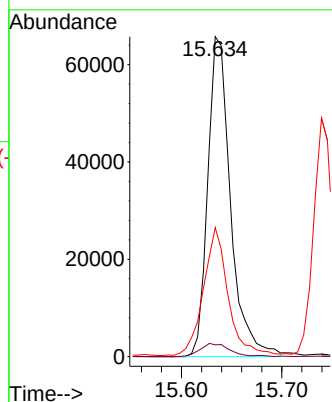
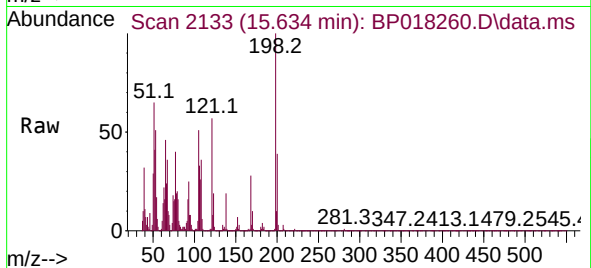




#66
4,6-Dinitro-2-methylphenol
Concen: 43.477 ng/ul
RT: 15.634 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

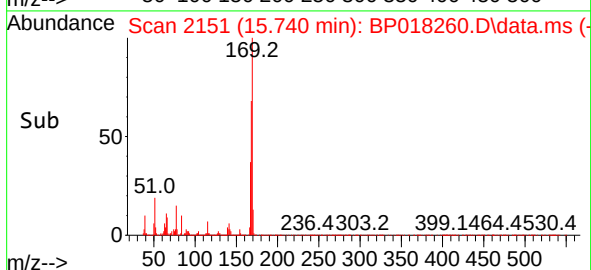
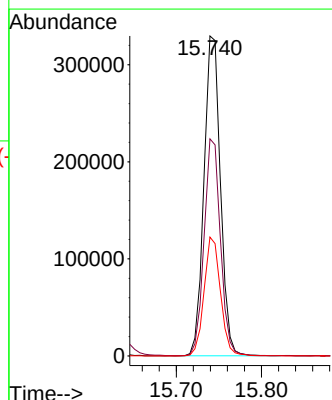
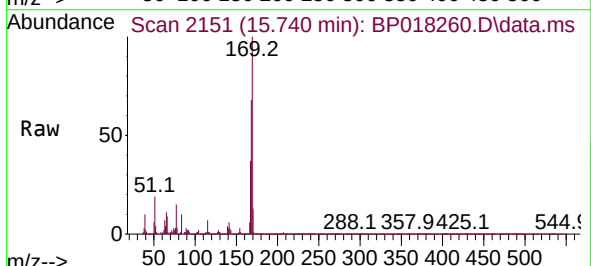
Instrument :
BNA_M
ClientSampleId :

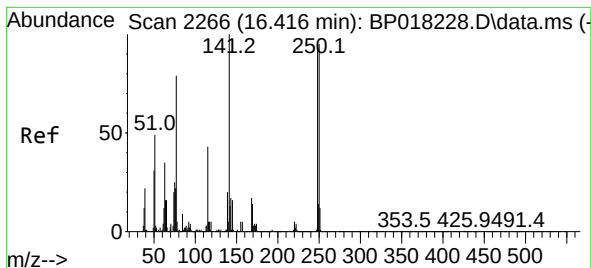
Tgt Ion:198 Resp: 104004
Ion Ratio Lower Upper
198 100
182 3.7 3.8 5.6#
77 40.3 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 43.328 ng/ul
RT: 15.740 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:169 Resp: 443117
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.8
167 37.1 29.8 44.6

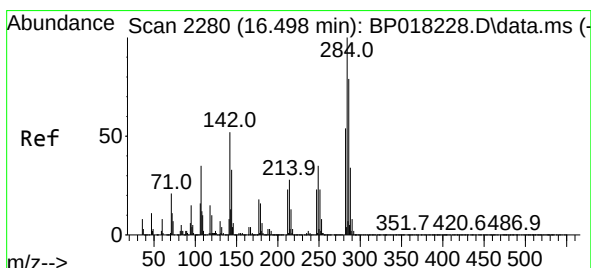
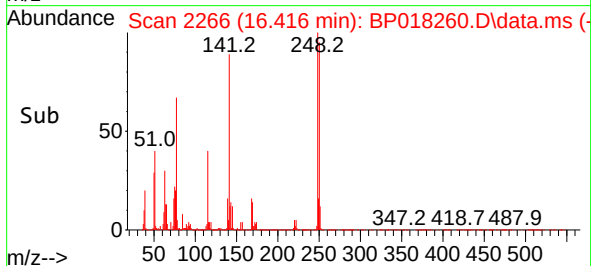
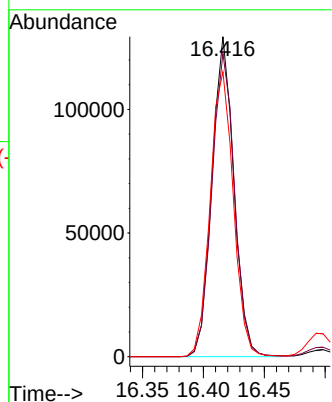
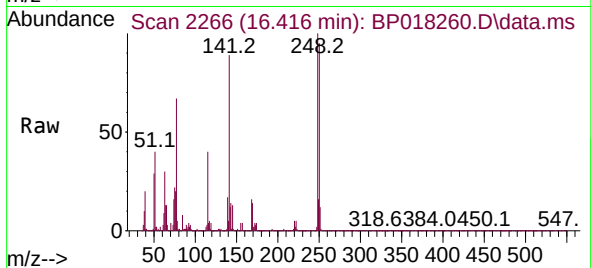




#68
4-Bromophenyl-phenylether
Concen: 45.176 ng/ul
RT: 16.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

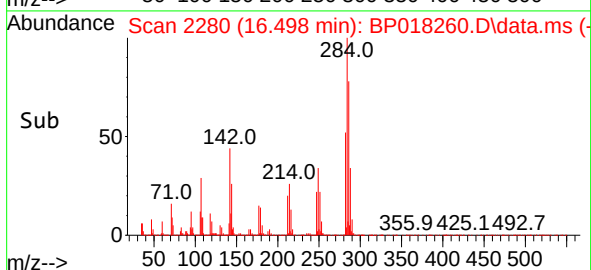
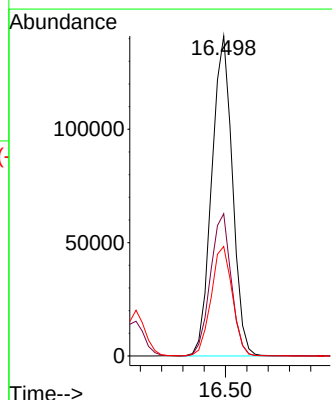
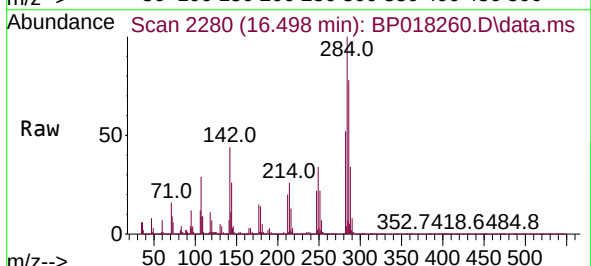
Instrument :
BNA_M
ClientSampleId :

