

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018265.D
 Acq On : 18 Nov 2023 17:12
 Operator : MA/JU
 Sample : PB157225BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:56:32 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	42853	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.593	136	182080	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	116255	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	271729	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	283409	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	308681	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	9279	7.638	ng/uL	0.00
4) Pyridine-d5	3.587	84	111064	35.065	ng/u1	0.00
7) Phenol-d5	6.946	99	146089	35.311	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	88730	36.495	ng/u1	0.00
11) 2-Chlorophenol-d4	7.293	132	118450	36.155	ng/u1	-0.01
15) 4-Methylphenol-d8	8.499	113	113476	33.472	ng/u1	-0.01
21) Nitrobenzene-d5	8.981	128	54994	33.524	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	70539	37.955	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.216	165	124024	37.443	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.775	131	152502	33.573	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	396758	36.988	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	425631	36.431	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	54694	34.123	ng/u1	-0.01
60) Fluorene-d10	15.457	176	337147	38.070	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.622	200	71780	36.540	ng/u1	0.00
73) Anthracene-d10	17.339	188	551402	37.520	ng/u1	0.00
81) Pyrene-d10	19.604	212	691863	36.547	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	727510	40.532	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	20829	15.713	ng/uL#	93
5) Pyridine	3.605	79	121095	37.044	ng/u1	98
6) Benzaldehyde	6.946	77	93875	42.132	ng/u1	95
8) Phenol	6.969	94	157938	38.698	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.222	93	127544	40.282	ng/u1	96
12) 2-Chlorophenol	7.328	128	133640	40.627	ng/u1	99
13) 2-Methylphenol	8.228	108	117439	38.084	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.287	45	87313	24.151	ng/u1	94
16) Acetophenone	8.634	105	211083	39.171	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	110638	37.605	ng/u1	94
18) 4-Methylphenol	8.569	108	128084	38.086	ng/u1	99
19) Hexachloroethane	8.816	117	68333	43.418	ng/u1	95
22) Nitrobenzene	9.022	77	176895	39.936	ng/u1	95
23) Isophorone	9.528	82	327516	40.521	ng/u1	98
25) 2-Nitrophenol	9.728	139	82103	42.991	ng/u1	97
26) 2,4-Dimethylphenol	9.769	107	141790	34.902	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.022	93	169951	38.559	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	132654	41.939	ng/u1	94
30) Naphthalene	10.640	128	450991	40.729	ng/u1	99
32) 4-Chloroaniline	10.798	127	146654	33.706	ng/u1	99
33) Hexachlorobutadiene	10.857	225	112113	48.282	ng/u1	98
34) Caprolactam	11.628	113	41287	39.292	ng/u1	98
35) 4-Chloro-3-methylphenol	11.910	107	161662	42.483	ng/u1	97
36) 2-Methylnaphthalene	12.263	142	322845	42.468	ng/u1	98

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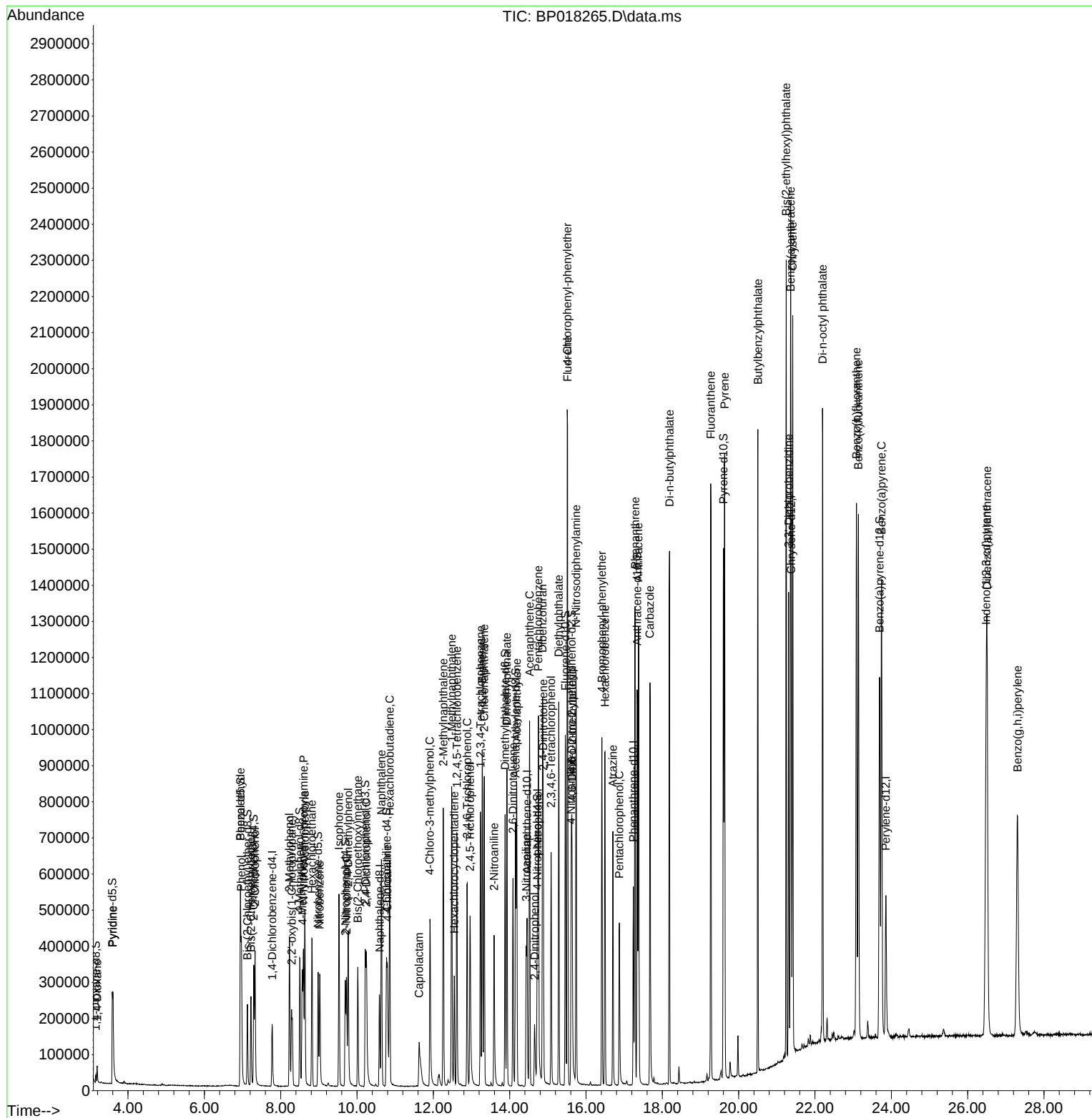
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	319052	40.842	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.616	216	182986	46.593	ng/ul	96
40) Hexachlorocyclopentadiene	12.551	237	69959	36.904	ng/ul	98
41) 2,4,6-Trichlorophenol	12.887	196	111341	43.217	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	122949	45.345	ng/ul	97
43) 1,1'-Biphenyl	13.281	154	432585	43.759	ng/ul	100
44) 2-Chloronaphthalene	13.334	162	346311	44.125	ng/ul	99
45) 2-Nitroaniline	13.592	65	118461	46.773	ng/ul	94
47) Dimethylphthalate	13.928	163	459697	43.688	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	89793	42.934	ng/ul	95
50) Acenaphthylene	14.187	152	538774	40.846	ng/ul	100
51) 3-Nitroaniline	14.434	138	80486	41.473	ng/ul	94
52) Acenaphthene	14.522	153	364395	41.661	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	38768	33.979	ng/ul	86
55) 4-Nitrophenol	14.734	109	100537	47.252	ng/ul	89
56) Dibenzofuran	14.863	168	505215	42.149	ng/ul	93
57) 2,4-Dinitrotoluene	14.881	165	139977	44.796	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.086	232	97675	40.495	ng/ul#	97
59) Diethylphthalate	15.286	149	496836	45.195	ng/ul	100
61) Fluorene	15.516	166	440874	43.324	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	220883	44.293	ng/ul	97
63) 4-Nitroaniline	15.610	138	82024	44.789	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.634	198	85730	42.058	ng/ul	90
67) N-Nitrosodiphenylamine	15.739	169	367815	42.207	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	133048	43.443	ng/ul	90
69) Hexachlorobenzene	16.498	284	147460	43.150	ng/ul	98
70) Atrazine	16.704	200	113945	37.484	ng/ul	97
71) Pentachlorophenol	16.875	266	65923	31.779	ng/ul	98
72) Phenanthrene	17.286	178	733014	43.935	ng/ul	100
74) Anthracene	17.375	178	733710	43.093	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	181875	43.831	ng/ul	99
76) Pentachlorobenzene	14.751	250	163996	40.371	ng/ul	95
77) Carbazole	17.675	167	675683	45.700	ng/ul	99
78) Di-n-butylphthalate	18.186	149	914767	48.762	ng/ul	99
80) Fluoranthene	19.269	202	923046	41.751	ng/ul	100
82) Pyrene	19.633	202	969664	41.856	ng/ul	97
83) Butylbenzylphthalate	20.504	149	447770	45.960	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.310	252	304940	45.036	ng/ul	96
85) Benzo(a)anthracene	21.363	228	1003708	43.859	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	645873	48.083	ng/ul	100
87) Chrysene	21.416	228	938483	43.835	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	1129040	48.908	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	976480	44.450	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	984413	44.539	ng/ul	100
93) Benzo(a)pyrene	23.745	252	993127	47.871	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.486	276	1082903	43.522	ng/ul	98
95) Dibenzo(a,h)anthracene	26.509	278	897782	43.821	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	850252	42.723	ng/ul	97

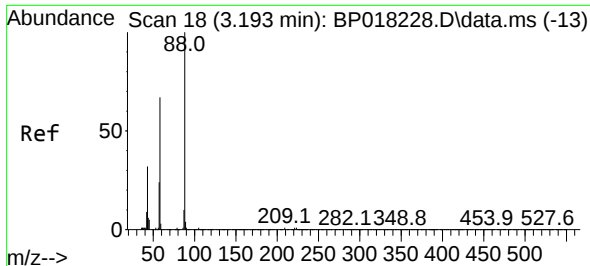
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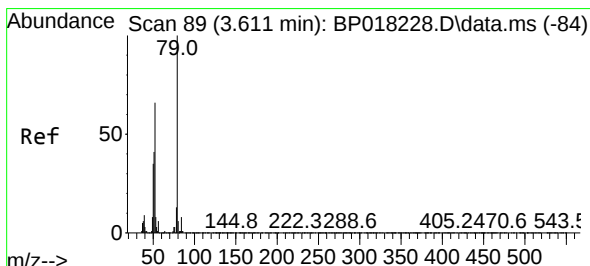
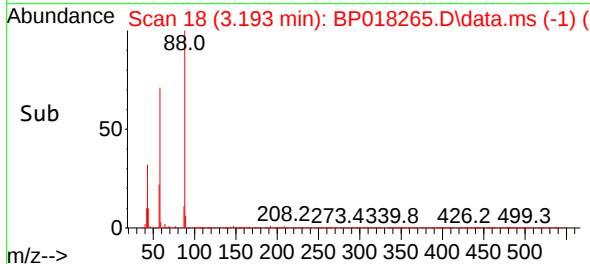
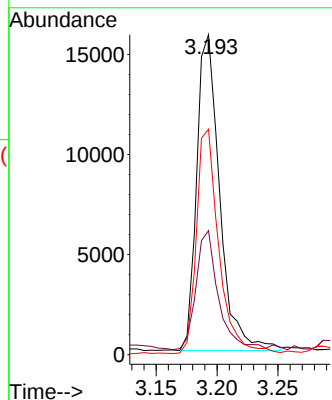
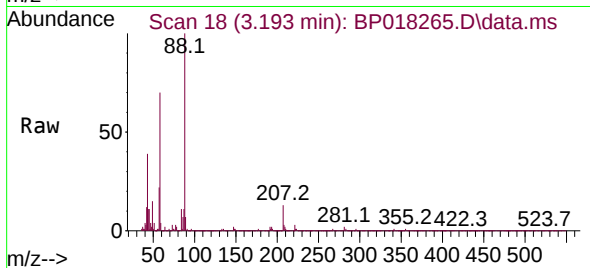




#2
 1,4-Dioxane
 Concen: 15.713 ng/uL
 RT: 3.193 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP018265.D
 Acq: 18 Nov 2023 17:12

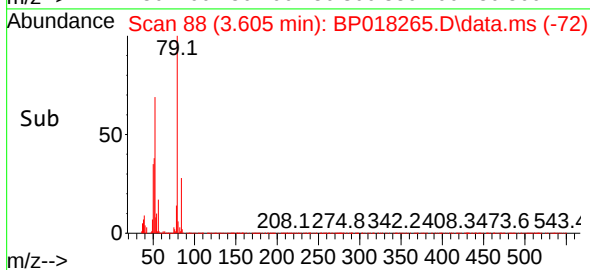
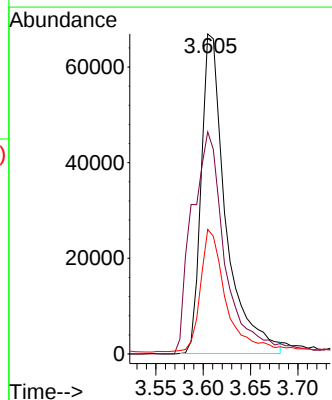
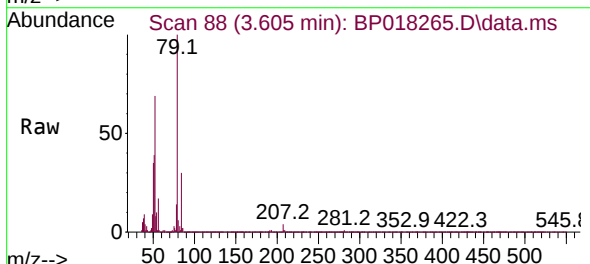
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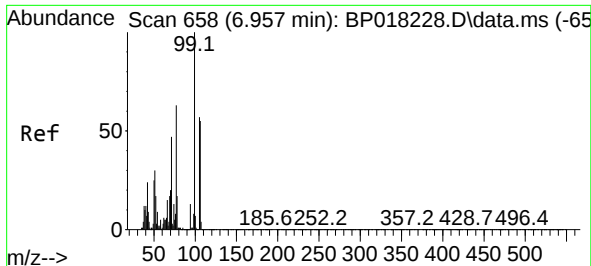
Tgt Ion: 88 Resp: 20829
 Ion Ratio Lower Upper
 88 100
 43 38.7 25.4 38.2#
 58 70.5 53.3 79.9



#5
 Pyridine
 Concen: 37.044 ng/uL
 RT: 3.605 min Scan# 88
 Delta R.T. -0.006 min
 Lab File: BP018265.D
 Acq: 18 Nov 2023 17:12

Tgt Ion: 79 Resp: 121095
 Ion Ratio Lower Upper
 79 100
 52 69.4 53.9 80.9
 51 38.9 32.2 48.2

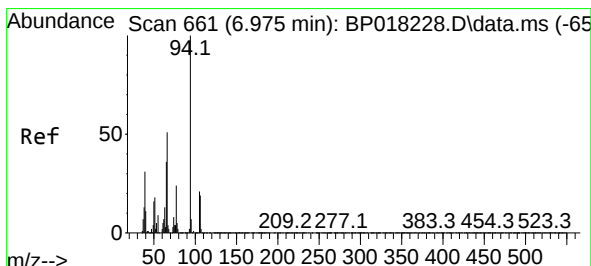
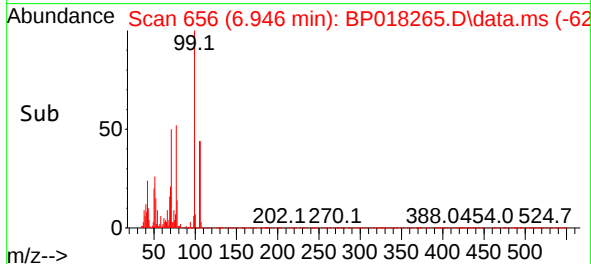
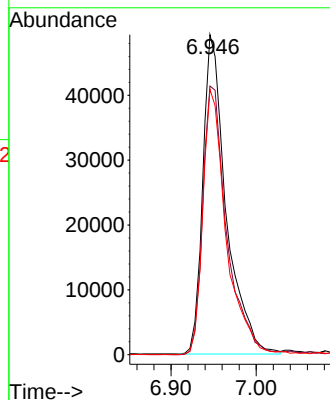
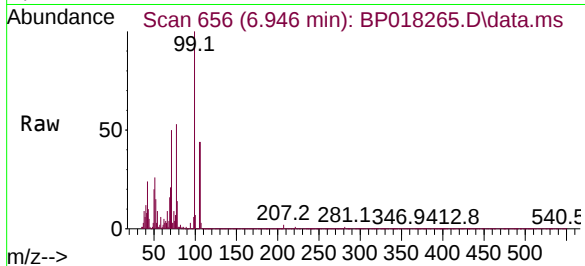




#6
Benzaldehyde
Concen: 42.132 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

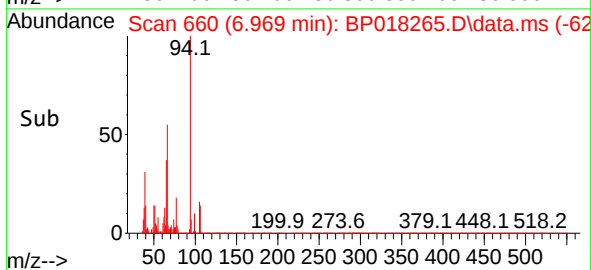
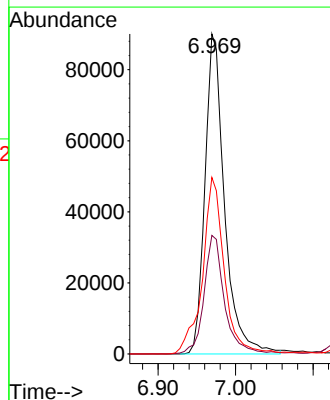
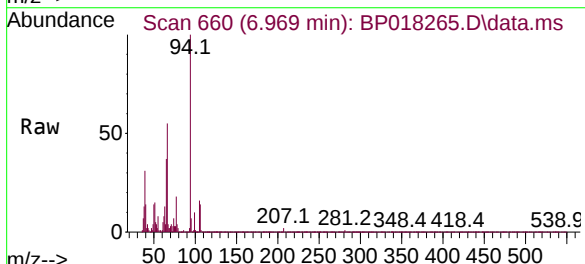
Instrument :
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ClientSampleId :

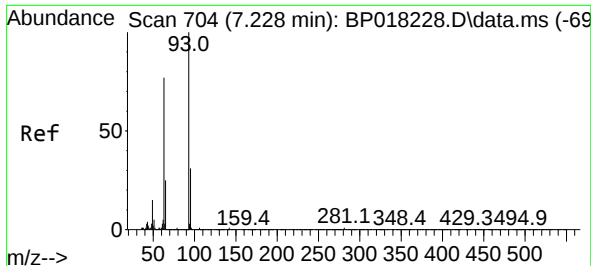
Tgt Ion: 77 Resp: 93875
Ion Ratio Lower Upper
77 100
105 84.0 72.7 109.1
106 82.9 67.5 101.3



#8
Phenol
Concen: 38.698 ng/ul
RT: 6.969 min Scan# 660
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion: 94 Resp: 157938
Ion Ratio Lower Upper
94 100
65 37.1 28.2 42.2
66 55.2 40.3 60.5