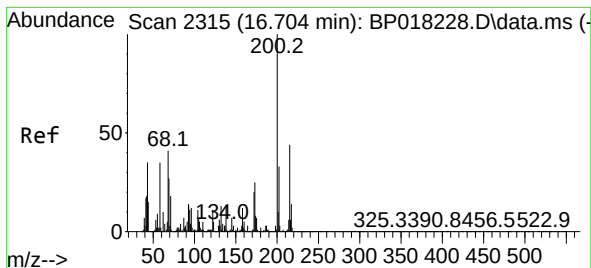
Tgt Ion:248 Resp: 162368
Ion Ratio Lower Upper
248 100
250 94.7 72.7 109.1
141 89.1 70.4 105.6



#69
Hexachlorobenzene
Concen: 47.432 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:284 Resp: 190228
Ion Ratio Lower Upper
284 100
142 44.5 38.9 58.3
249 34.2 28.6 43.0





#70

Atrazine

Concen: 38.251 ng/ul

RT: 16.704 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

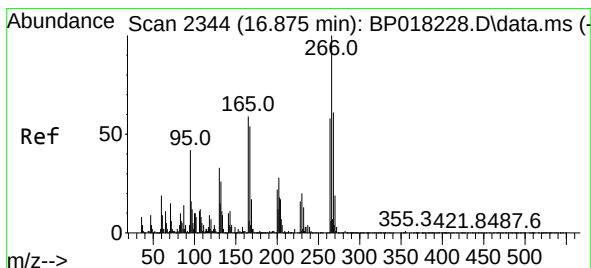
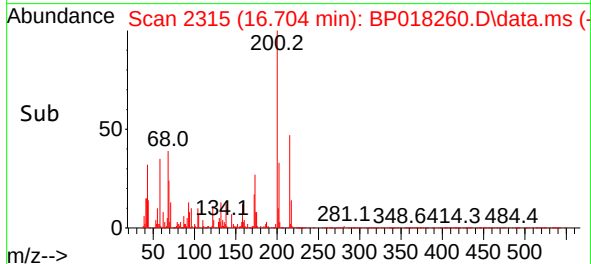
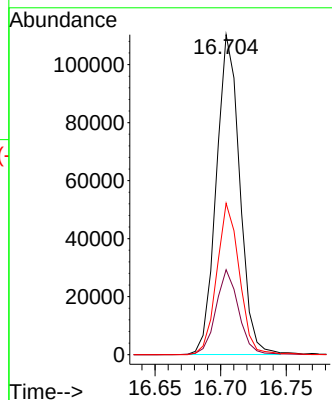
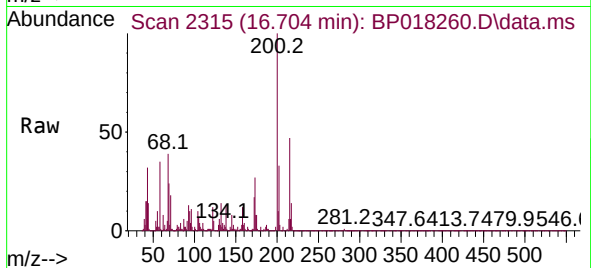
Tgt Ion:200 Resp: 136459

Ion Ratio Lower Upper

200 100

173 26.6 20.2 30.2

215 47.3 37.8 56.8



#71

Pentachlorophenol

Concen: 33.380 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

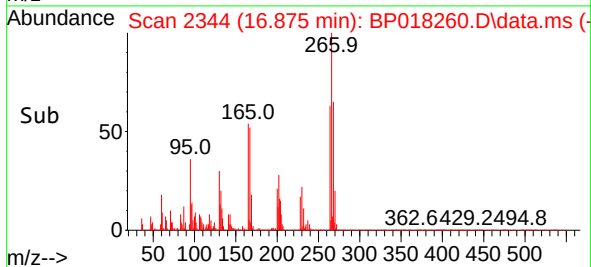
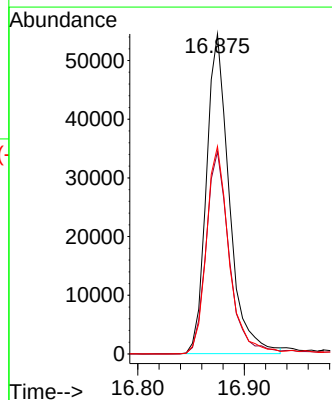
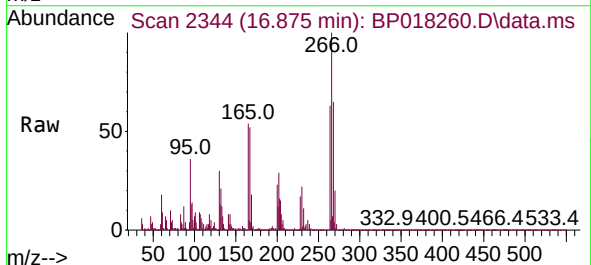
Tgt Ion:266 Resp: 81262

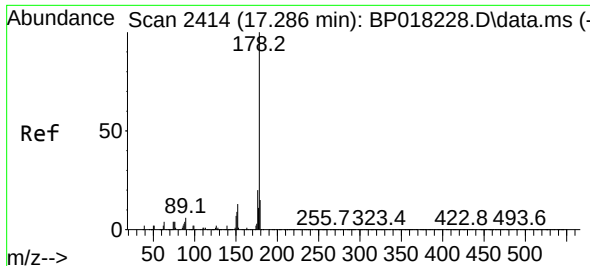
Ion Ratio Lower Upper

266 100

264 63.2 50.7 76.1

268 64.9 52.4 78.6

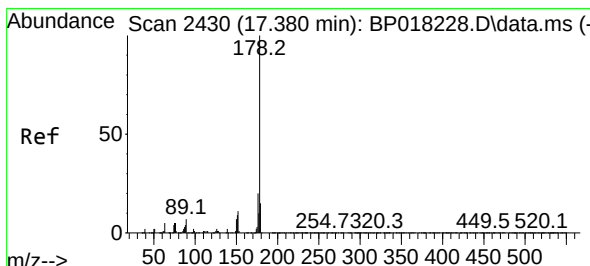
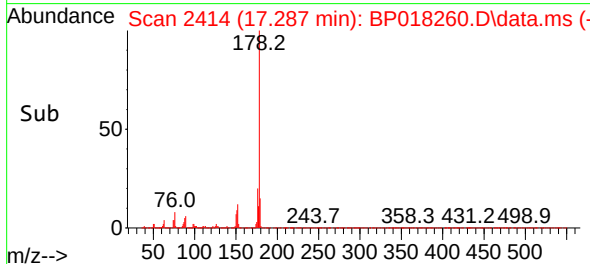
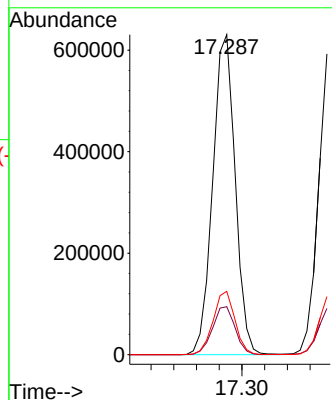
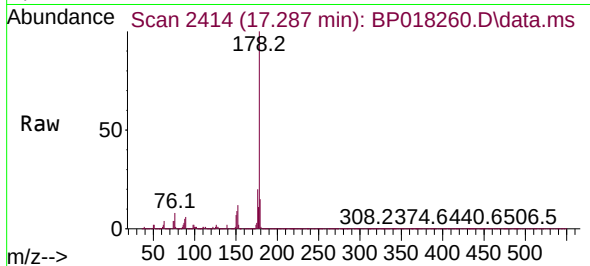




#72
Phenanthrene
Concen: 44.142 ng/ul
RT: 17.287 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

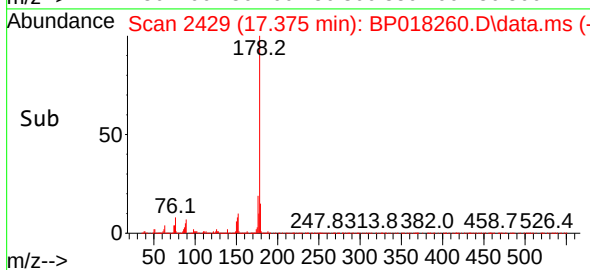
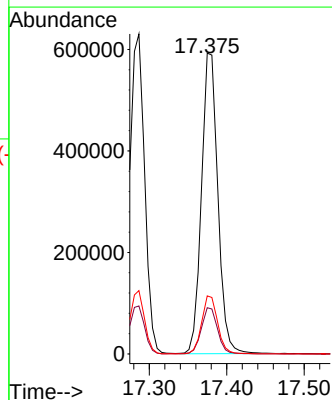
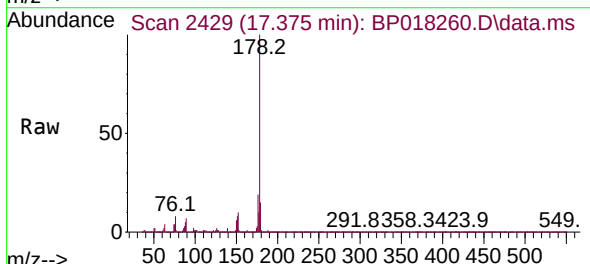
Instrument :
BNA_M
ClientSampleId :

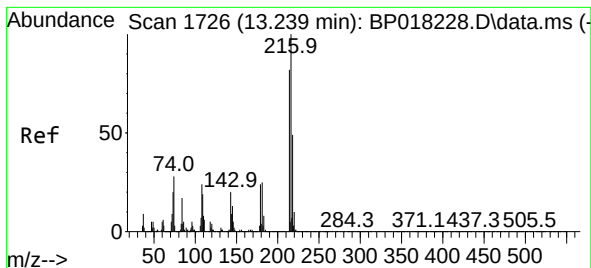
Tgt Ion:178 Resp: 864289
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 19.8 15.5 23.3



#74
Anthracene
Concen: 43.576 ng/ul
RT: 17.375 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:178 Resp: 870704
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.3 15.4 23.0

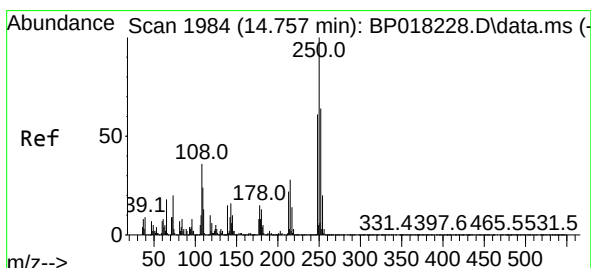
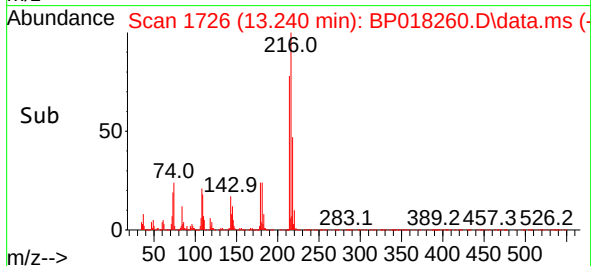
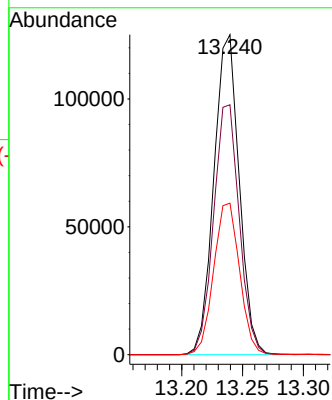
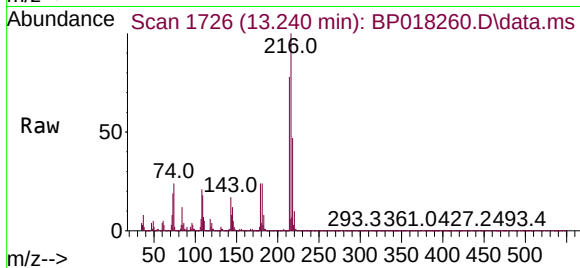




#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.250 ng/uL
RT: 13.240 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

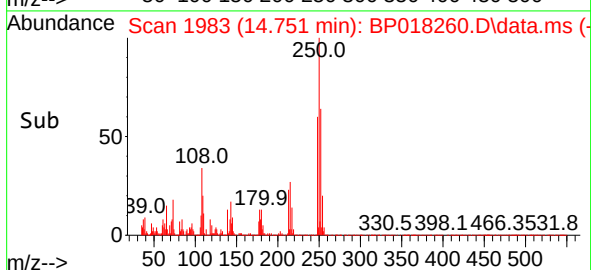
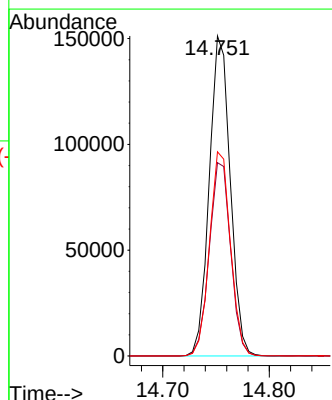
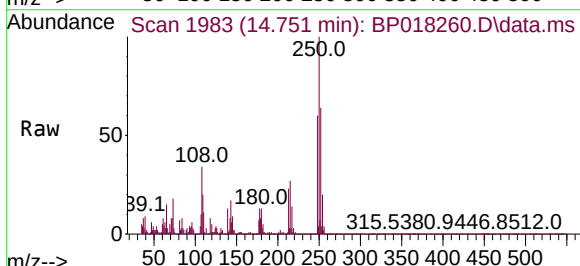
Instrument :
BNA_M
ClientSampleId :