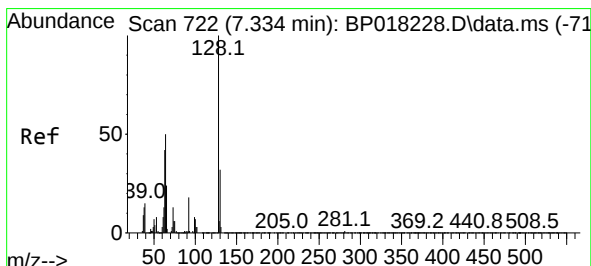
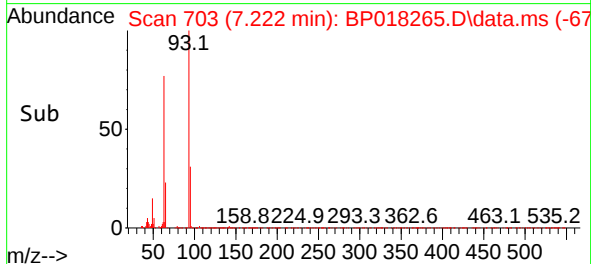
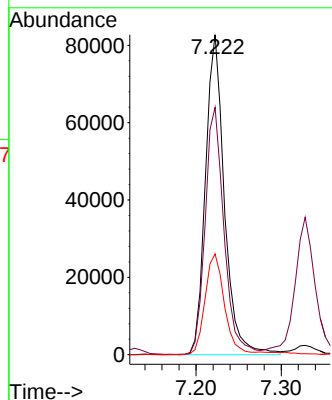
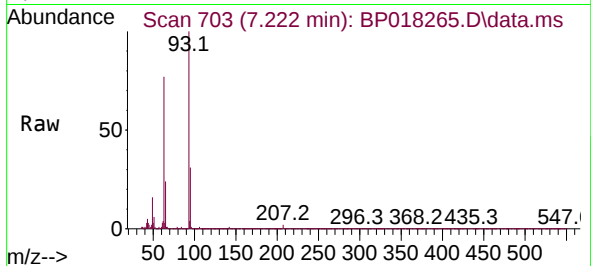




#10
Bis(2-Chloroethyl)ether
Concen: 40.282 ng/ul
RT: 7.222 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

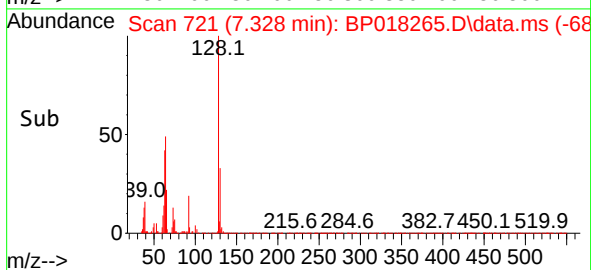
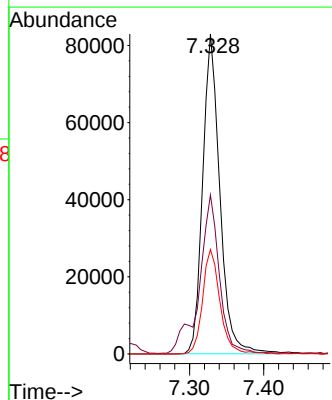
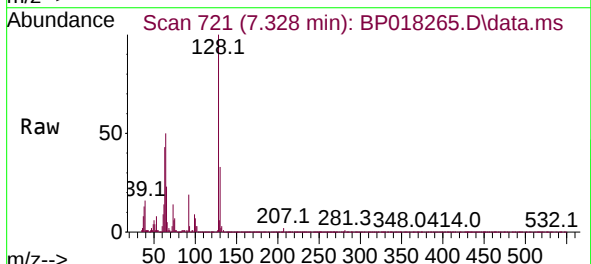
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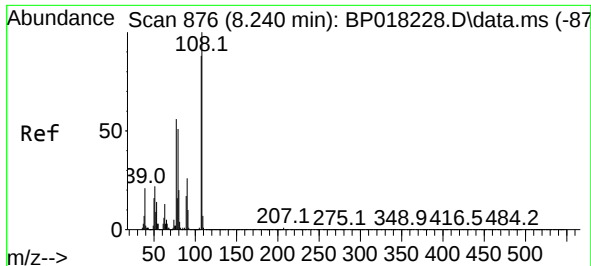
Tgt Ion: 93 Resp: 127544
Ion Ratio Lower Upper
93 100
63 77.3 57.8 86.6
95 31.5 25.5 38.3



#12
2-Chlorophenol
Concen: 40.627 ng/ul
RT: 7.328 min Scan# 721
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:128 Resp: 133640
Ion Ratio Lower Upper
128 100
64 49.7 39.2 58.8
130 32.6 26.6 40.0

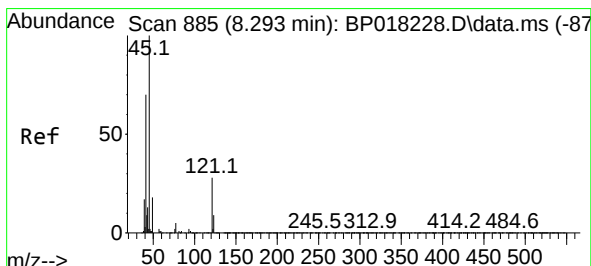
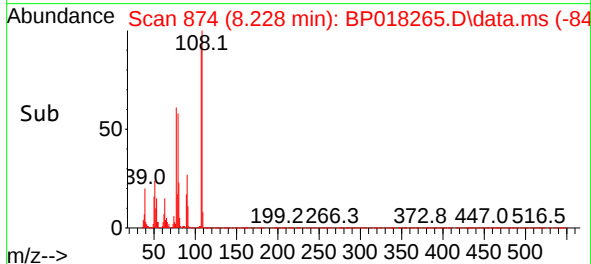
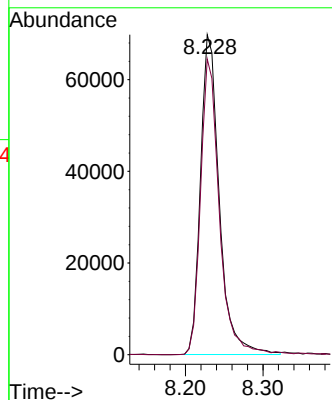
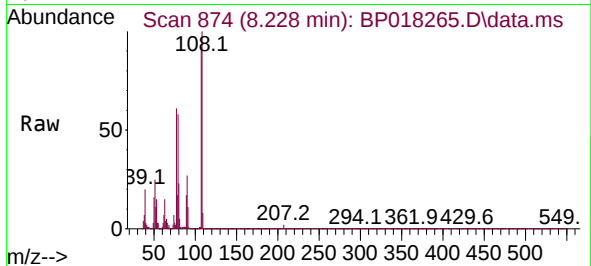




#13
2-Methylphenol
Concen: 38.084 ng/ul
RT: 8.228 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

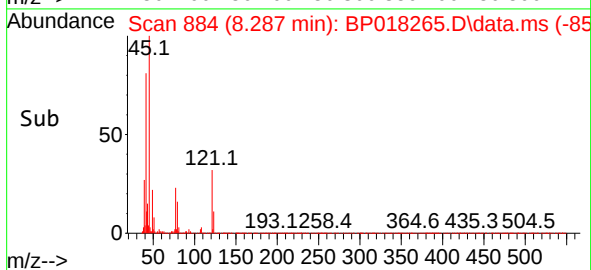
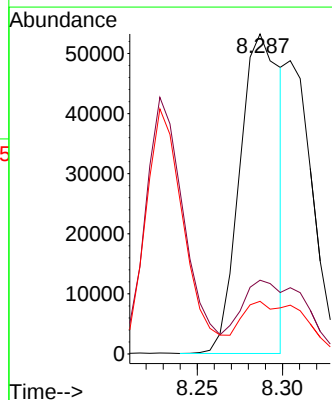
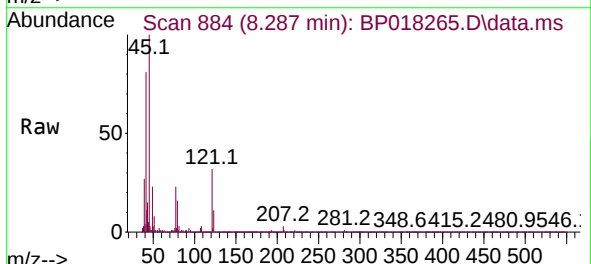
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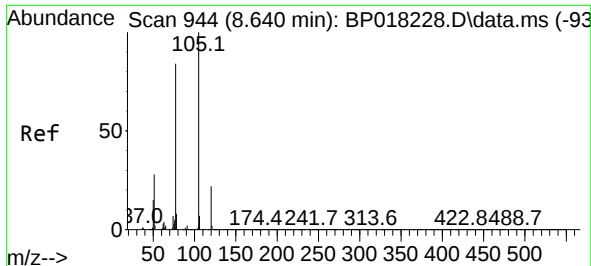
Tgt Ion:108 Resp: 117439
Ion Ratio Lower Upper
108 100
107 92.4 75.2 112.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 24.151 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BP018265.D
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Tgt Ion: 45 Resp: 87313
Ion Ratio Lower Upper
45 100
77 23.1 16.1 24.1
79 16.4 11.1 16.7

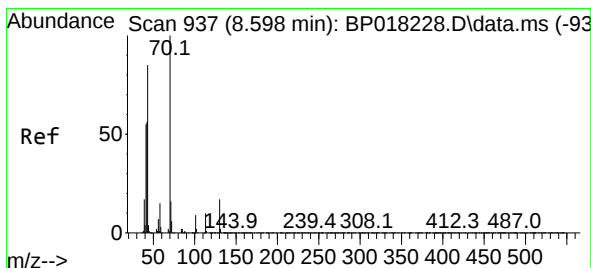
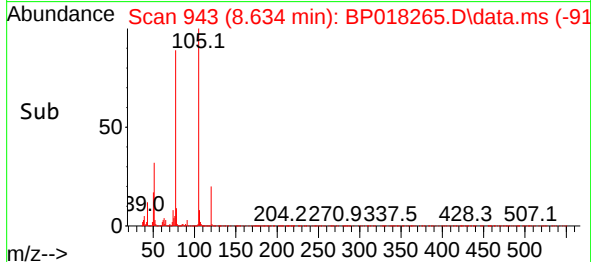
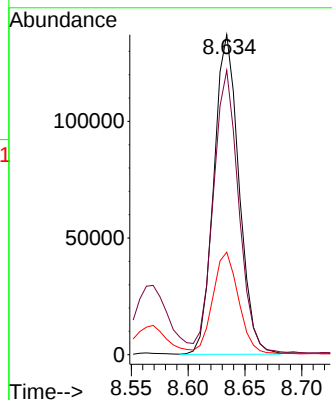
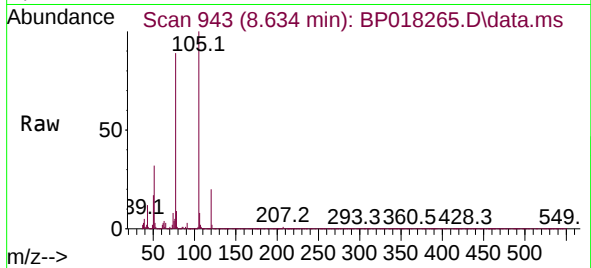




#16
Acetophenone
Concen: 39.171 ng/ul
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

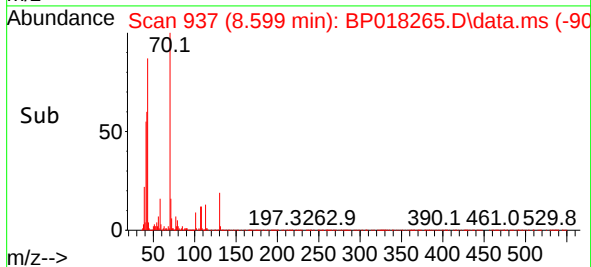
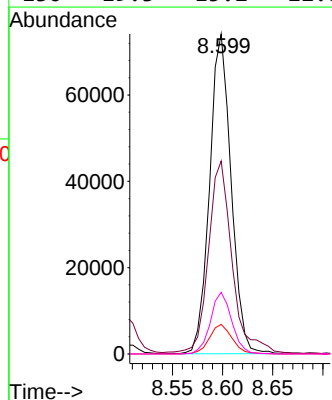
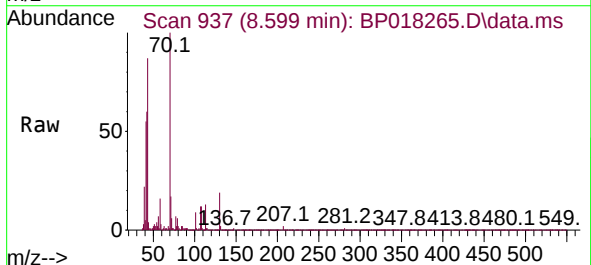
Instrument :
BNA_M
ClientSampleId :

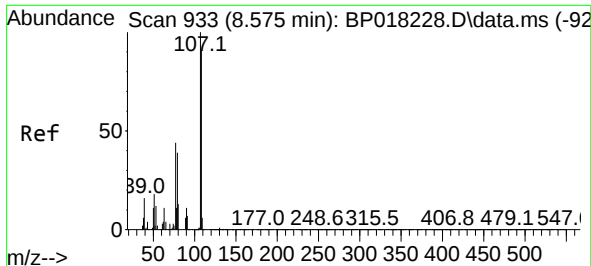
Tgt Ion:105 Resp: 211083
Ion Ratio Lower Upper
105 100
77 88.9 70.1 105.1
51 32.1 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 37.605 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion: 70 Resp: 110638
Ion Ratio Lower Upper
70 100
42 60.3 43.7 65.5
101 9.3 8.2 12.4
130 19.3 15.2 22.8

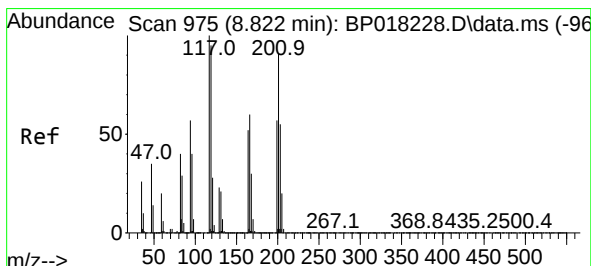
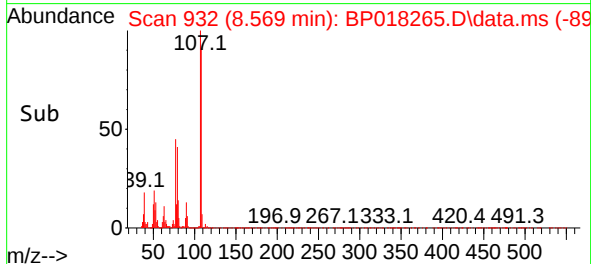
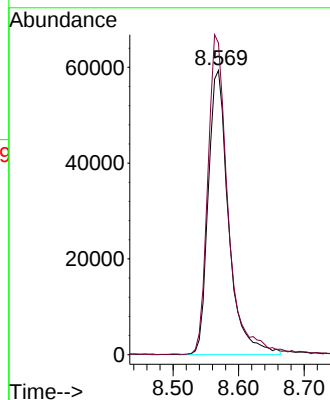
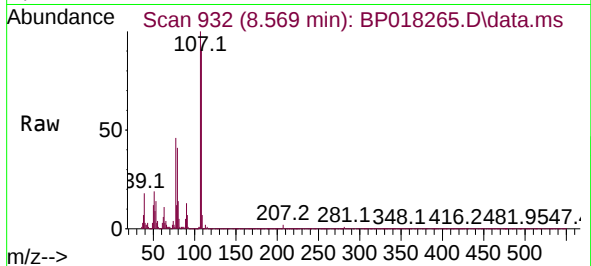




#18
4-Methylphenol
Concen: 38.086 ng/ul
RT: 8.569 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

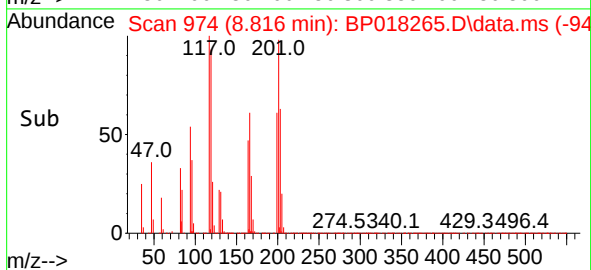
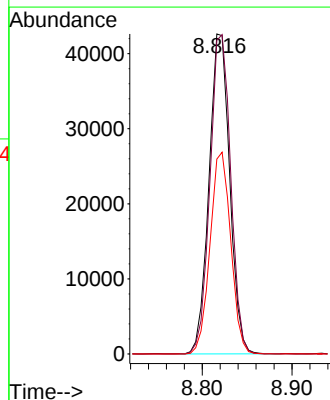
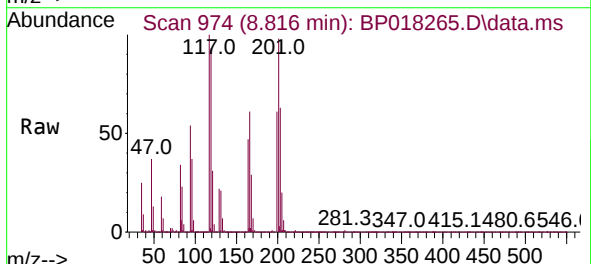
Instrument :
BNA_M
ClientSampleId :

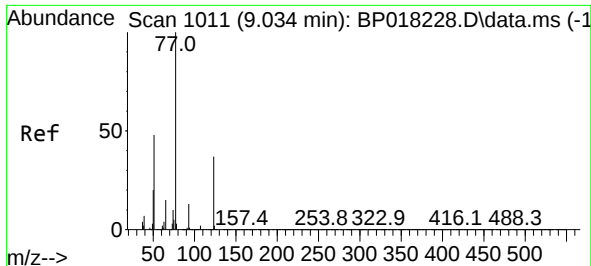
Tgt Ion:108 Resp: 128084
Ion Ratio Lower Upper
108 100
107 109.6 88.2 132.4



#19
Hexachloroethane
Concen: 43.418 ng/ul
RT: 8.816 min Scan# 974
Delta R.T. -0.018 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:117 Resp: 68333
Ion Ratio Lower Upper
117 100
201 98.0 84.8 127.2
199 60.9 49.0 73.4

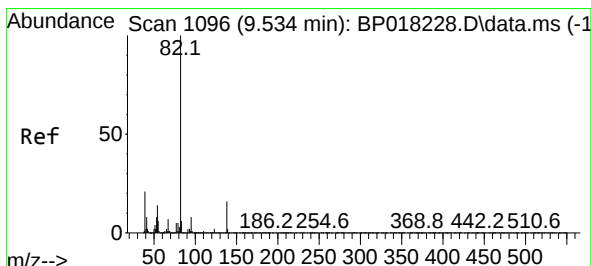
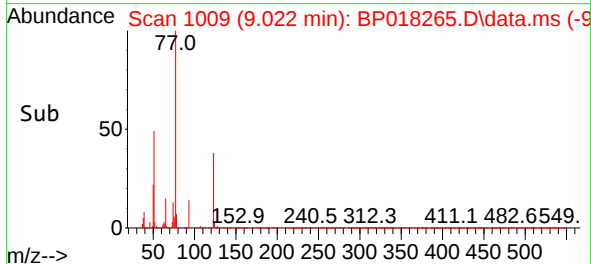
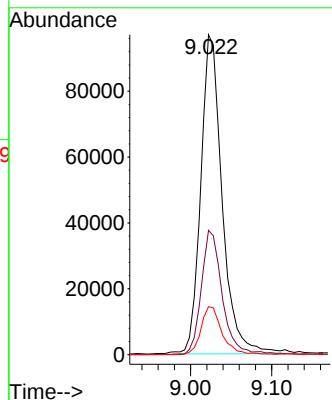
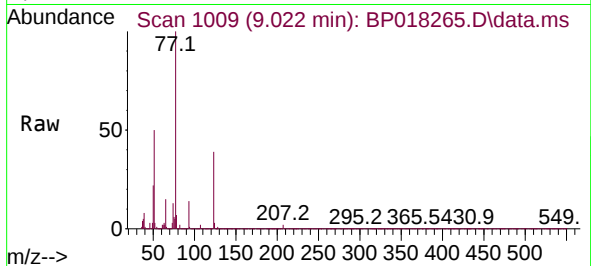




#22
Nitrobenzene
Concen: 39.936 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

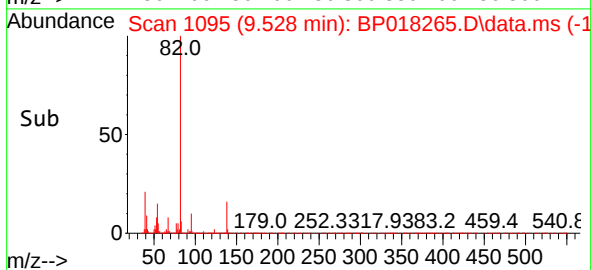
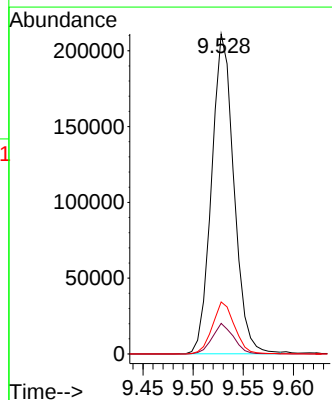
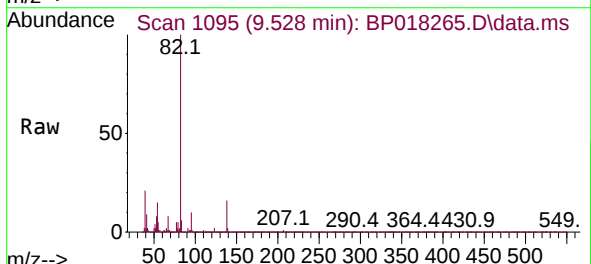
Instrument :
BNA_M
ClientSampleId :

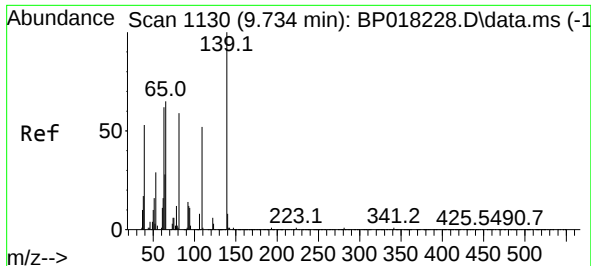
Tgt Ion: 77 Resp: 176895
Ion Ratio Lower Upper
77 100
123 38.8 27.8 41.8
65 15.0 11.5 17.3



#23
Isophorone
Concen: 40.521 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion: 82 Resp: 327516
Ion Ratio Lower Upper
82 100
95 9.5 6.6 9.8
138 16.2 13.1 19.7





#25

2-Nitrophenol

Concen: 42.991 ng/ul

RT: 9.728 min Scan# 1129

Delta R.T. -0.006 min

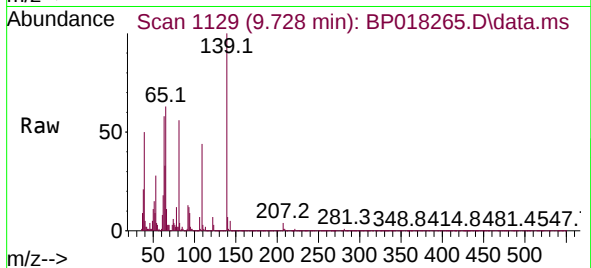
Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

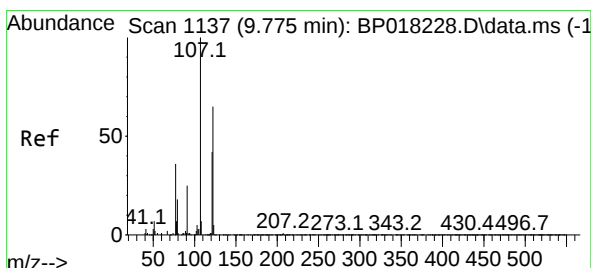
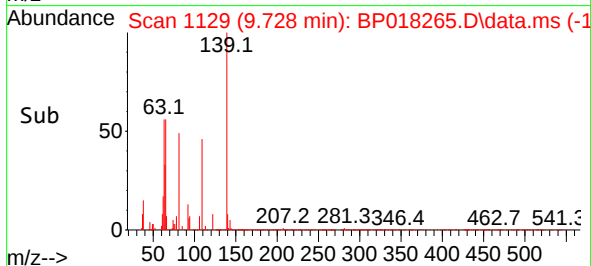
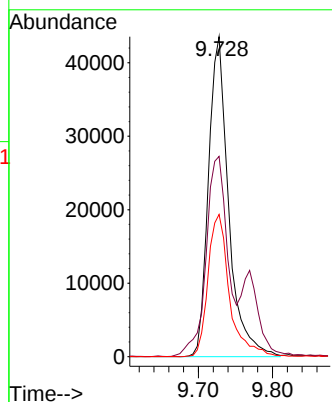
Instrument :

BNA_M

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
139	100		
65	62.6	51.4	77.0
109	44.5	33.1	49.7



#26

2,4-Dimethylphenol

Concen: 34.902 ng/ul

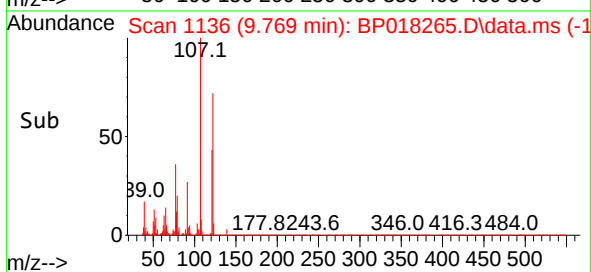
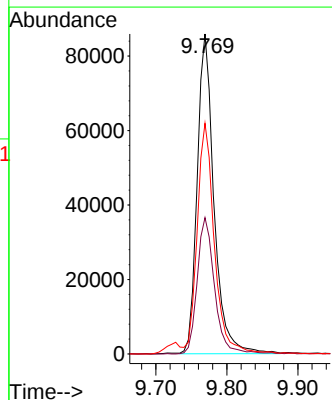
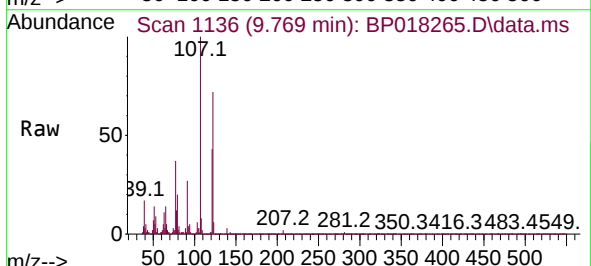
RT: 9.769 min Scan# 1136

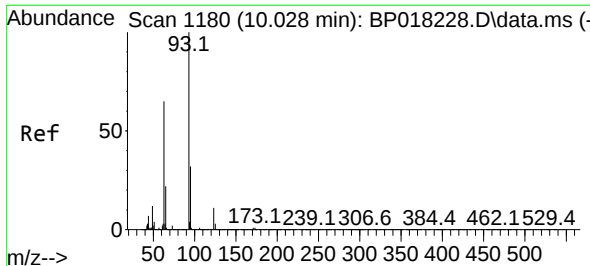
Delta R.T. -0.012 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Tgt Ion	Ratio	Lower	Upper
107	100		
121	42.6	37.8	56.8
122	72.1	62.1	93.1

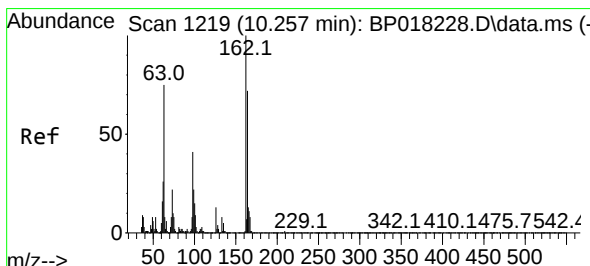
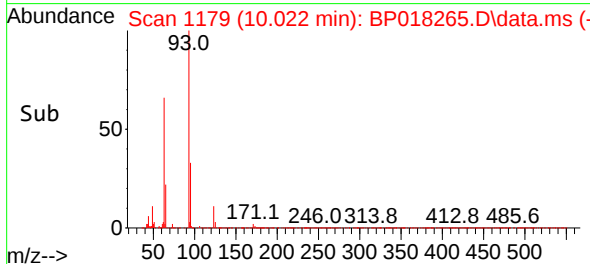
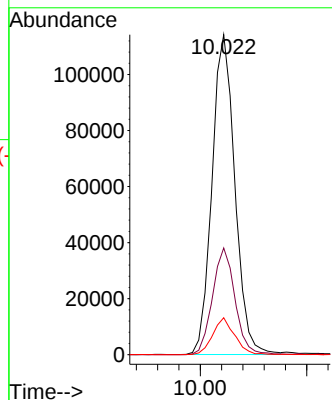
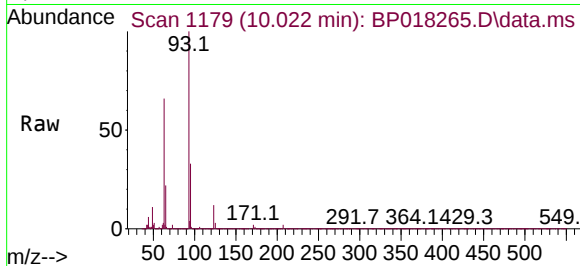




#27
Bis(2-Chloroethoxy)methane
Concen: 38.559 ng/ul
RT: 10.022 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

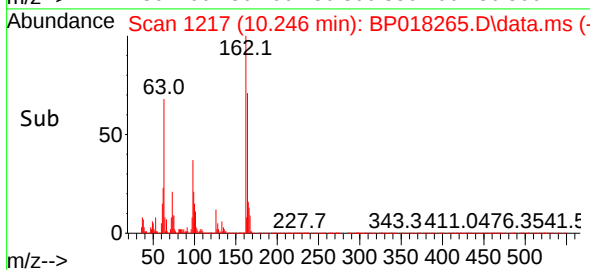
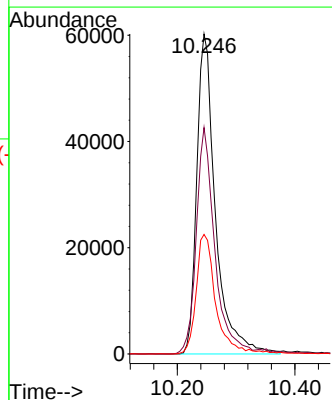
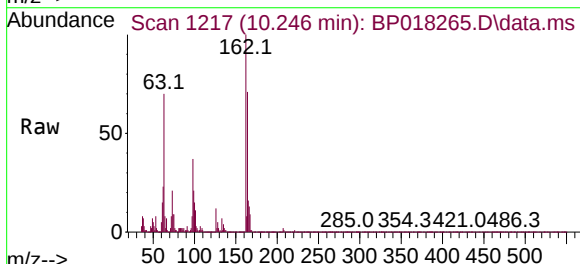
Instrument :
BNA_M
ClientSampleId :

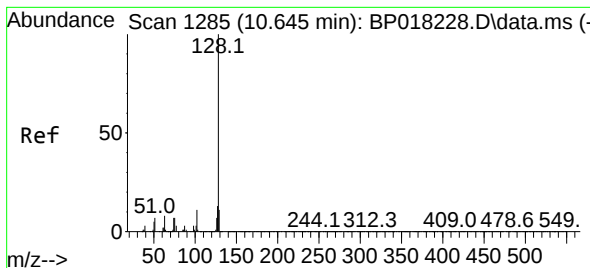
Tgt Ion: 93 Resp: 169951
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 11.5 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 41.939 ng/ul
RT: 10.246 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:162 Resp: 132654
Ion Ratio Lower Upper
162 100
164 70.7 51.8 77.6
98 37.4 28.7 43.1

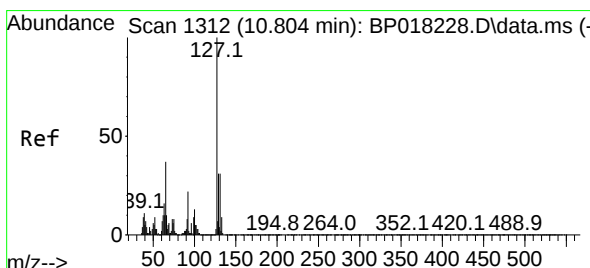
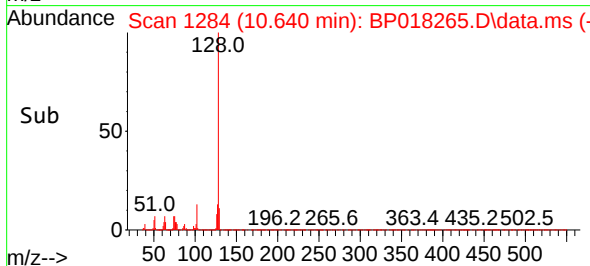
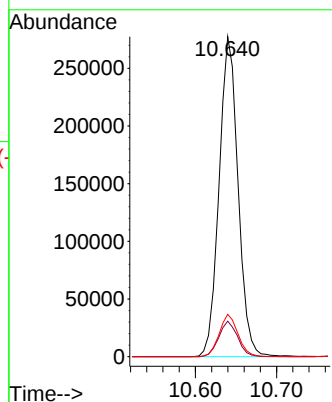
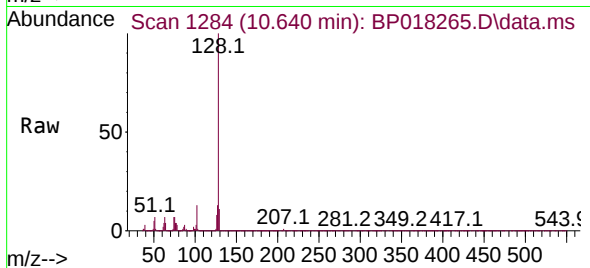




#30
Naphthalene
Concen: 40.729 ng/ul
RT: 10.640 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

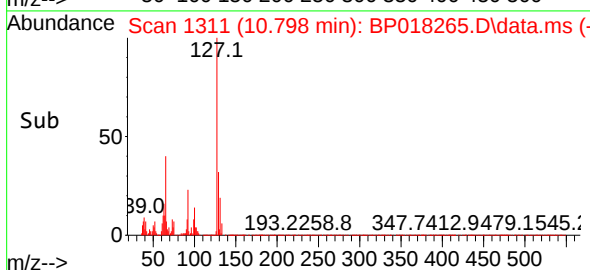
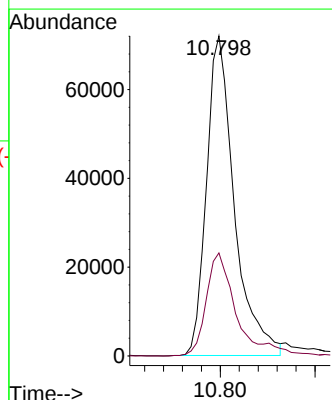
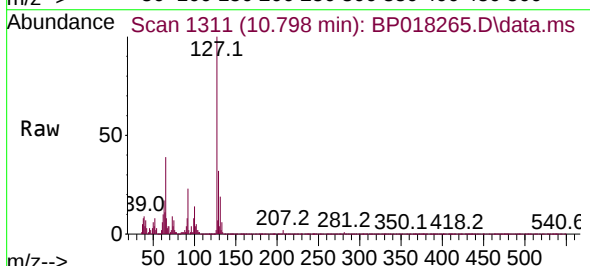
Instrument :
BNA_M
ClientSampleId :

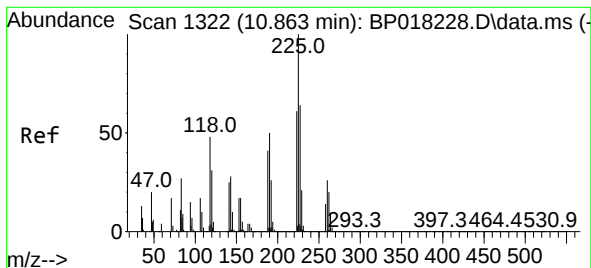
Tgt Ion:128 Resp: 450991
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.3 15.5



#32
4-Chloroaniline
Concen: 33.706 ng/ul
RT: 10.798 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:127 Resp: 146654
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 48.282 ng/ul

RT: 10.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

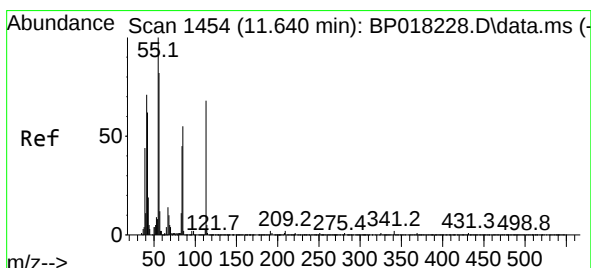
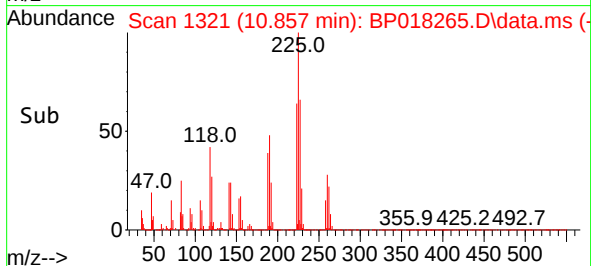
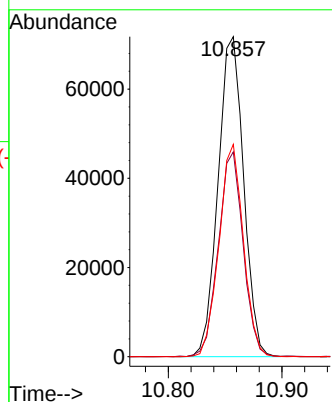
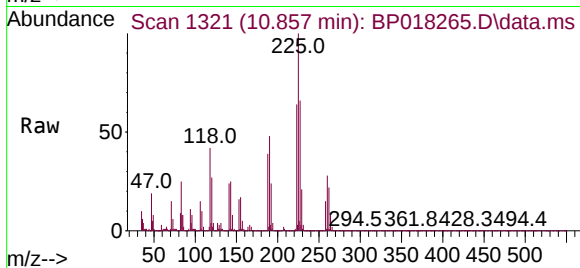
Tgt Ion:225 Resp: 112113

Ion Ratio Lower Upper

225 100

223 64.0 52.5 78.7

227 66.3 51.9 77.9



#34

Caprolactam

Concen: 39.292 ng/ul

RT: 11.628 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

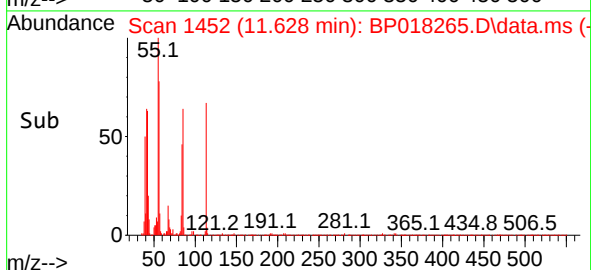
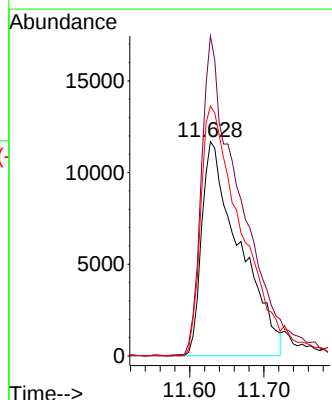
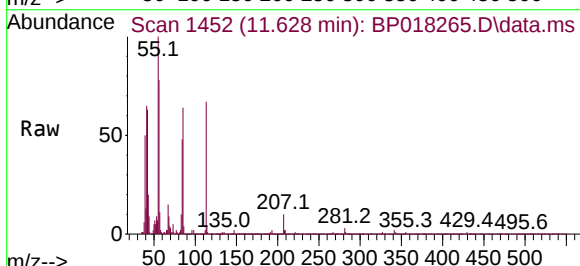
Tgt Ion:113 Resp: 41287