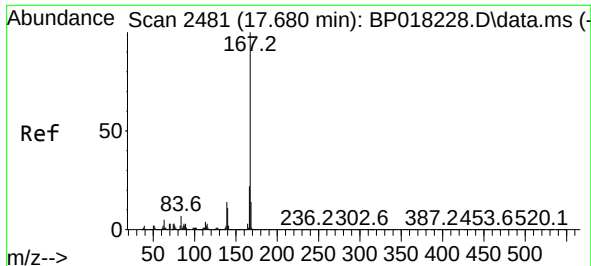
Tgt Ion:216 Resp: 181398
Ion Ratio Lower Upper
216 100
214 78.1 64.0 96.0
218 47.4 39.0 58.4



#76
Pentachlorobenzene
Concen: 43.387 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:250 Resp: 206835
Ion Ratio Lower Upper
250 100
248 60.4 52.7 79.1
252 63.8 52.3 78.5

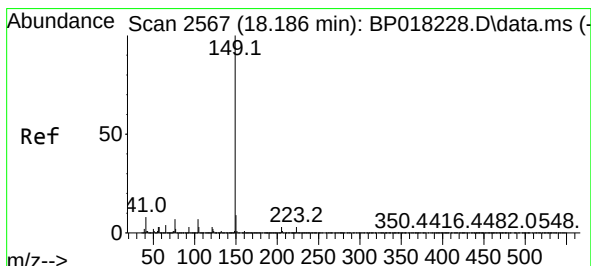
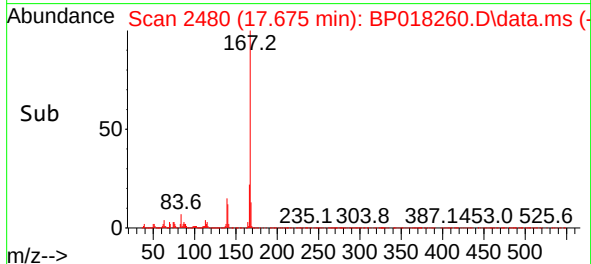
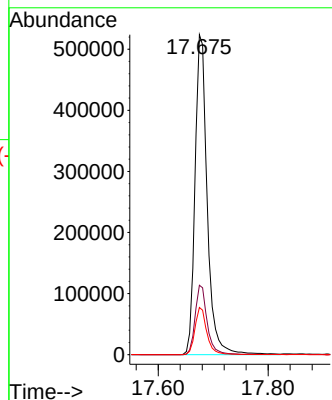
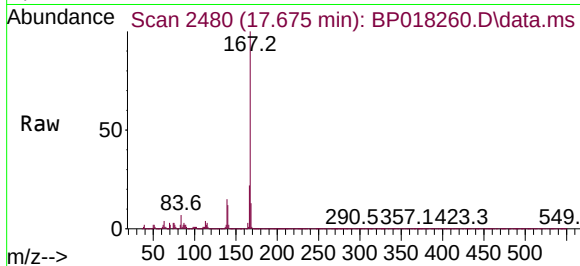




#77
Carbazole
Concen: 46.374 ng/ul
RT: 17.675 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

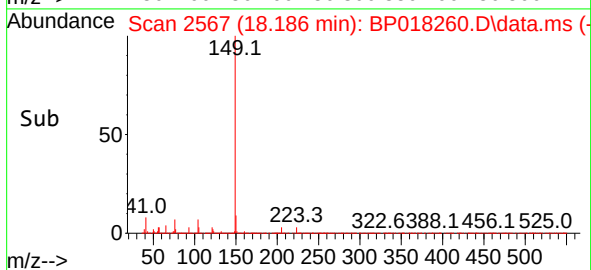
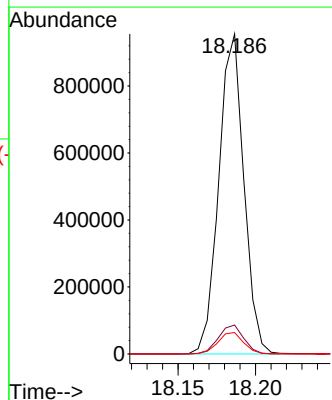
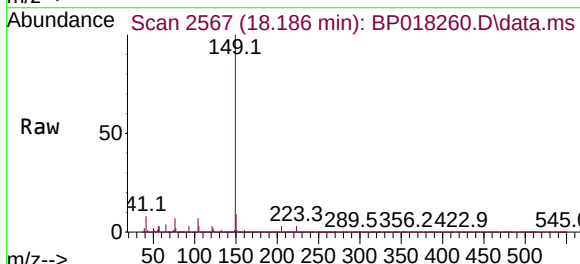
Instrument :
BNA_M
ClientSampleId :

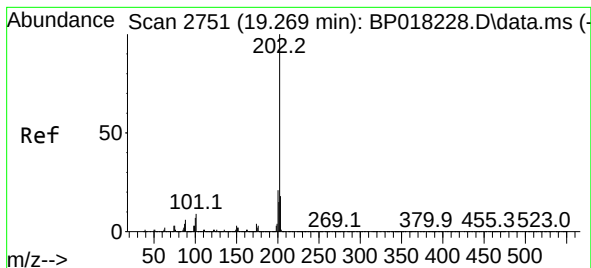
Tgt Ion:167 Resp: 804650
Ion Ratio Lower Upper
167 100
166 21.7 17.6 26.4
139 14.7 11.4 17.0



#78
Di-n-butylphthalate
Concen: 48.750 ng/ul
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:149 Resp: 1073258
Ion Ratio Lower Upper
149 100
150 9.0 6.7 10.1
104 6.7 5.1 7.7

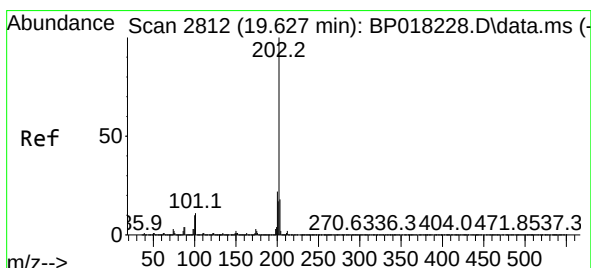
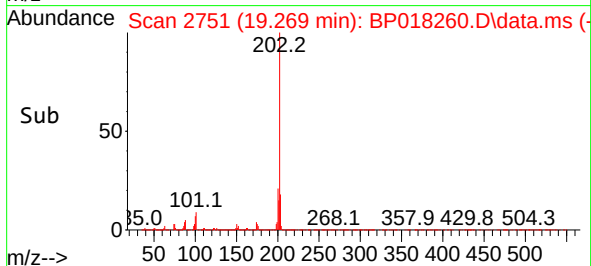
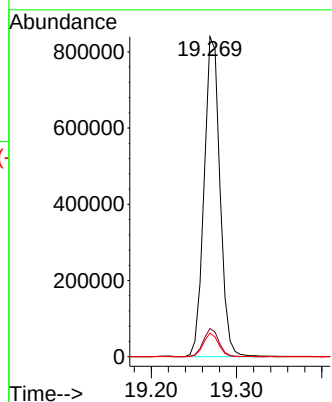
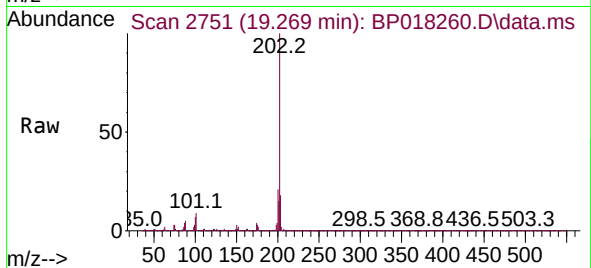