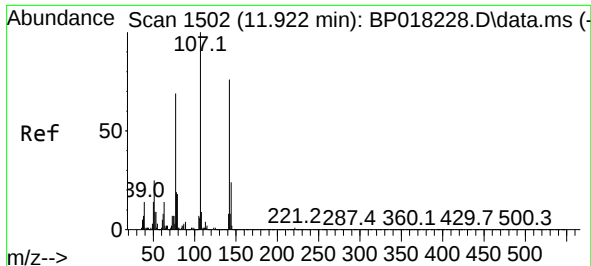
Ion Ratio Lower Upper

113 100

55 149.2 118.3 177.5

56 116.6 95.6 143.4

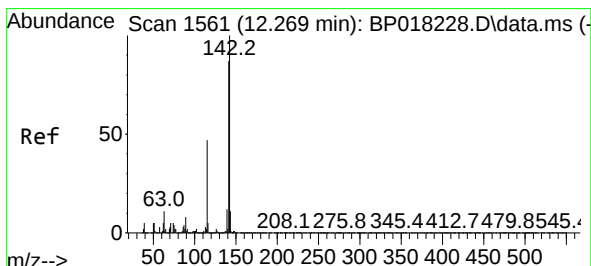
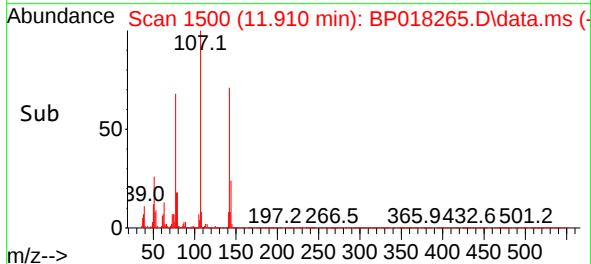
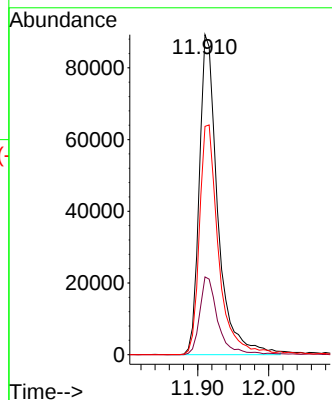
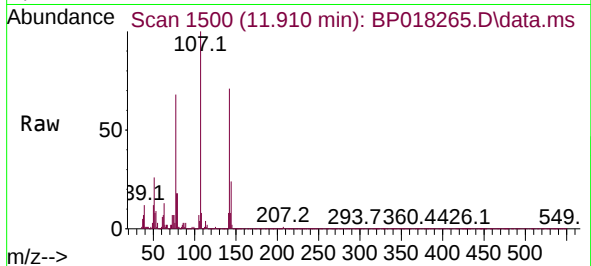




#35
4-Chloro-3-methylphenol
Concen: 42.483 ng/ul
RT: 11.910 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

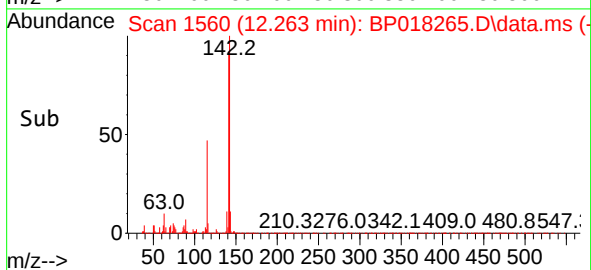
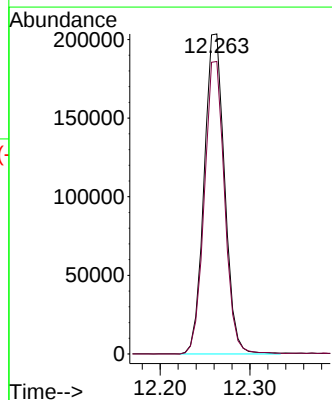
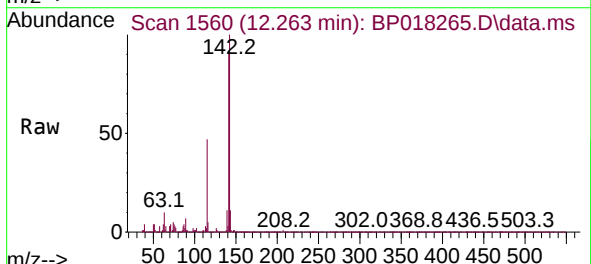
Instrument :
BNA_M
ClientSampleId :

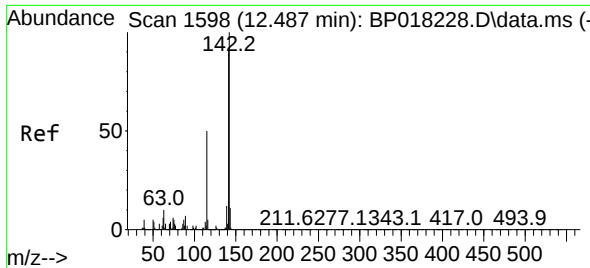
Tgt Ion:107 Resp: 161662
Ion Ratio Lower Upper
107 100
144 24.3 19.1 28.7
142 71.4 54.8 82.2



#36
2-Methylnaphthalene
Concen: 42.468 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:142 Resp: 322845
Ion Ratio Lower Upper
142 100
141 91.4 71.7 107.5

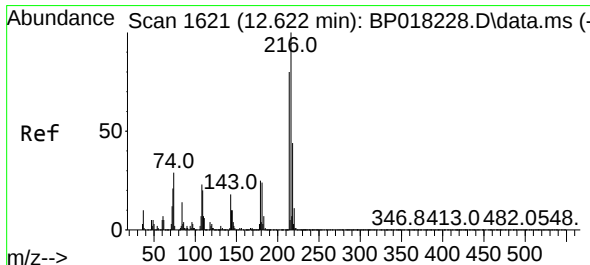
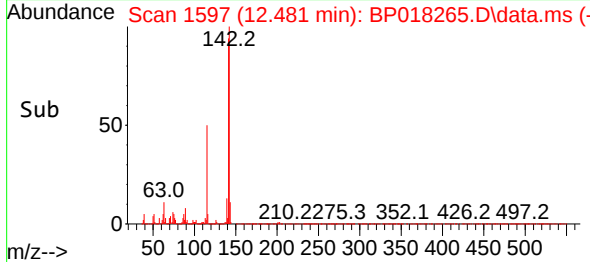
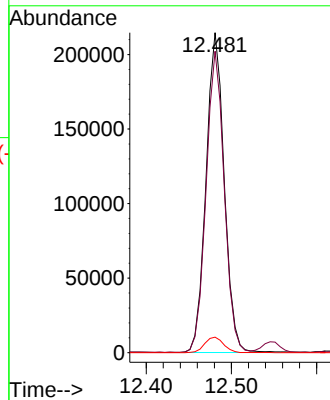
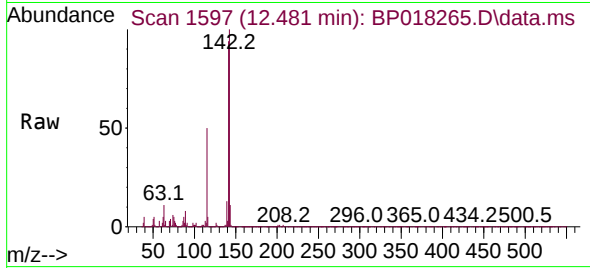




#37
1-Methylnaphthalene
Concen: 40.842 ng/ul
RT: 12.481 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

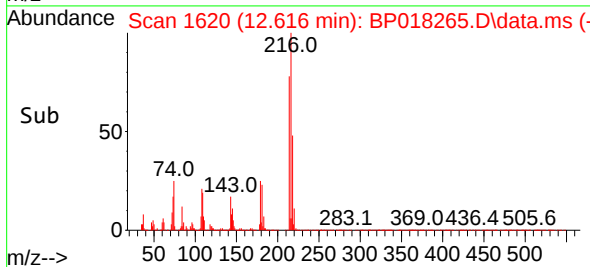
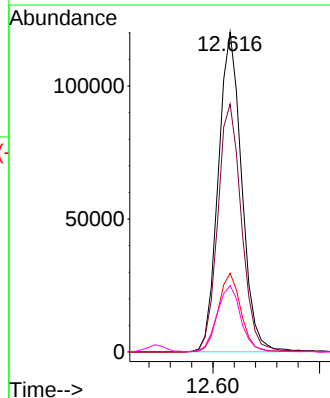
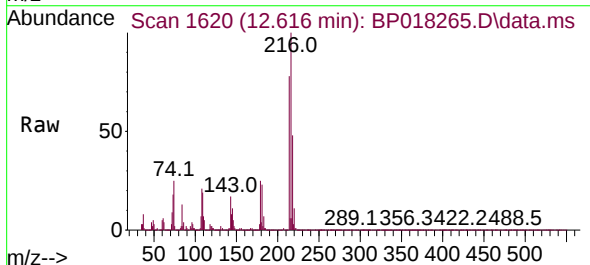
Instrument :
BNA_M
ClientSampleId :

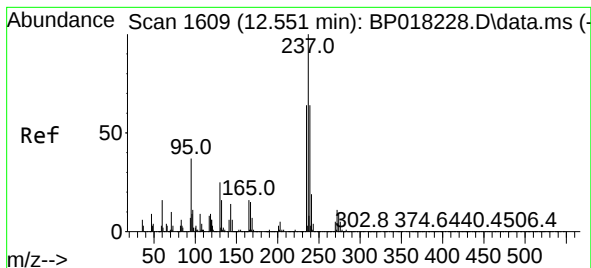
Tgt Ion:142 Resp: 319052
Ion Ratio Lower Upper
142 100
141 94.2 72.8 109.2
116 4.8 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.593 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:216 Resp: 182986
Ion Ratio Lower Upper
216 100
214 77.5 64.8 97.2
179 24.6 18.3 27.5
108 20.7 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 36.904 ng/ul

RT: 12.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

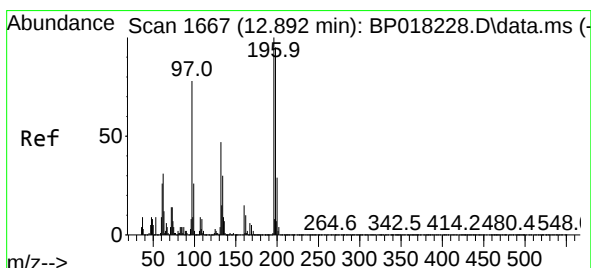
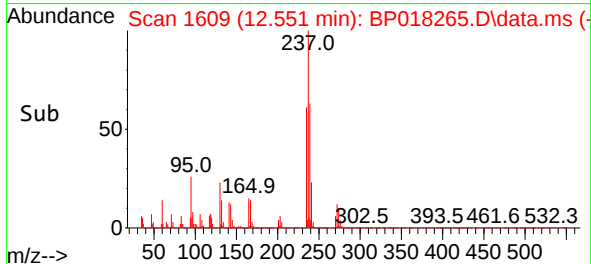
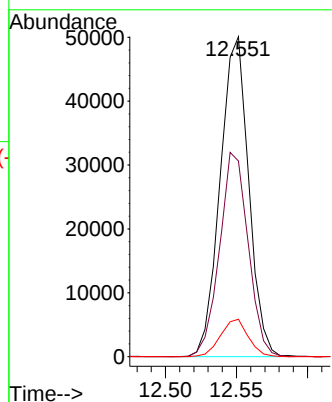
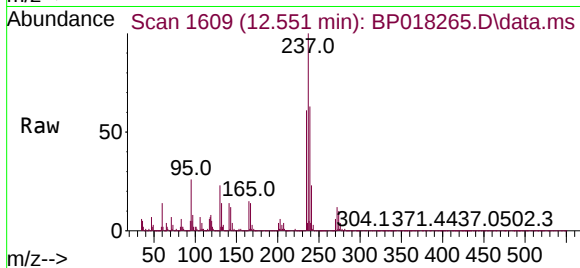
Tgt Ion:237 Resp: 69959

Ion Ratio Lower Upper

237 100

235 61.1 49.9 74.9

272 11.7 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 43.217 ng/ul

RT: 12.887 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

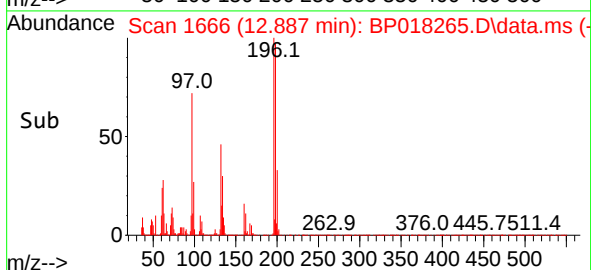
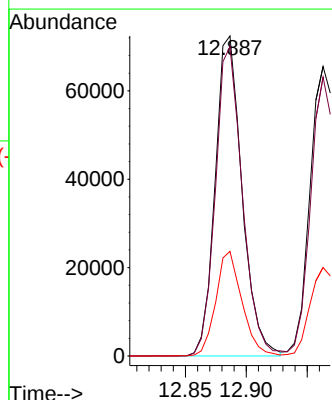
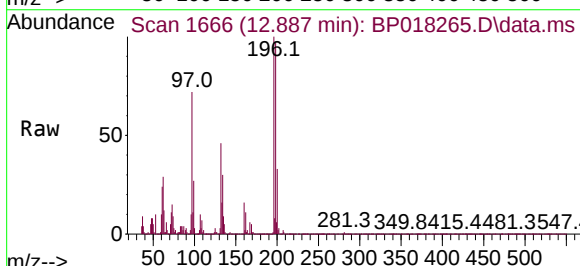
Tgt Ion:196 Resp: 111341

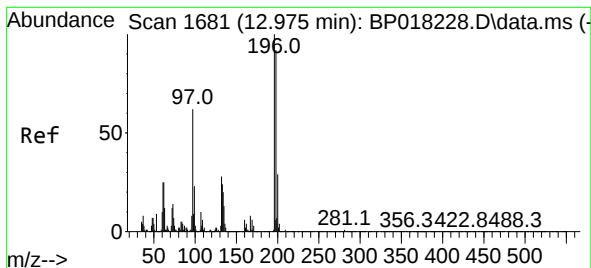
Ion Ratio Lower Upper

196 100

198 96.7 78.9 118.3

200 32.7 25.8 38.8

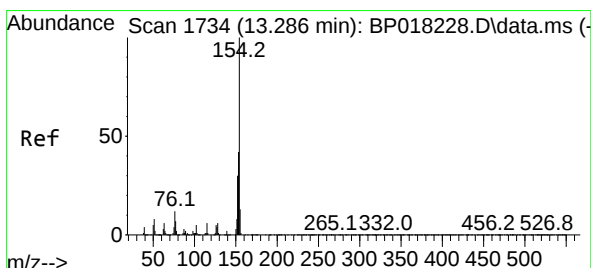
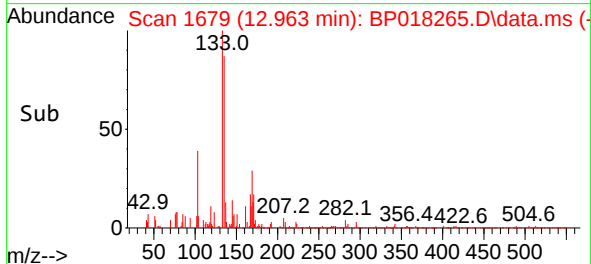
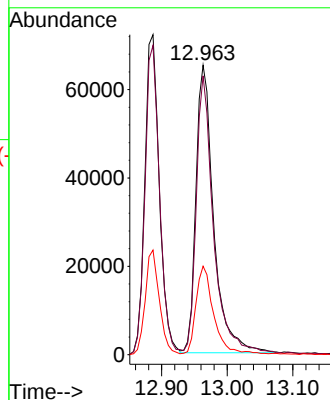
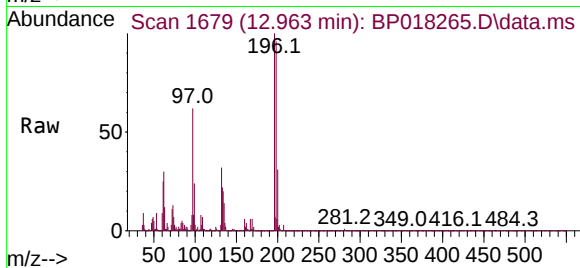




#42
2,4,5-Trichlorophenol
Concen: 45.345 ng/ul
RT: 12.963 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

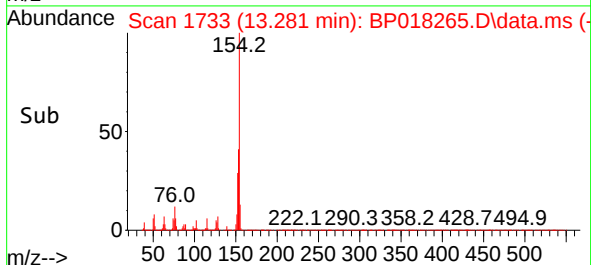
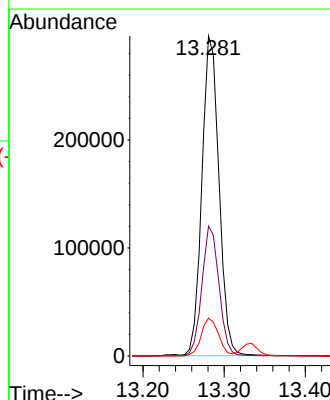
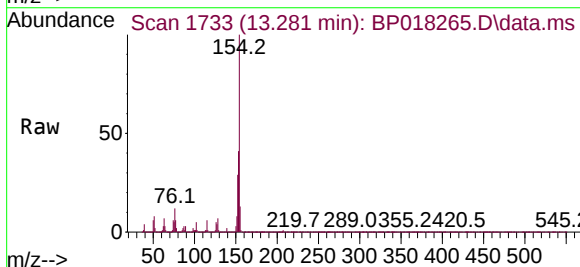
Instrument :
BNA_M
ClientSampleId :

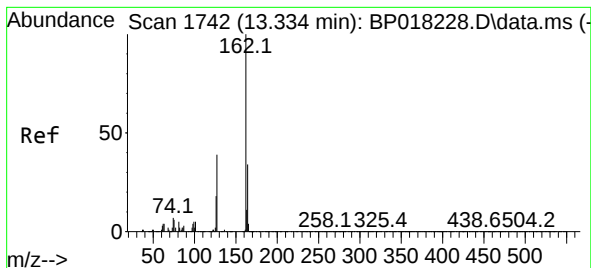
Tgt Ion:196 Resp: 122949
Ion Ratio Lower Upper
196 100
198 96.3 78.9 118.3
200 30.6 26.6 40.0



#43
1,1'-Biphenyl
Concen: 43.759 ng/ul
RT: 13.281 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:154 Resp: 432585
Ion Ratio Lower Upper
154 100
153 40.6 32.4 48.6
76 11.9 9.8 14.8





#44

2-Chloronaphthalene

Concen: 44.125 ng/ul

RT: 13.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

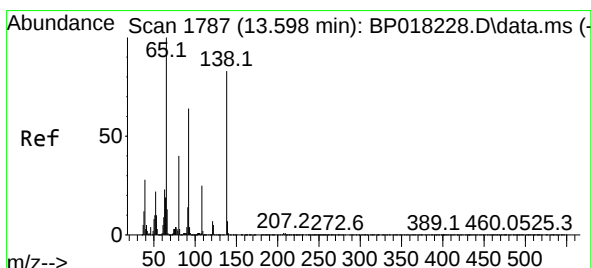
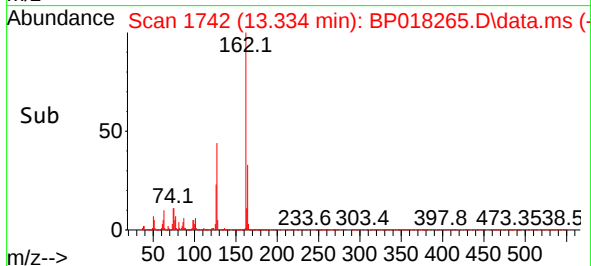
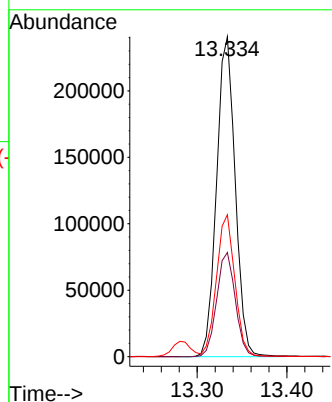
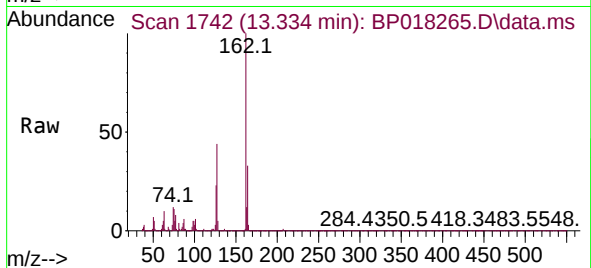
Tgt Ion:162 Resp: 346311

Ion Ratio Lower Upper

162 100

164 32.6 26.9 40.3

127 44.3 35.4 53.2



#45

2-Nitroaniline

Concen: 46.773 ng/ul

RT: 13.592 min Scan# 1786

Delta R.T. -0.012 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

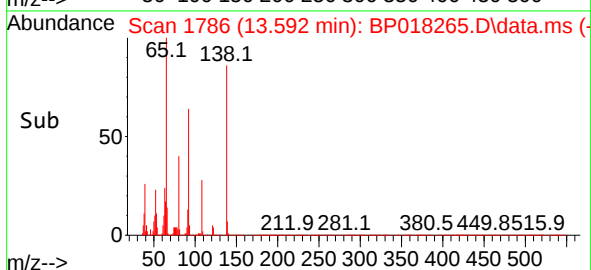
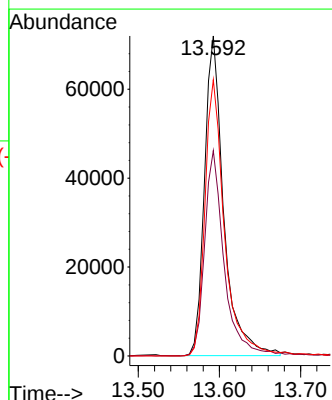
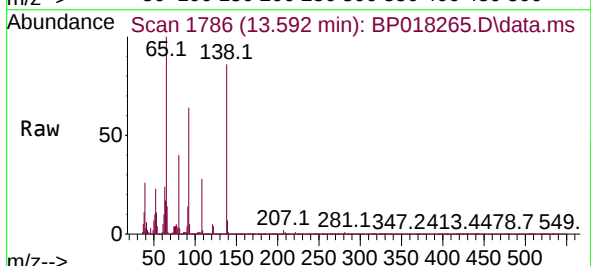
Tgt Ion: 65 Resp: 118461

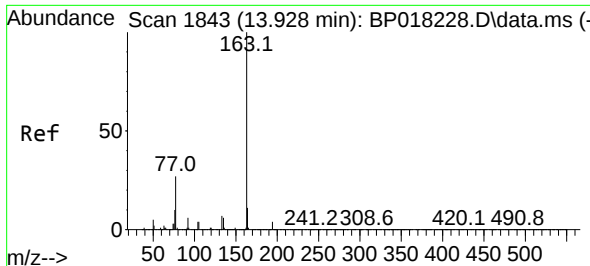
Ion Ratio Lower Upper

65 100

92 64.1 53.8 80.6

138 86.3 75.1 112.7

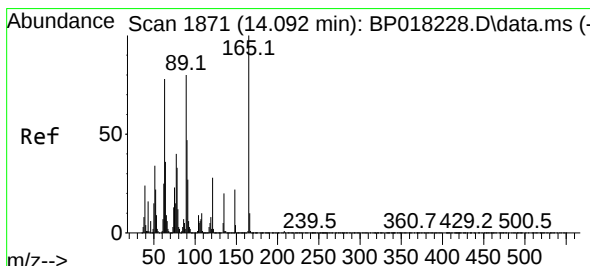
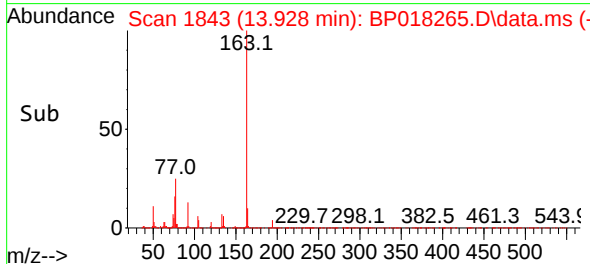
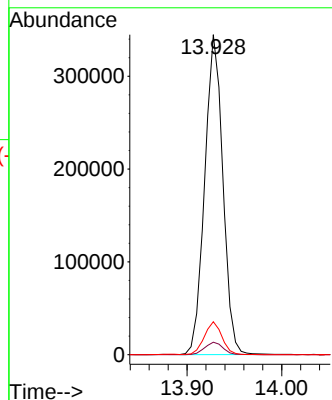
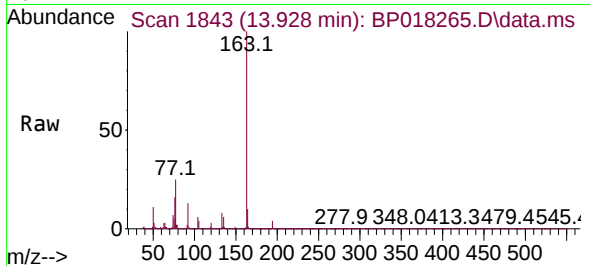




#47
Dimethylphthalate
Concen: 43.688 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

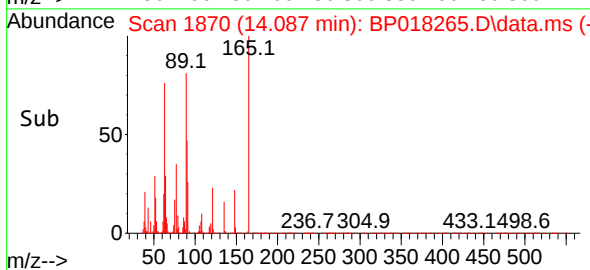
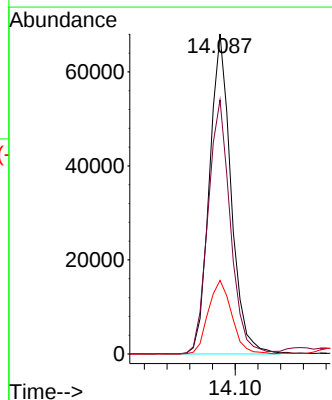
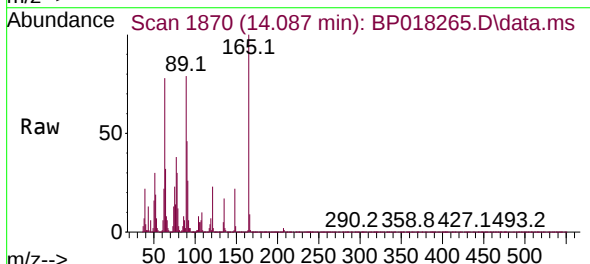
Instrument :
BNA_M
ClientSampleId :

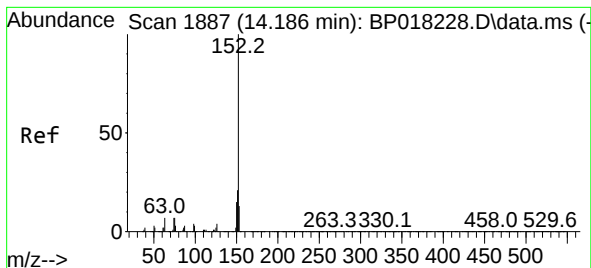
Tgt Ion:163 Resp: 459697
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 42.934 ng/ul
RT: 14.087 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:165 Resp: 89793
Ion Ratio Lower Upper
165 100
89 79.4 59.4 89.0
121 23.0 18.2 27.4





#50

Acenaphthylene

Concen: 40.846 ng/ul

RT: 14.187 min Scan# 1887

Delta R.T. -0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

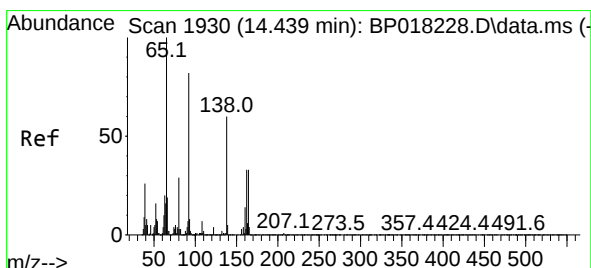
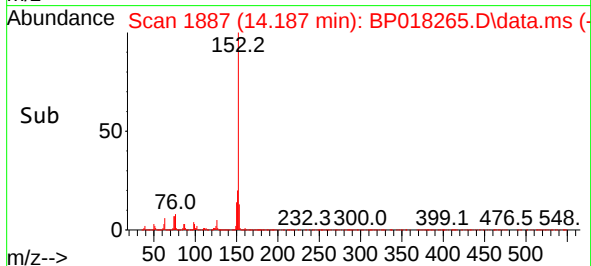
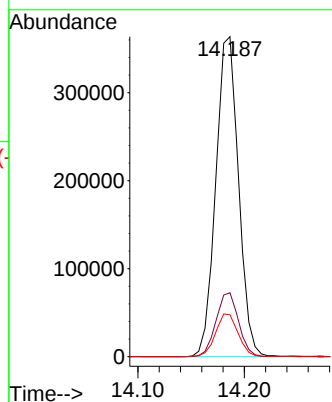
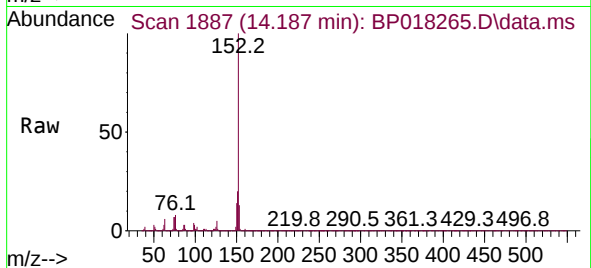
Tgt Ion:152 Resp: 538774

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.1 10.4 15.6



#51

3-Nitroaniline

Concen: 41.473 ng/ul

RT: 14.434 min Scan# 1929

Delta R.T. -0.012 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

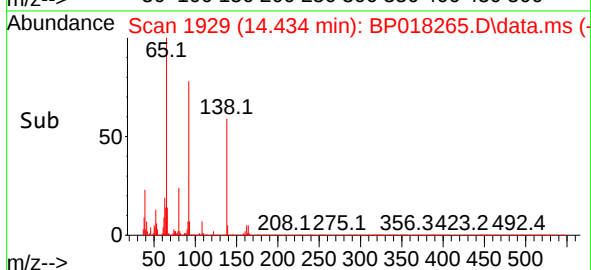
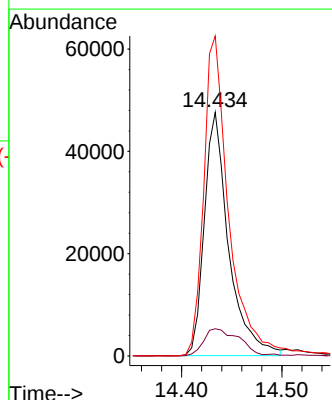
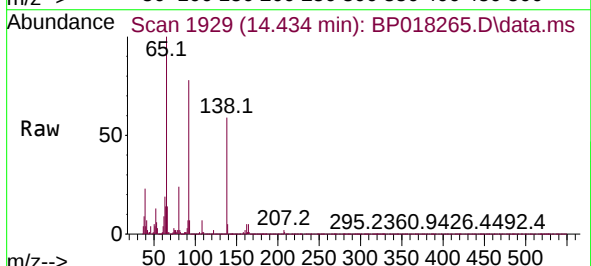
Tgt Ion:138 Resp: 80486

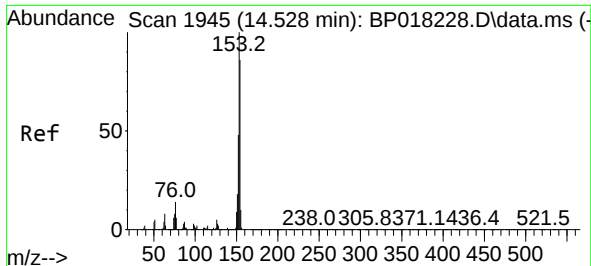
Ion Ratio Lower Upper

138 100

108 11.2 8.3 12.5

92 131.3 99.0 148.4

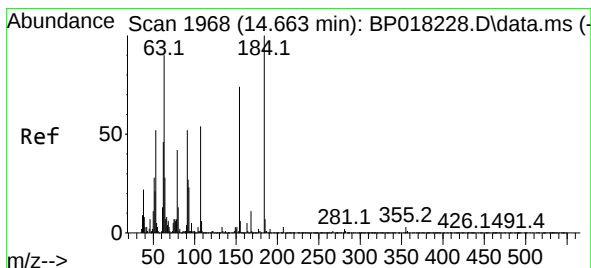
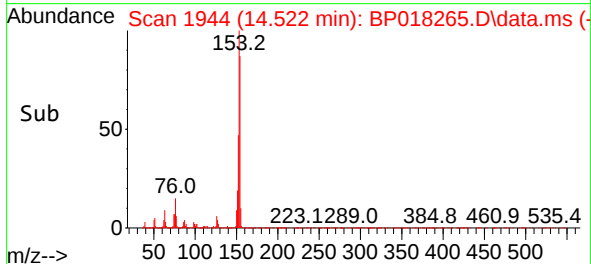
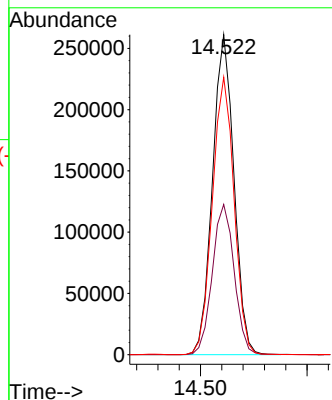
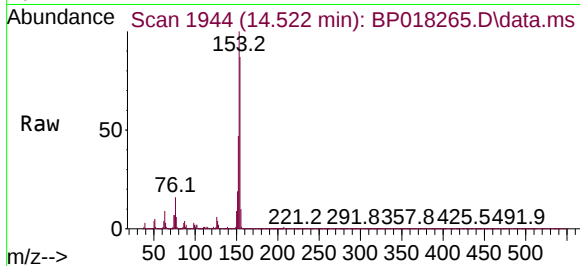




#52
Acenaphthene
Concen: 41.661 ng/ul
RT: 14.522 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

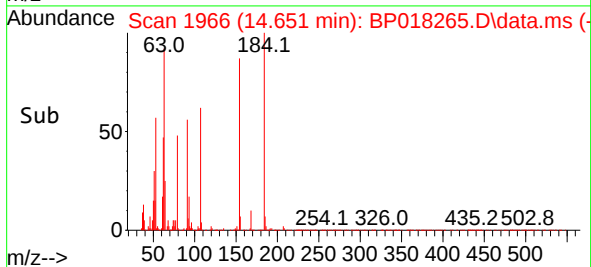
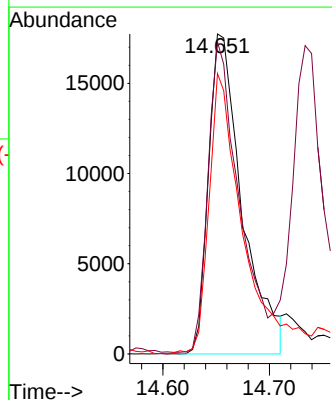
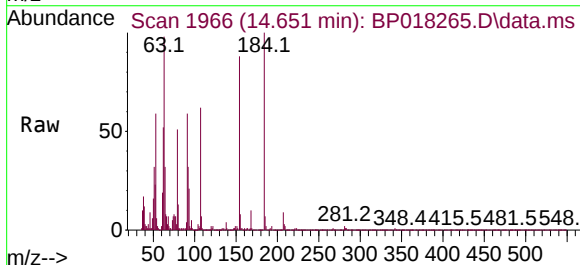
Instrument :
BNA_M
ClientSampleId :

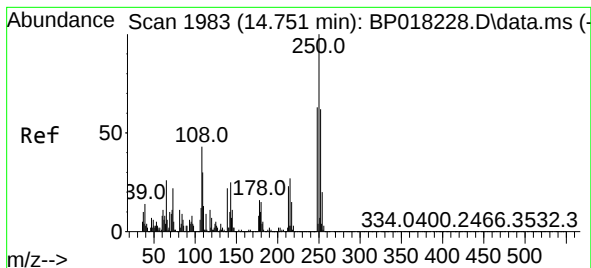
Tgt Ion:153 Resp: 364395
Ion Ratio Lower Upper
153 100
152 46.9 39.0 58.6
154 86.7 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 33.979 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.024 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:184 Resp: 38768
Ion Ratio Lower Upper
184 100
63 97.6 67.7 101.5
154 87.7 60.2 90.4

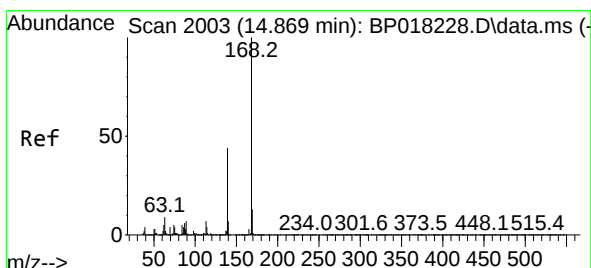
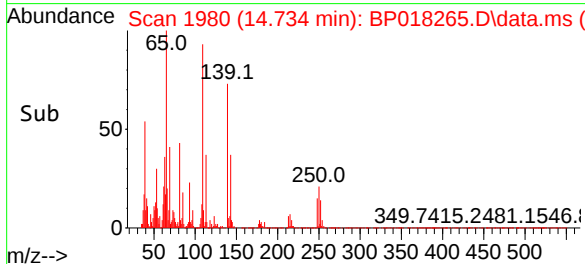
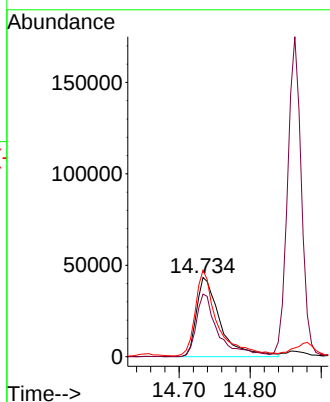
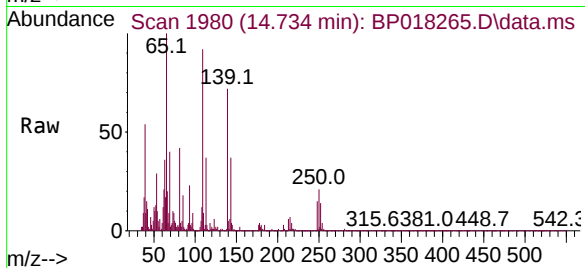




#55
4-Nitrophenol
Concen: 47.252 ng/ul
RT: 14.734 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