#80
Fluoranthene
Concen: 42.265 ng/u1
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

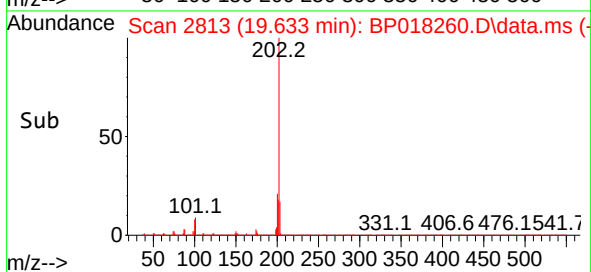
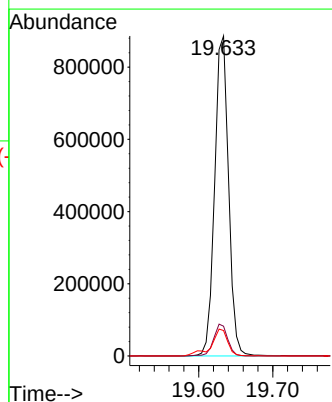
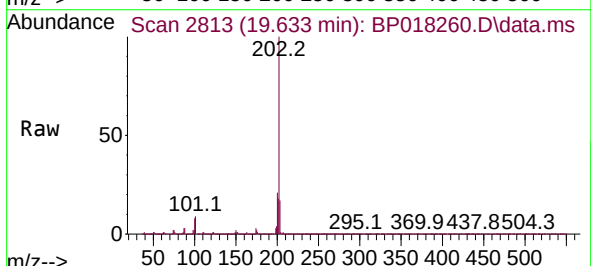
Instrument :
BNA_M
ClientSampleId :

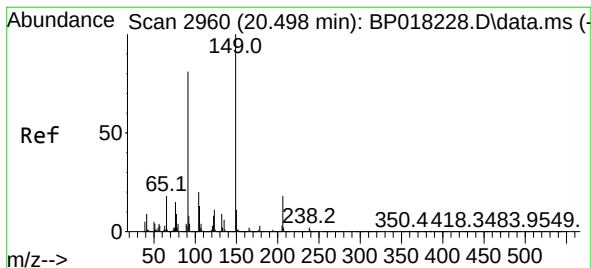
Tgt Ion:202 Resp: 1083820
Ion Ratio Lower Upper
202 100
101 8.8 7.2 10.8
100 7.3 5.8 8.6



#82
Pyrene
Concen: 42.895 ng/u1
RT: 19.633 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP018260.D
Acq: 18 Nov 2023 14:22

Tgt Ion:202 Resp: 1152652
Ion Ratio Lower Upper
202 100
101 9.3 8.3 12.5
100 8.0 7.4 11.2





#83

Butylbenzylphthalate

Concen: 43.247 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

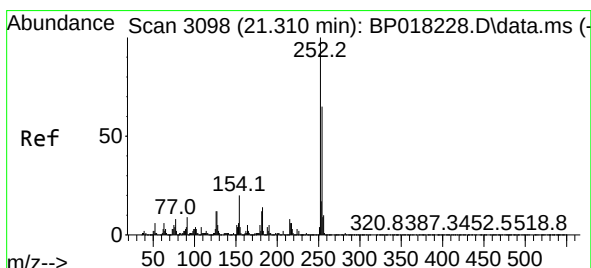
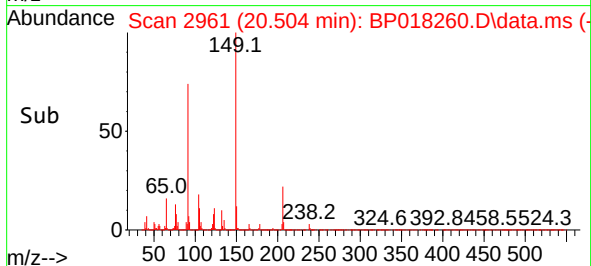
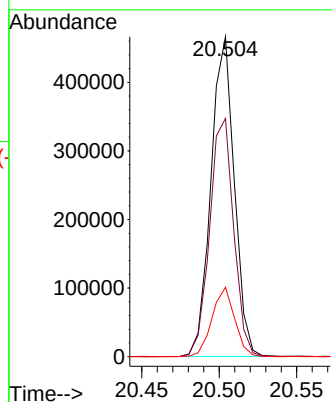
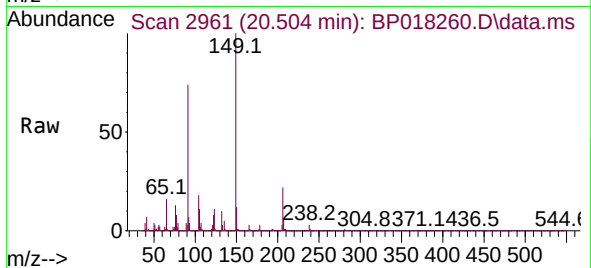
Tgt Ion:149 Resp: 488717

Ion Ratio Lower Upper

149 100

91 74.4 59.6 89.4

206 21.7 14.3 21.5#



#84

3,3'-Dichlorobenzidine

Concen: 46.169 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

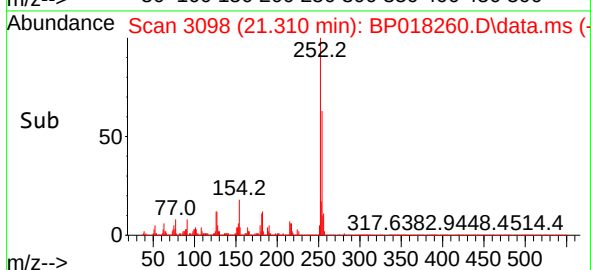
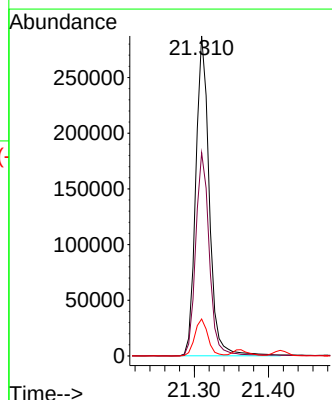
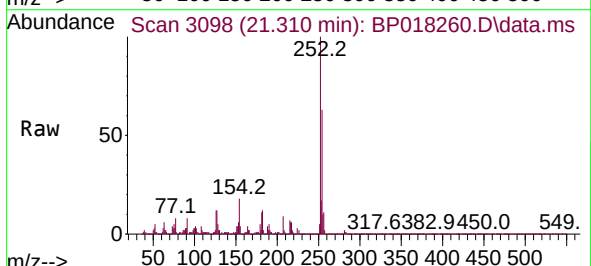
Tgt Ion:252 Resp: 362602