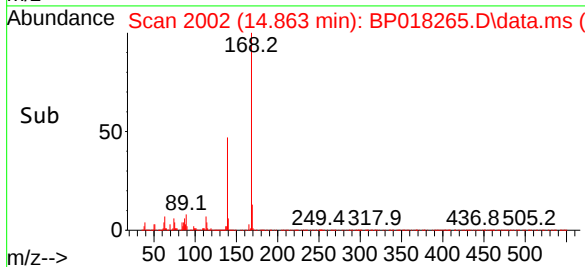
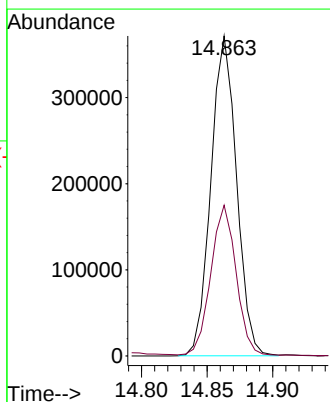
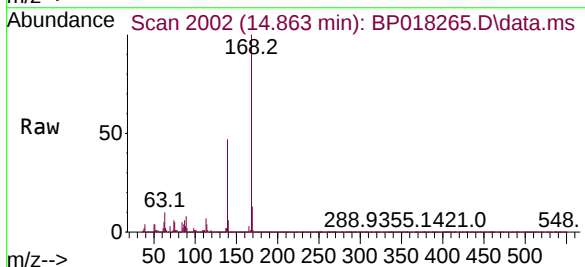
Instrument :
BNA_M
ClientSampleId :

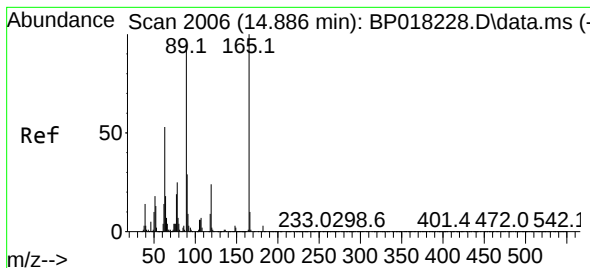
Tgt Ion:109 Resp: 100537
Ion Ratio Lower Upper
109 100
139 78.9 74.9 112.3
65 109.0 93.8 140.6



#56
Dibenzofuran
Concen: 42.149 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:168 Resp: 505215
Ion Ratio Lower Upper
168 100
139 47.1 34.0 51.0

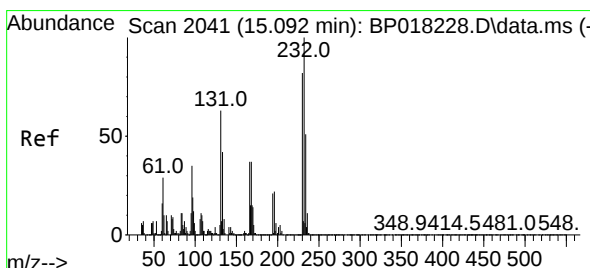
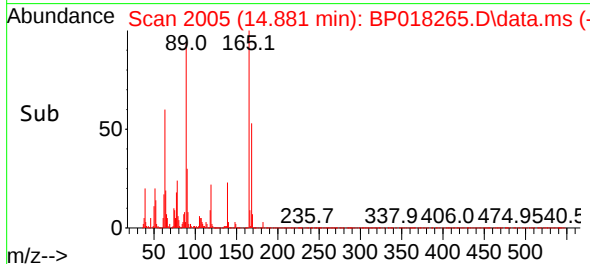
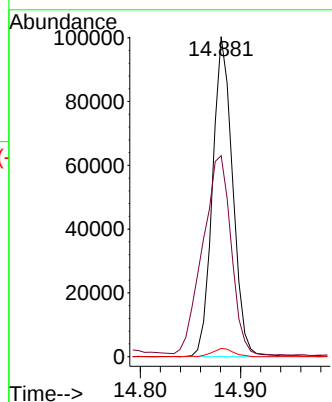
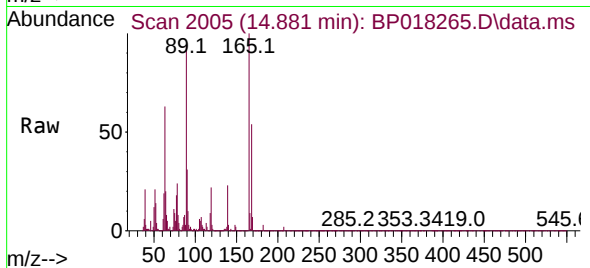




#57
2,4-Dinitrotoluene
Concen: 44.796 ng/ul
RT: 14.881 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

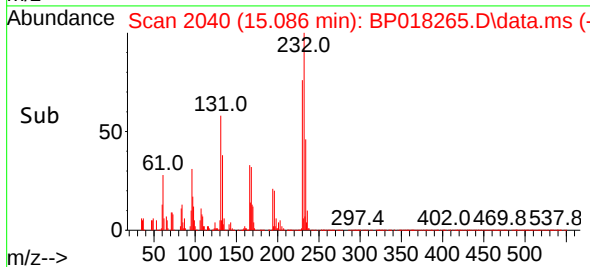
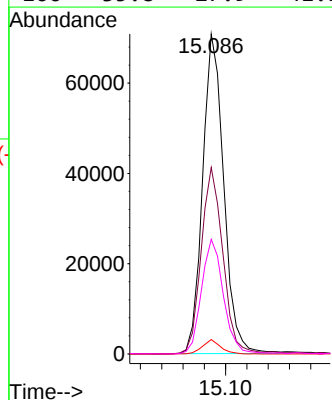
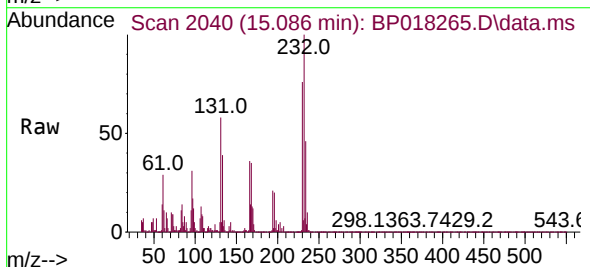
Instrument :
BNA_M
ClientSampleId :

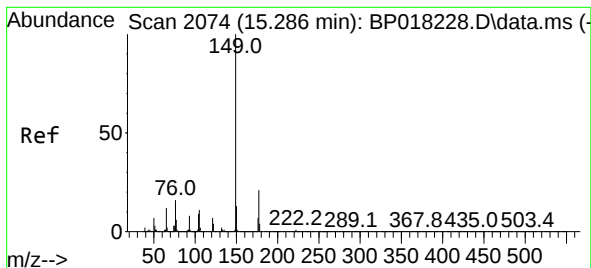
Tgt Ion:165 Resp: 139977
Ion Ratio Lower Upper
165 100
63 62.8 48.6 72.8
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.495 ng/ul
RT: 15.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:232 Resp: 97675
Ion Ratio Lower Upper
232 100
131 58.2 44.1 66.1
130 4.5 2.5 3.7#
166 35.8 27.9 41.9





#59

Diethylphthalate

Concen: 45.195 ng/ul

RT: 15.286 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

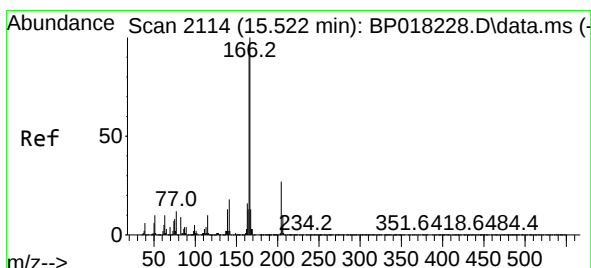
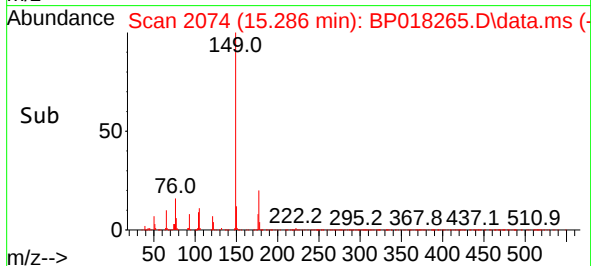
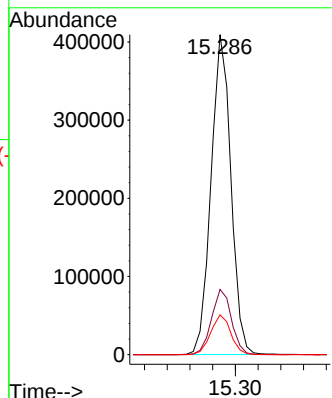
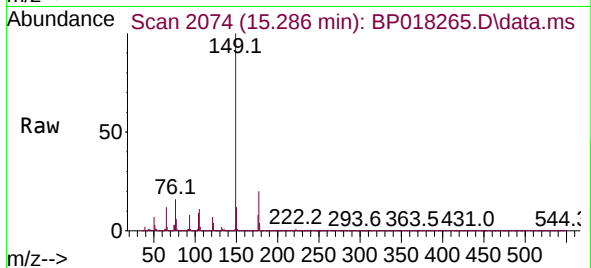
Tgt Ion:149 Resp: 496836

Ion Ratio Lower Upper

149 100

177 20.4 16.3 24.5

150 12.4 10.0 15.0



#61

Fluorene

Concen: 43.324 ng/ul

RT: 15.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

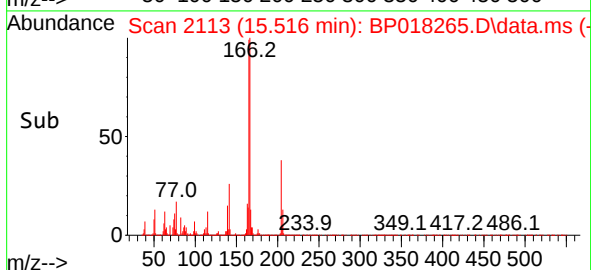
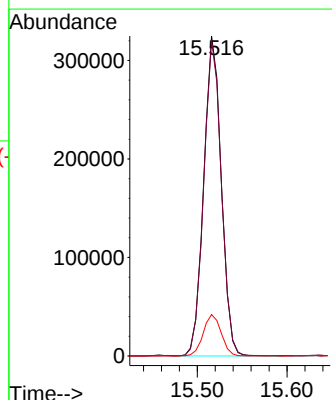
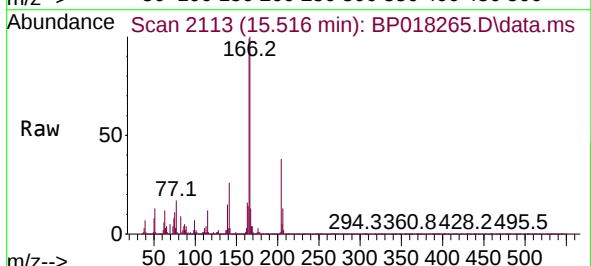
Tgt Ion:166 Resp: 440874

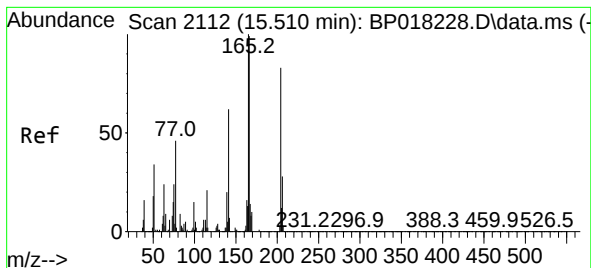
Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.6

167 13.0 10.6 16.0

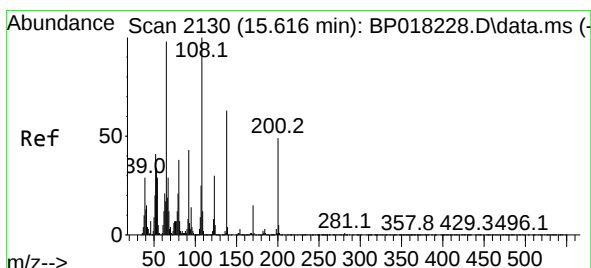
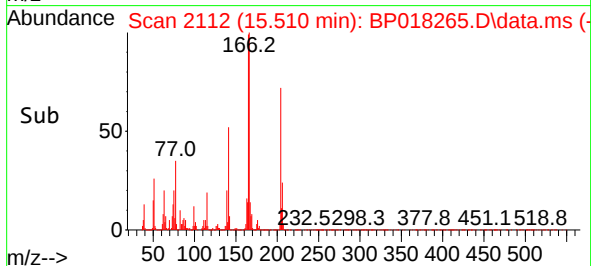
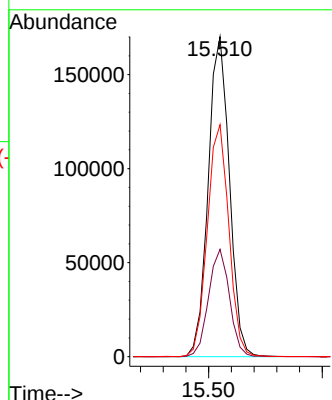
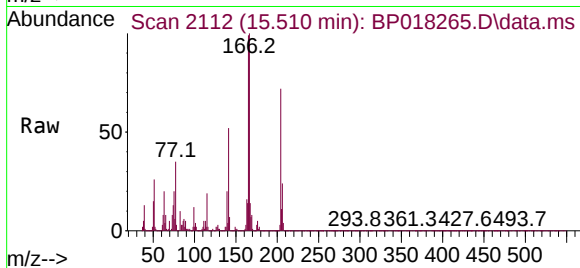




#62
4-Chlorophenyl-phenylether
Concen: 44.293 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

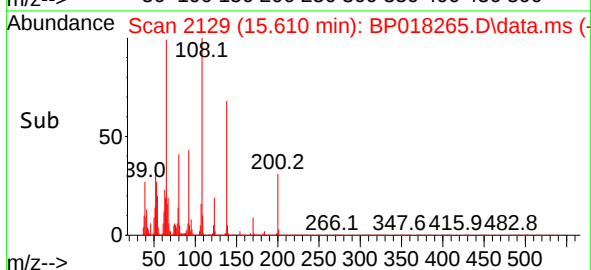
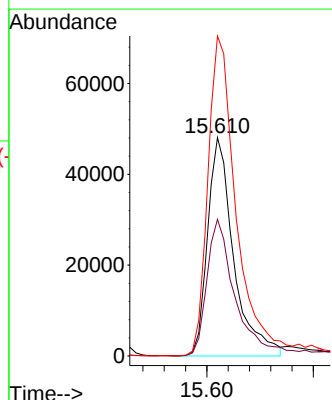
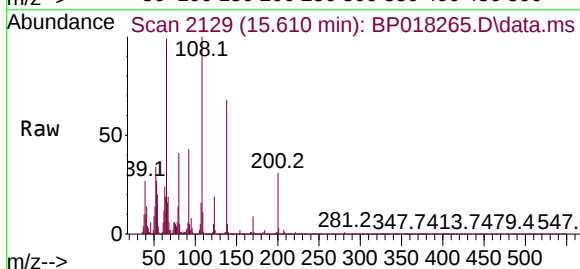
Instrument :
BNA_M
ClientSampleId :

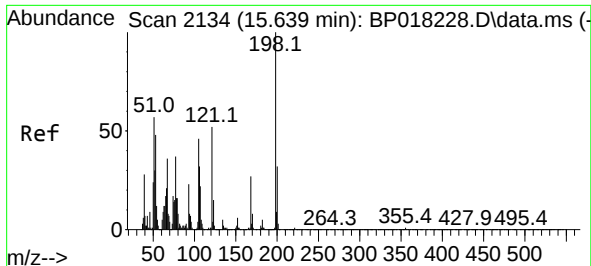
Tgt Ion:204 Resp: 220883
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 72.5 56.0 84.0



#63
4-Nitroaniline
Concen: 44.789 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:138 Resp: 82024
Ion Ratio Lower Upper
138 100
92 62.6 46.6 70.0
108 146.5 104.7 157.1

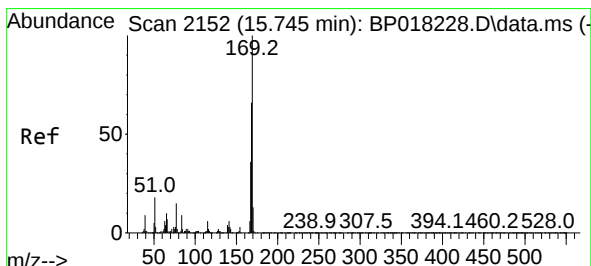
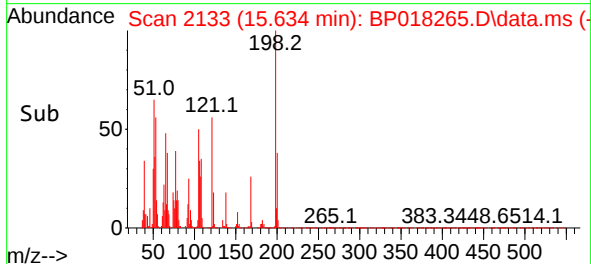
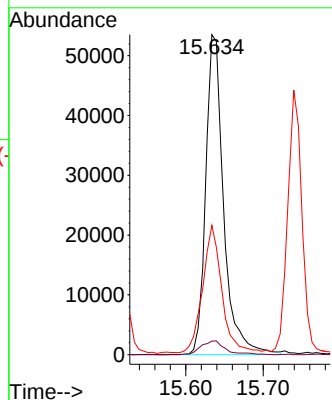
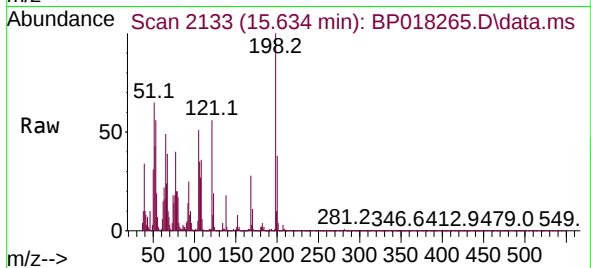




#66
4,6-Dinitro-2-methylphenol
Concen: 42.058 ng/ul
RT: 15.634 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

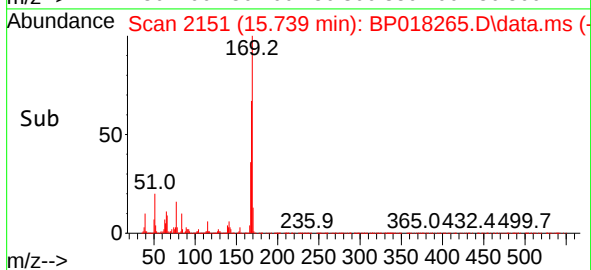
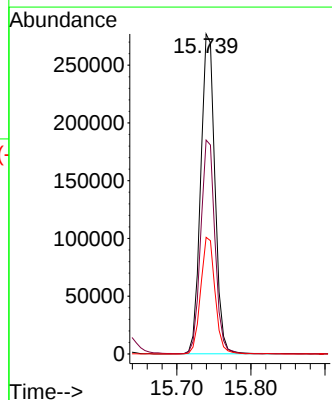
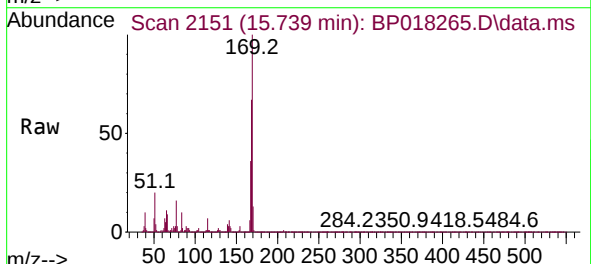
Instrument :
BNA_M
ClientSampleId :

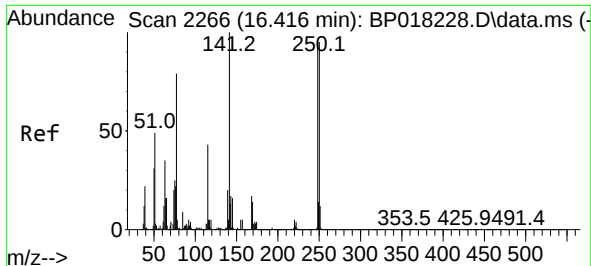
Tgt Ion:198 Resp: 85730
Ion Ratio Lower Upper
198 100
182 4.3 3.8 5.6
77 40.4 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 42.207 ng/ul
RT: 15.739 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:169 Resp: 367815
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 36.5 29.8 44.6

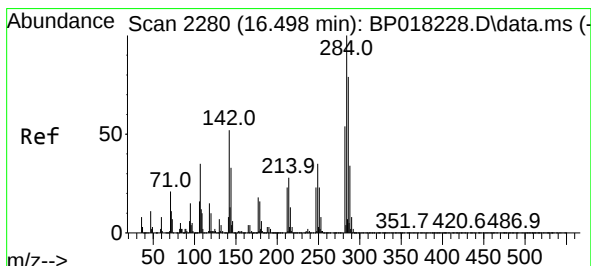
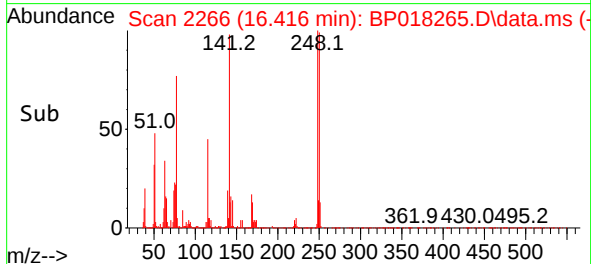
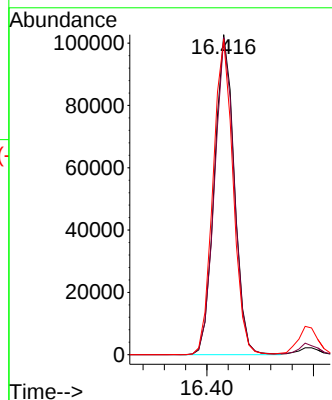
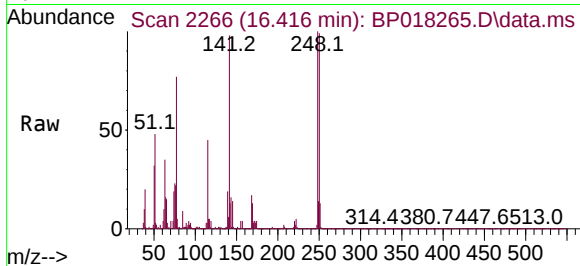




#68
4-Bromophenyl-phenylether
Concen: 43.443 ng/ul
RT: 16.416 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

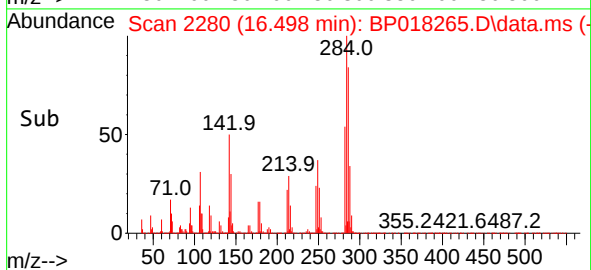
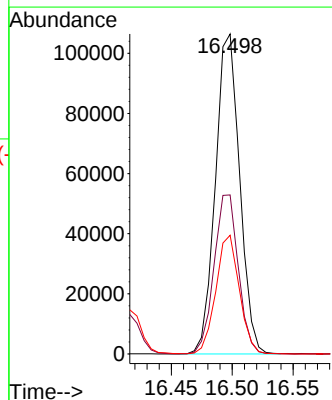
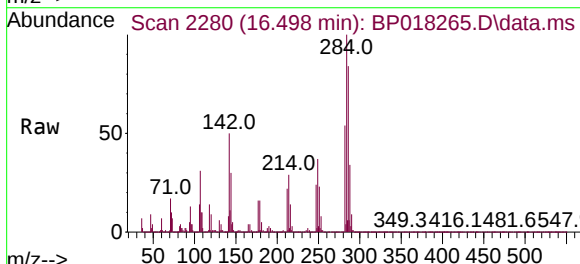
Instrument :
BNA_M
ClientSampleId :

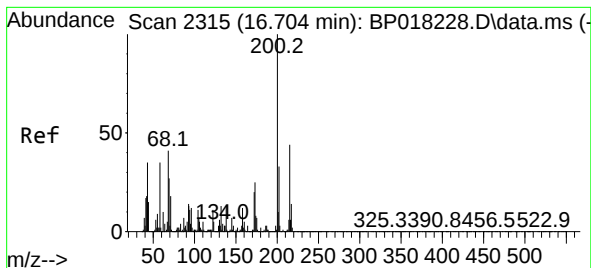
Tgt Ion:248 Resp: 133048
Ion Ratio Lower Upper
248 100
250 99.1 72.7 109.1
141 98.5 70.4 105.6



#69
Hexachlorobenzene
Concen: 43.150 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:284 Resp: 147460
Ion Ratio Lower Upper
284 100
142 49.7 38.9 58.3
249 37.1 28.6 43.0





#70

Atrazine

Concen: 37.484 ng/ul

RT: 16.704 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

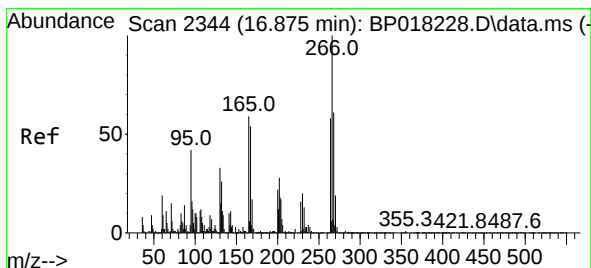
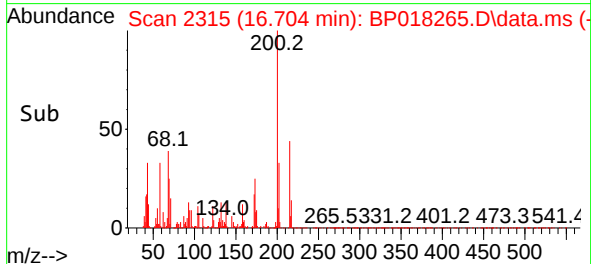
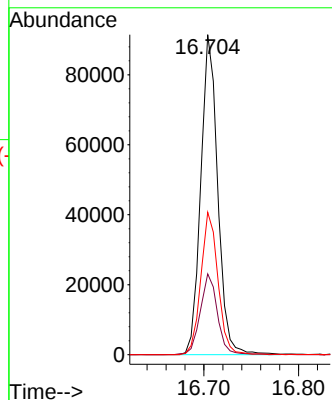
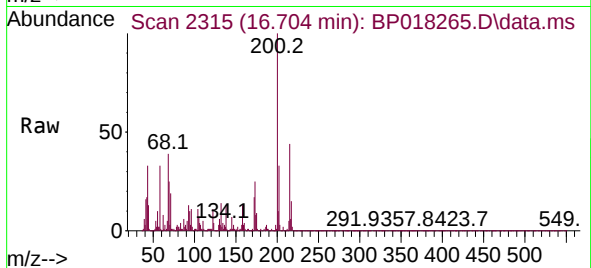
Tgt Ion:200 Resp: 113945

Ion Ratio Lower Upper

200 100

173 25.2 20.2 30.2

215 44.5 37.8 56.8



#71

Pentachlorophenol

Concen: 31.779 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

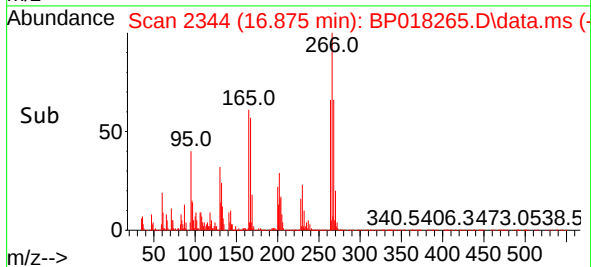
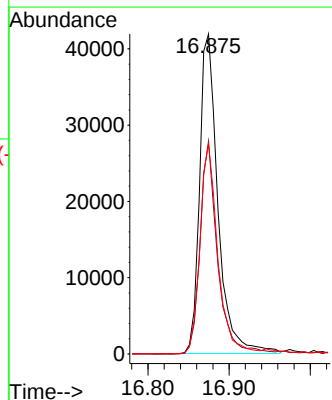
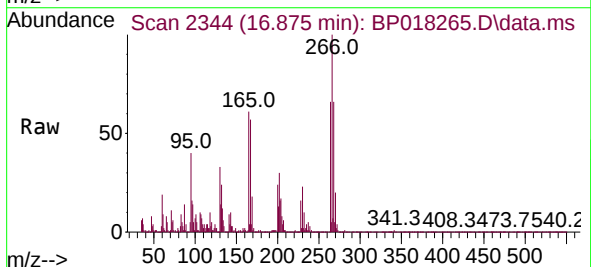
Tgt Ion:266 Resp: 65923

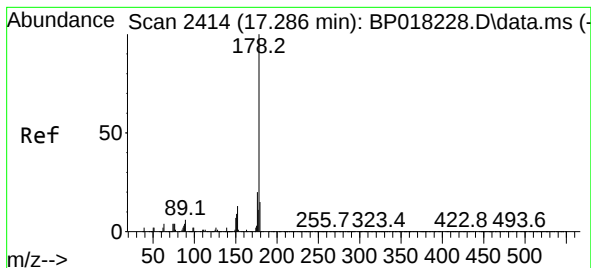
Ion Ratio Lower Upper

266 100

264 66.5 50.7 76.1

268 65.6 52.4 78.6





#72

Phenanthrene

Concen: 43.935 ng/ul

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

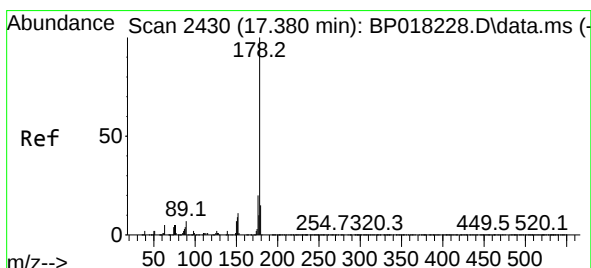
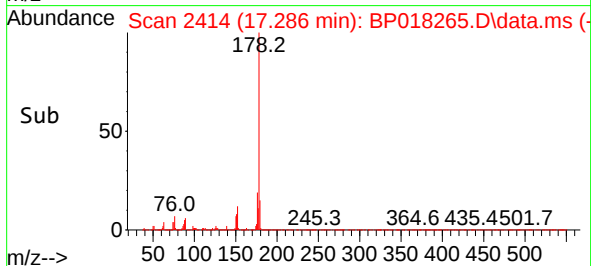
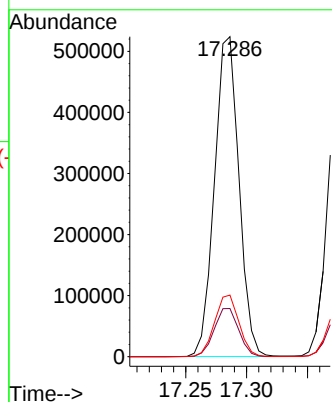
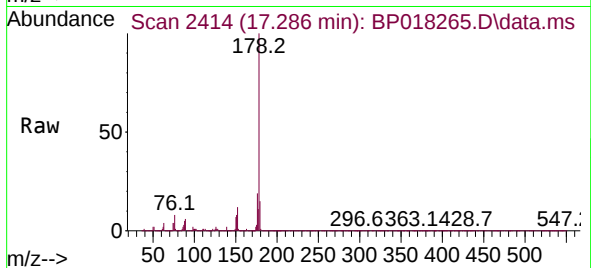
Tgt Ion:178 Resp: 733014

Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

176 19.2 15.5 23.3



#74

Anthracene

Concen: 43.093 ng/ul

RT: 17.375 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

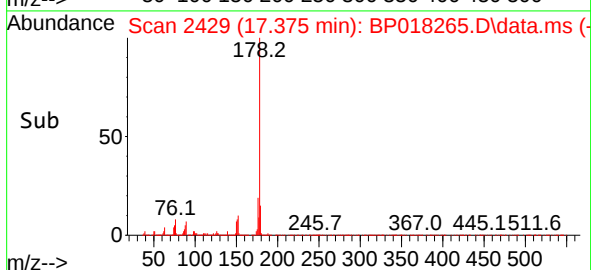
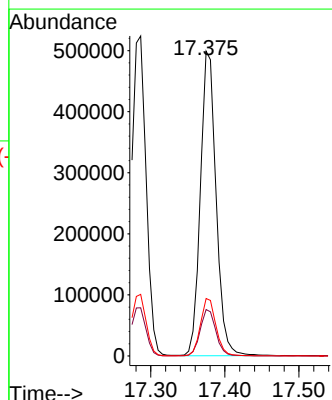
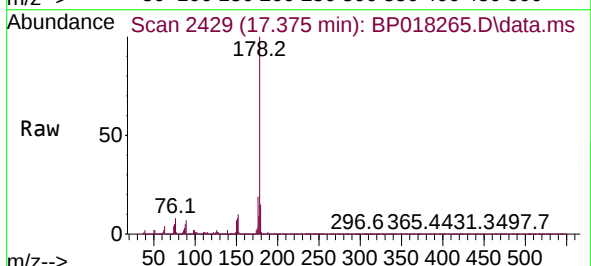
Tgt Ion:178 Resp: 733710

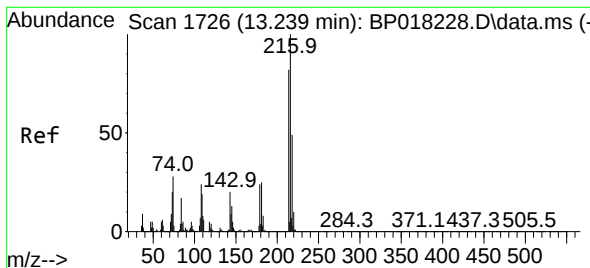
Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

176 18.8 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 43.831 ng/uL

RT: 13.234 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

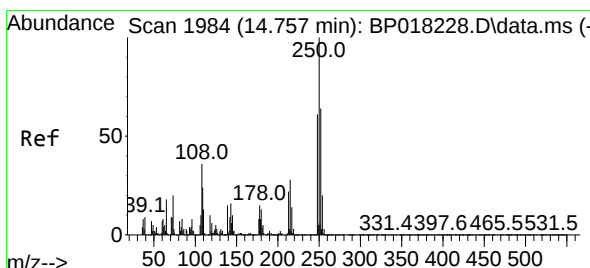
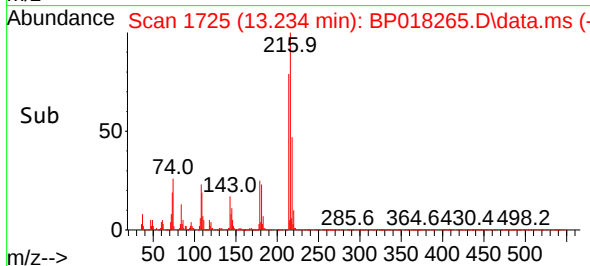
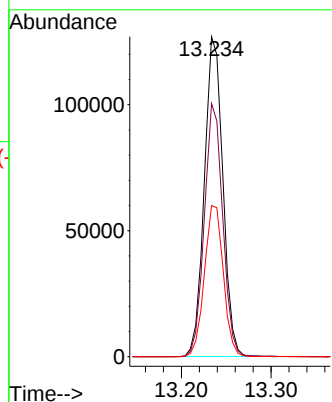
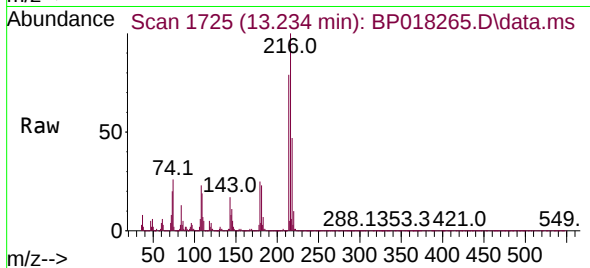
Tgt Ion:216 Resp: 181875

Ion Ratio Lower Upper

216 100

214 79.1 64.0 96.0

218 47.3 39.0 58.4



#76

Pentachlorobenzene

Concen: 40.371 ng/uL

RT: 14.751 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

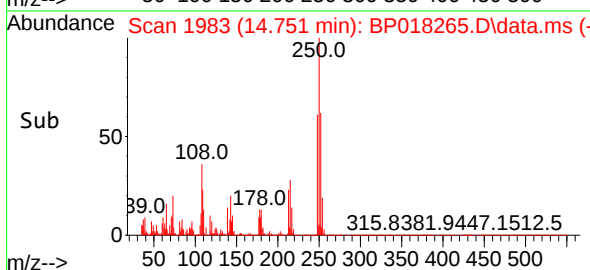
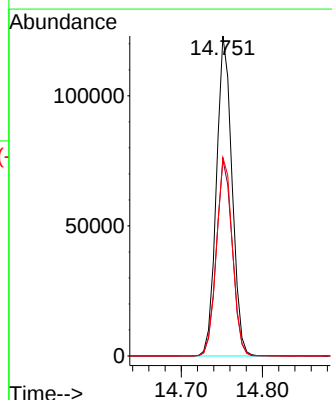
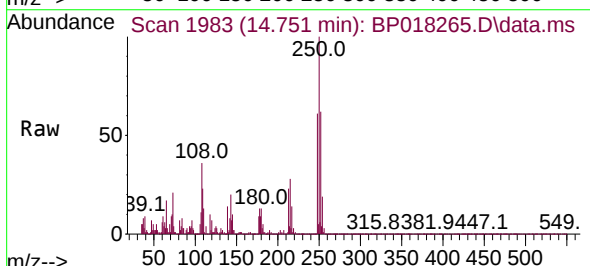
Tgt Ion:250 Resp: 163996

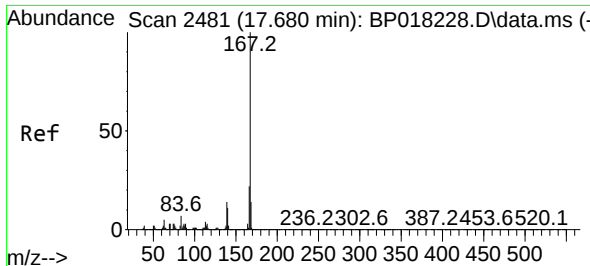
Ion Ratio Lower Upper

250 100

248 61.4 52.7 79.1

252 62.0 52.3 78.5

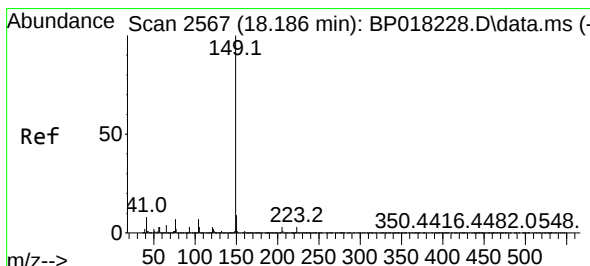
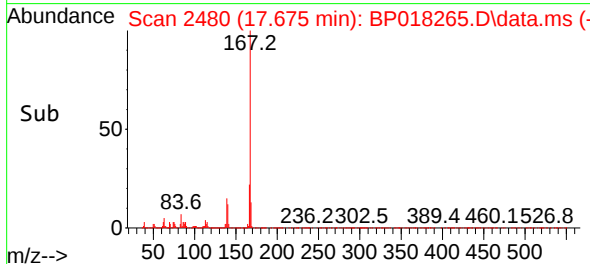
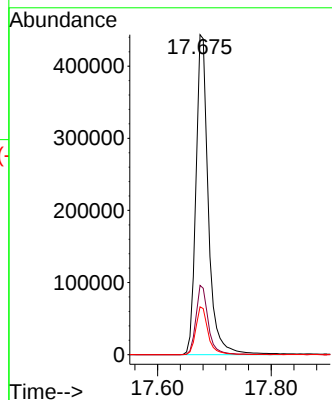
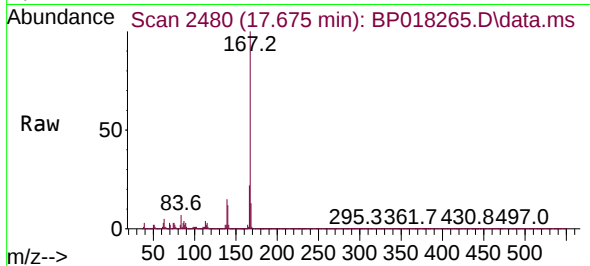