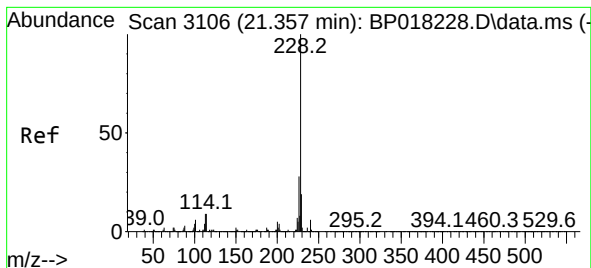
Ion Ratio Lower Upper

252 100

254 63.5 48.9 73.3

126 11.6 9.4 14.0





#85

Benzo(a)anthracene

Concen: 44.555 ng/ul

RT: 21.363 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

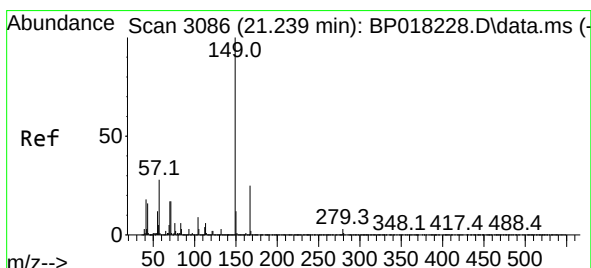
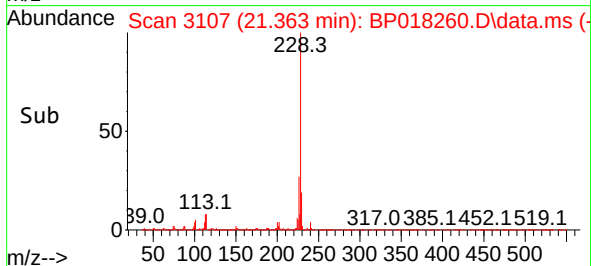
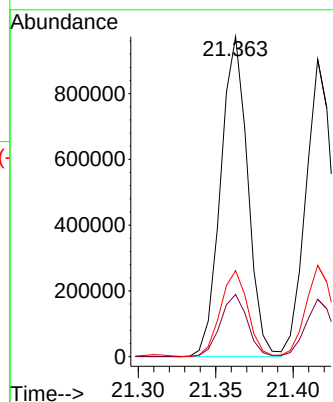
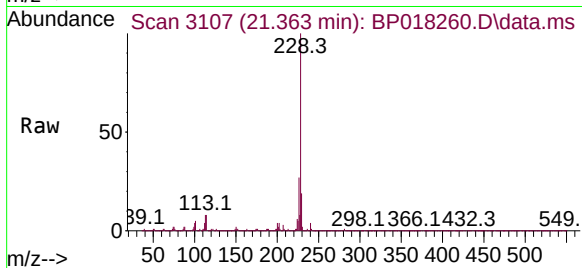
Tgt Ion:228 Resp: 1182674

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.0

226 26.9 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 48.051 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

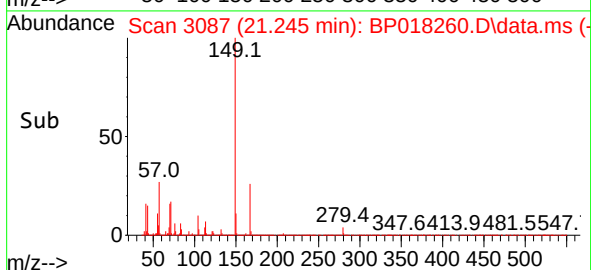
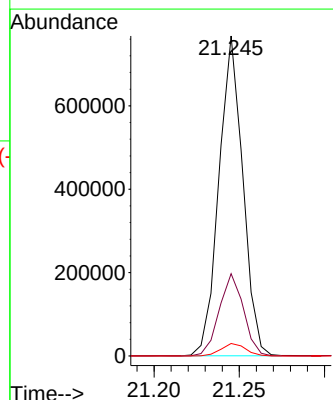
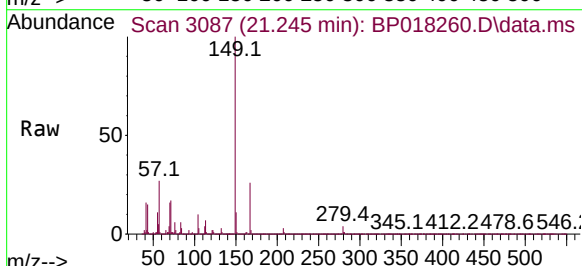
Tgt Ion:149 Resp: 748657

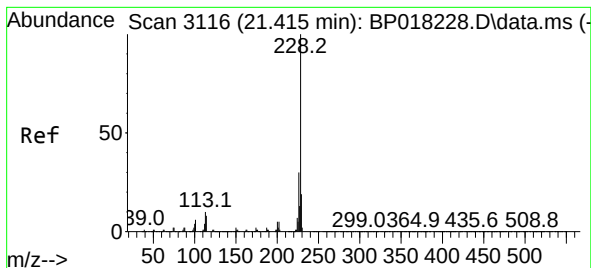
Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

279 3.9 3.2 4.8





#87

Chrysene

Concen: 44.148 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

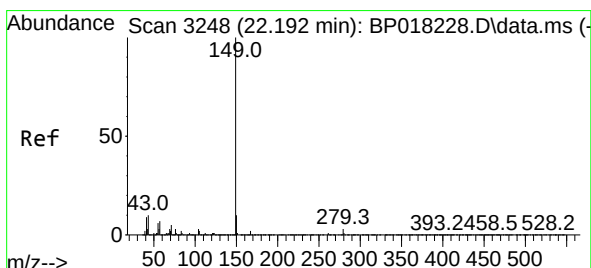
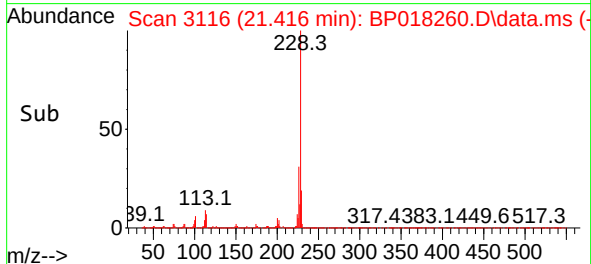
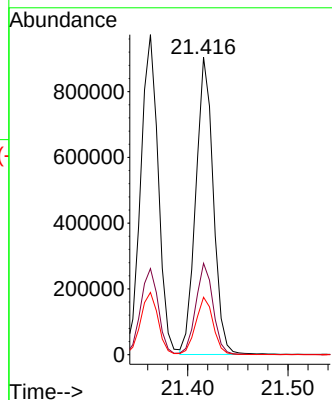
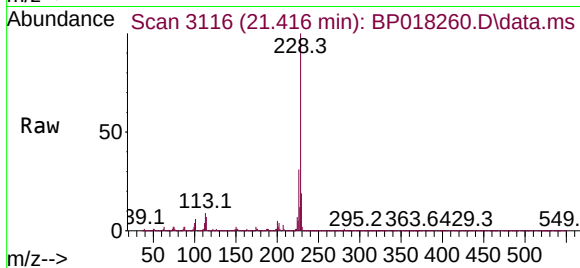
Tgt Ion:228 Resp: 1096327

Ion Ratio Lower Upper

228 100

226 30.7 23.1 34.7

229 19.3 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 50.293 ng/ul

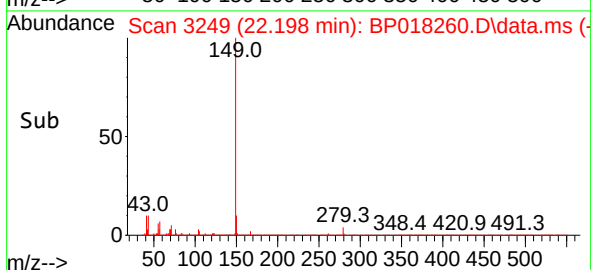
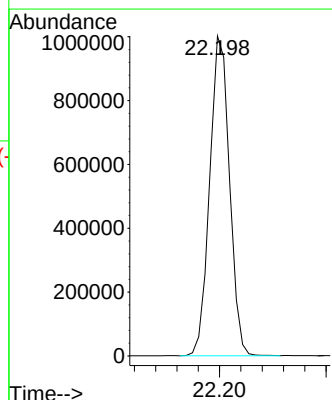
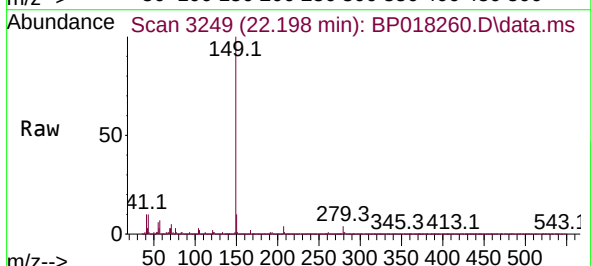
RT: 22.198 min Scan# 3249

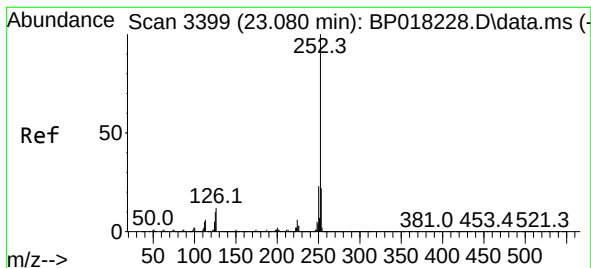
Delta R.T. 0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Tgt Ion:149 Resp: 1289823





#90

Benzo(b)fluoranthene

Concen: 46.491 ng/ul

RT: 23.086 min Scan# 3400

Delta R.T. 0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

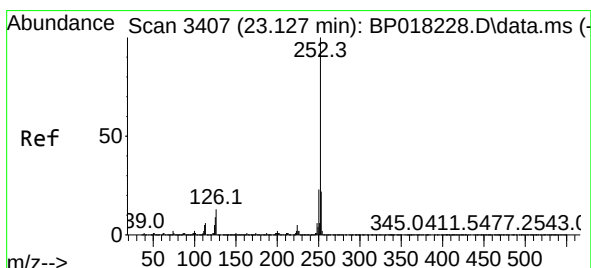
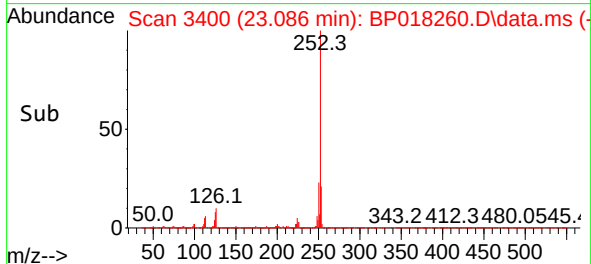
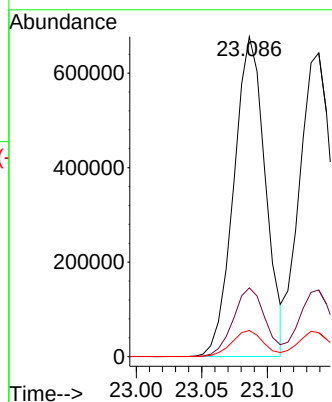
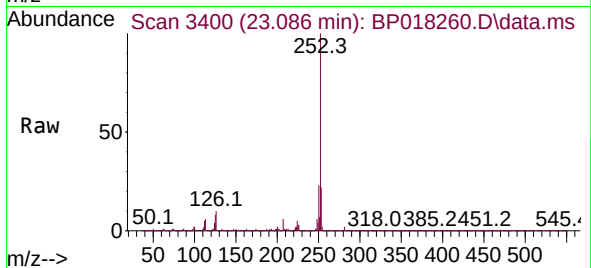
Tgt Ion:252 Resp: 1134638

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 8.2 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 46.479 ng/ul

RT: 23.139 min Scan# 3409

Delta R.T. 0.006 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

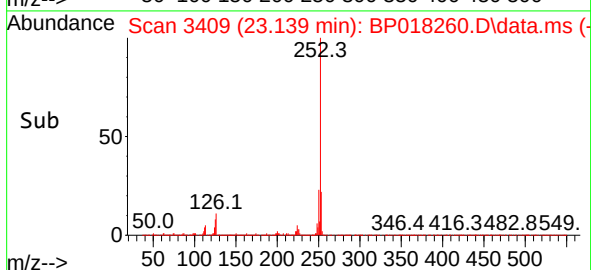
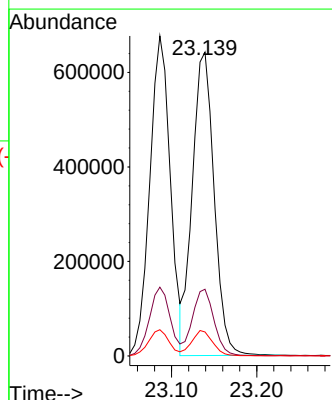
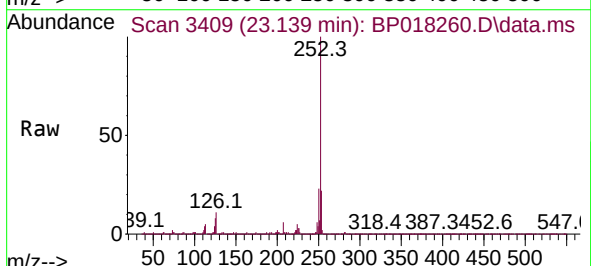
Tgt Ion:252 Resp: 1141267

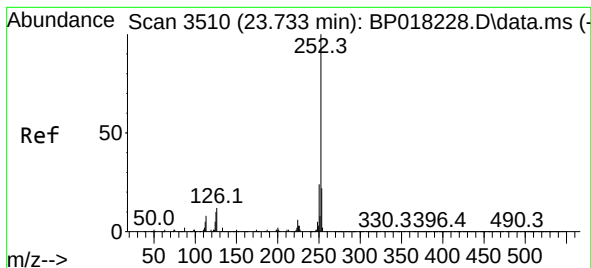
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 46.279 ng/ul

RT: 23.745 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

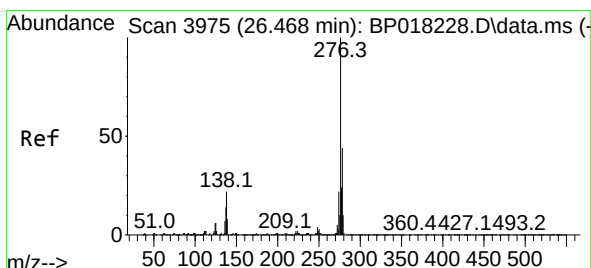
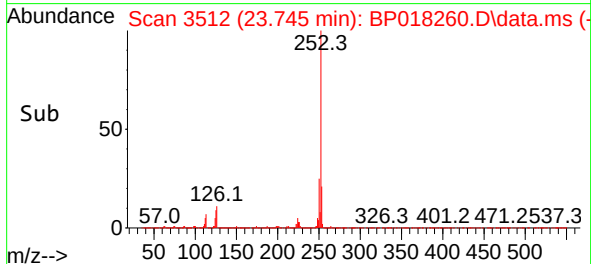
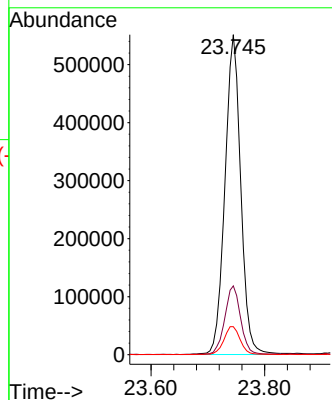
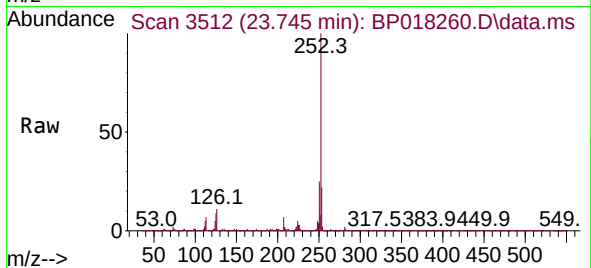
Tgt Ion:252 Resp: 1066626

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.8 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 45.457 ng/ul

RT: 26.492 min Scan# 3979

Delta R.T. 0.030 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

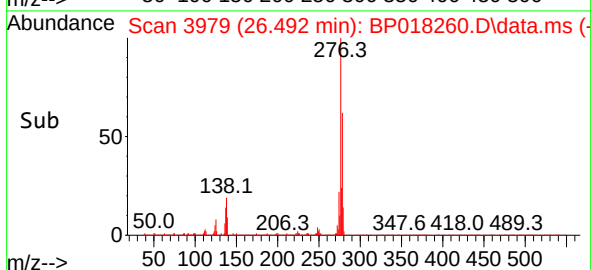
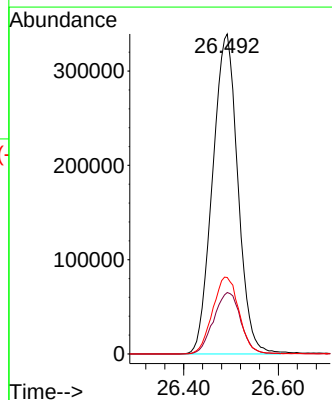
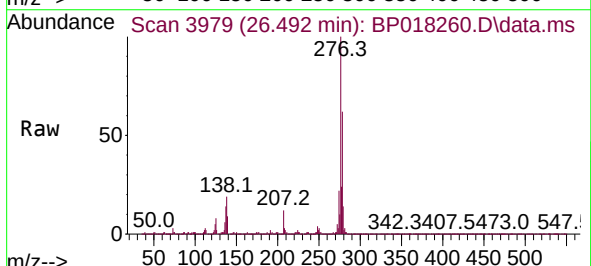
Tgt Ion:276 Resp: 1256571

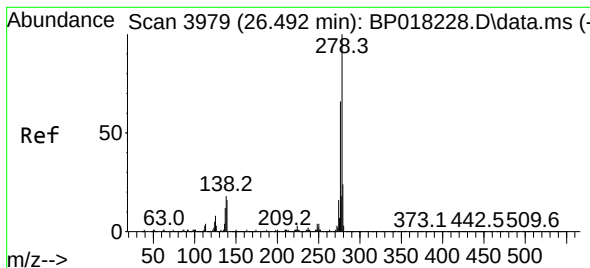
Ion Ratio Lower Upper

276 100

138 19.2 15.6 23.4

277 23.9 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 46.191 ng/ul

RT: 26.510 min Scan# 3982

Delta R.T. 0.018 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

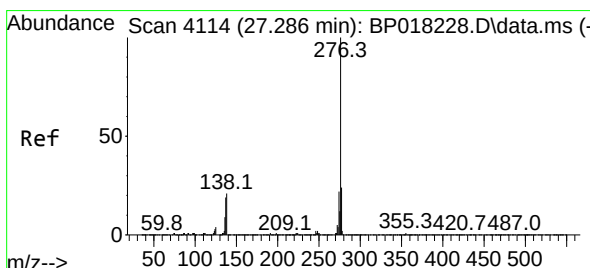
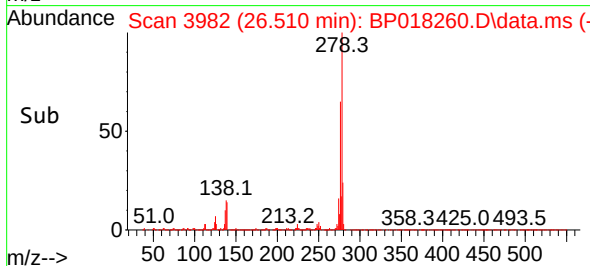
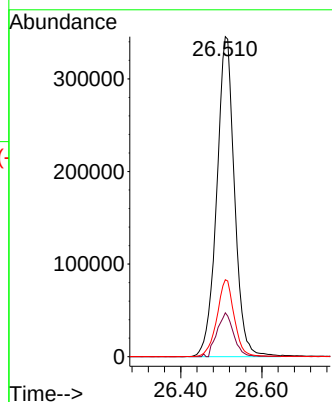
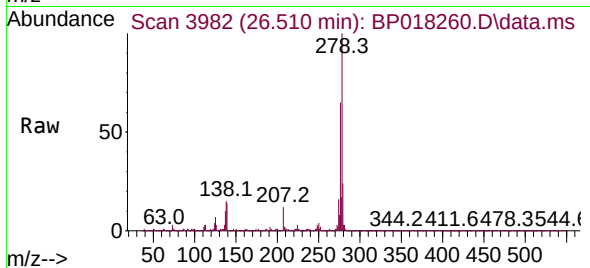
Tgt Ion:278 Resp: 1051337

Ion Ratio Lower Upper

278 100

139 13.7 11.1 16.7

279 24.1 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 45.782 ng/ul

RT: 27.310 min Scan# 4118

Delta R.T. 0.030 min

Lab File: BP018260.D

Acq: 18 Nov 2023 14:22

Tgt Ion:276 Resp: 1012223

Ion Ratio Lower Upper

276 100

138 16.2 13.8 20.6

277 22.8 20.2 30.2