#77
Carbazole
Concen: 45.700 ng/ul
RT: 17.675 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

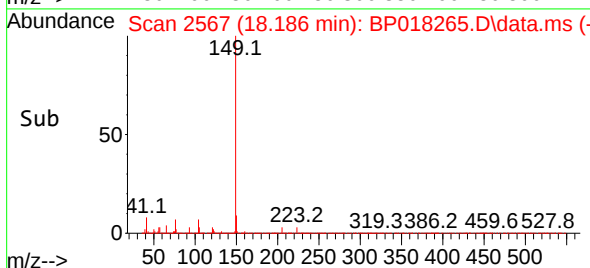
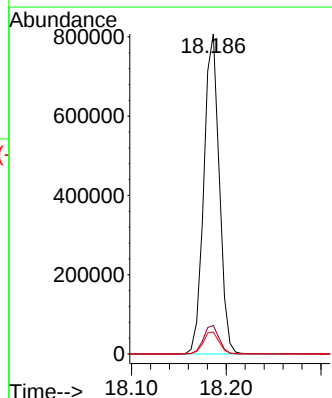
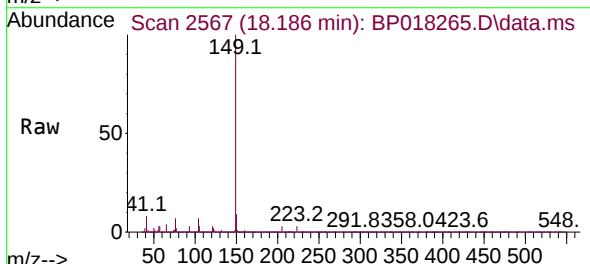
Instrument :
BNA_M
ClientSampleId :

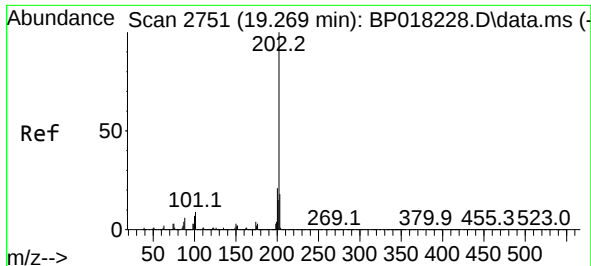
Tgt Ion:167 Resp: 675683
Ion Ratio Lower Upper
167 100
166 21.6 17.6 26.4
139 14.9 11.4 17.0



#78
Di-n-butylphthalate
Concen: 48.762 ng/ul
RT: 18.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:149 Resp: 914767
Ion Ratio Lower Upper
149 100
150 8.9 6.7 10.1
104 6.9 5.1 7.7

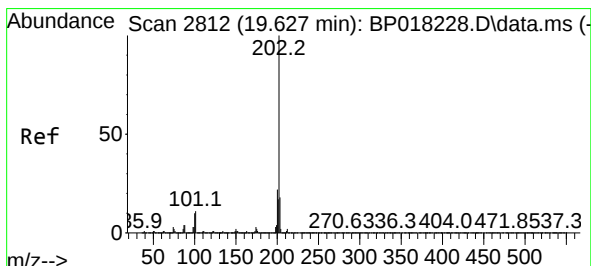
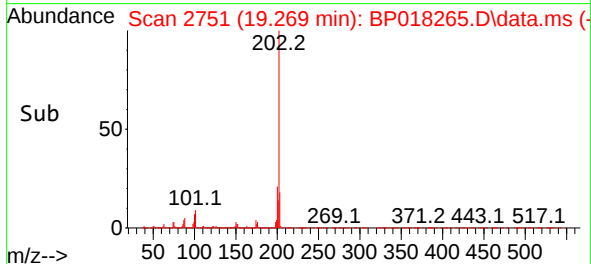
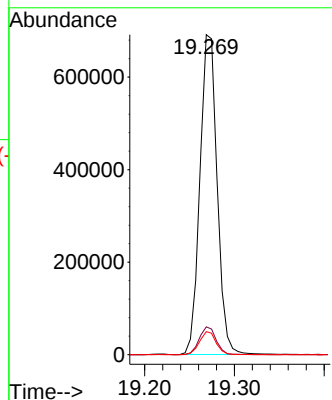
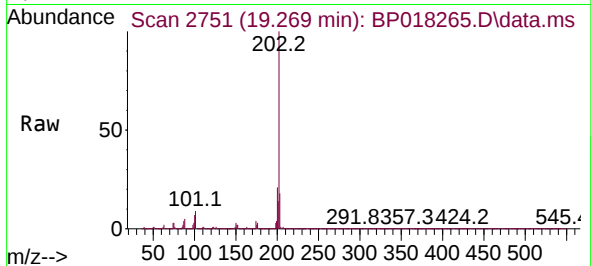




#80
Fluoranthene
Concen: 41.751 ng/ul
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

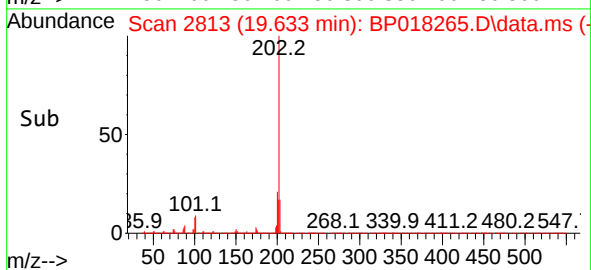
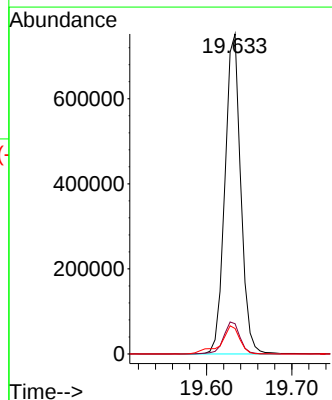
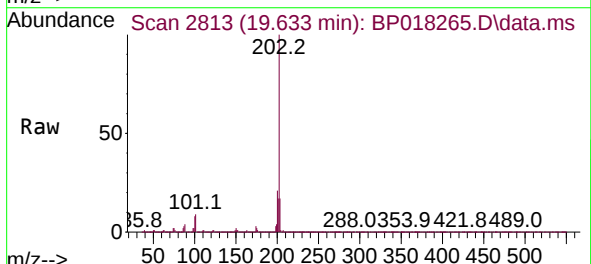
Instrument :
BNA_M
ClientSampleId :

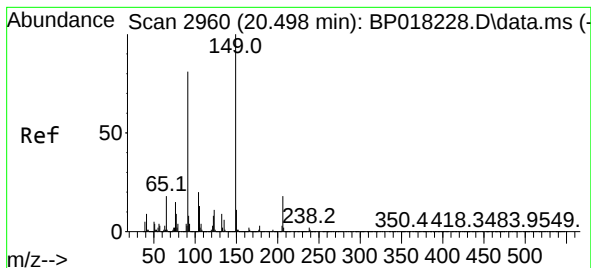
Tgt Ion:202 Resp: 923046
Ion Ratio Lower Upper
202 100
101 8.7 7.2 10.8
100 7.2 5.8 8.6



#82
Pyrene
Concen: 41.856 ng/ul
RT: 19.633 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:202 Resp: 969664
Ion Ratio Lower Upper
202 100
101 9.5 8.3 12.5
100 7.9 7.4 11.2





#83

Butylbenzylphthalate

Concen: 45.960 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

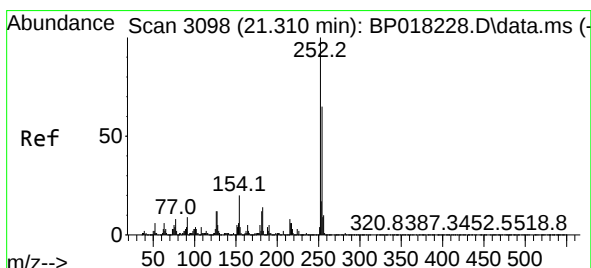
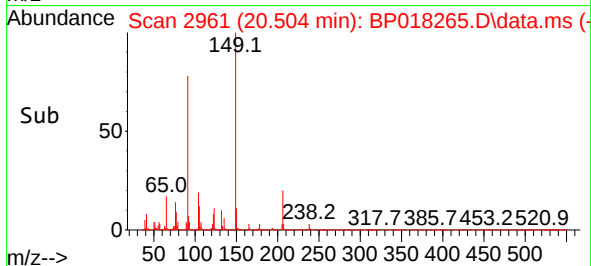
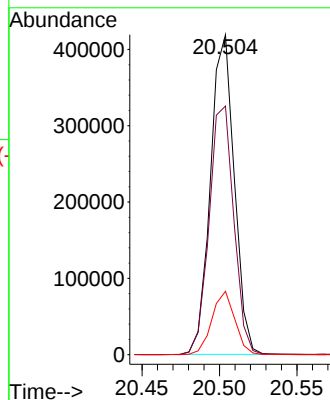
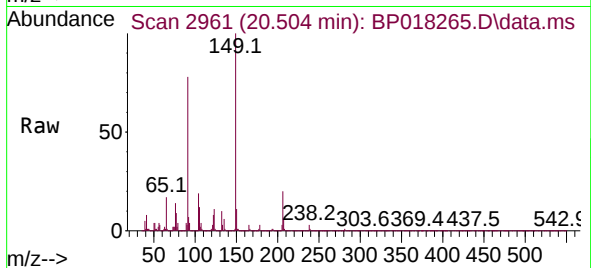
Tgt Ion:149 Resp: 447770

Ion Ratio Lower Upper

149 100

91 77.7 59.6 89.4

206 19.8 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 45.036 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

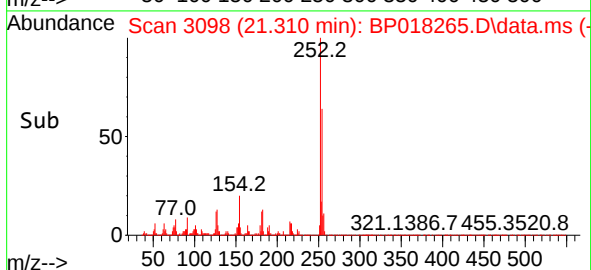
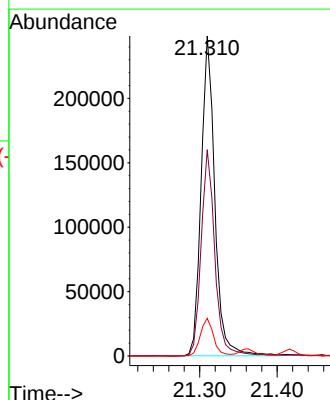
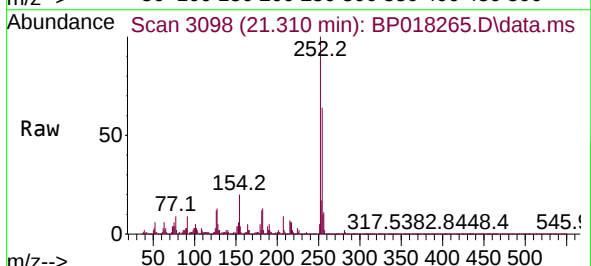
Tgt Ion:252 Resp: 304940

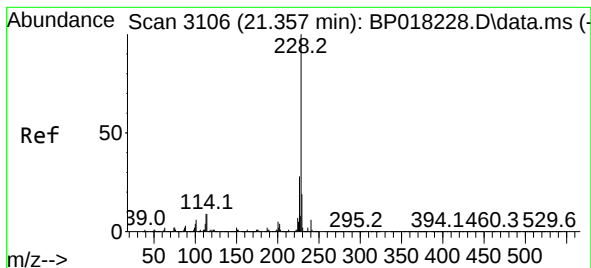
Ion Ratio Lower Upper

252 100

254 64.5 48.9 73.3

126 11.8 9.4 14.0





#85

Benzo(a)anthracene

Concen: 43.859 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

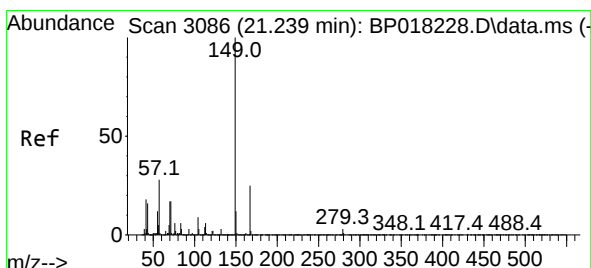
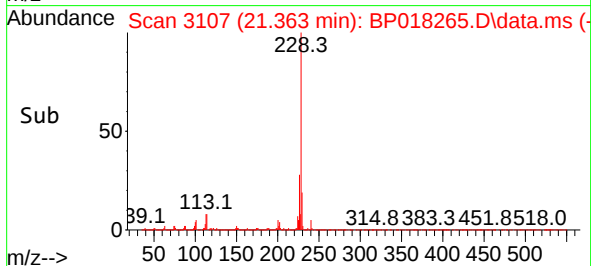
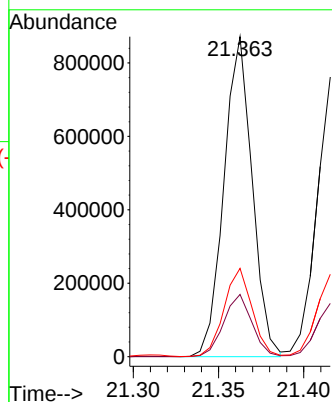
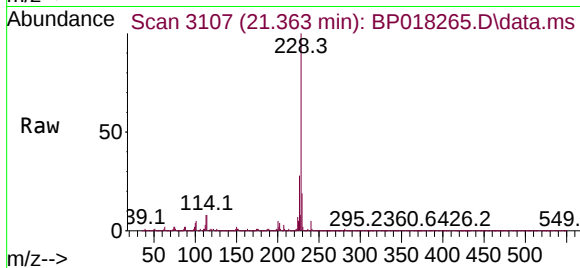
Tgt Ion:228 Resp: 1003708

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.0

226 27.6 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 48.083 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

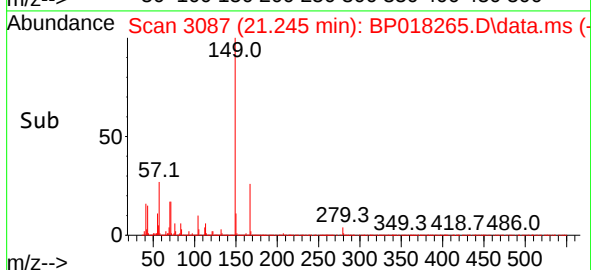
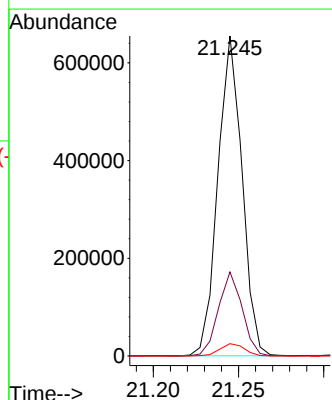
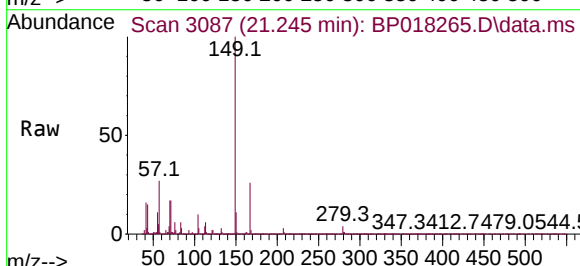
Tgt Ion:149 Resp: 645873

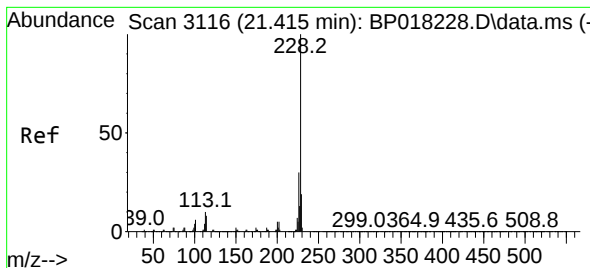
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 3.8 3.2 4.8





#87

Chrysene

Concen: 43.835 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

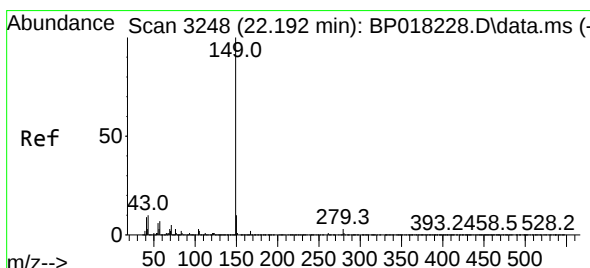
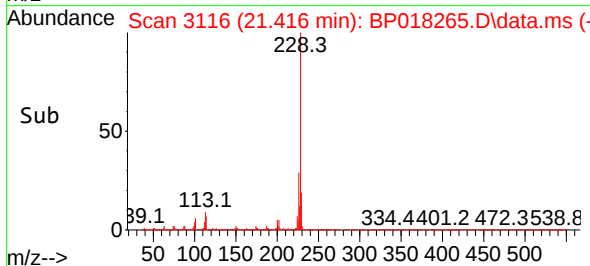
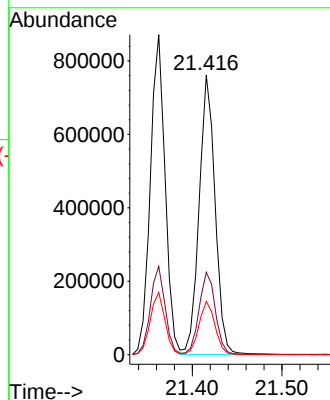
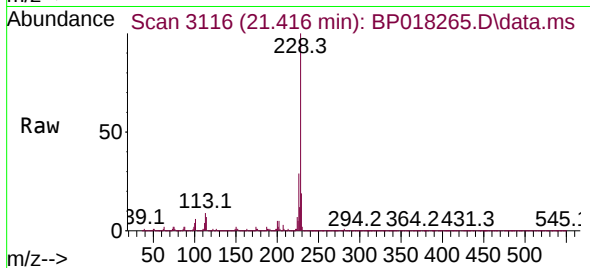
Tgt Ion:228 Resp: 938483

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

229 19.1 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 48.908 ng/ul

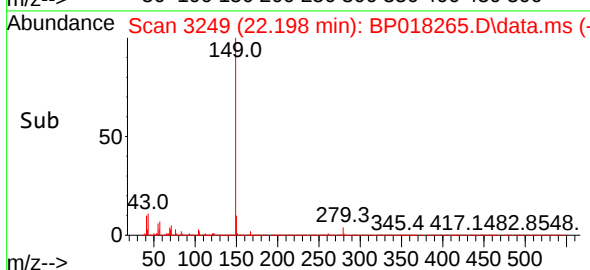
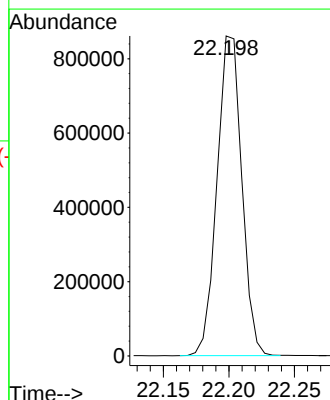
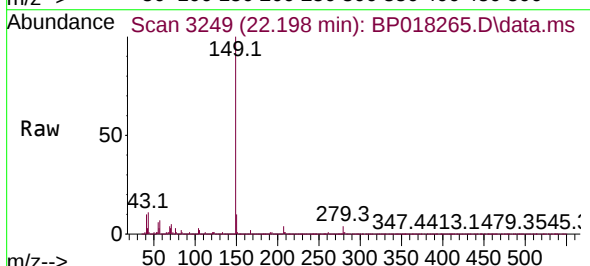
RT: 22.198 min Scan# 3249

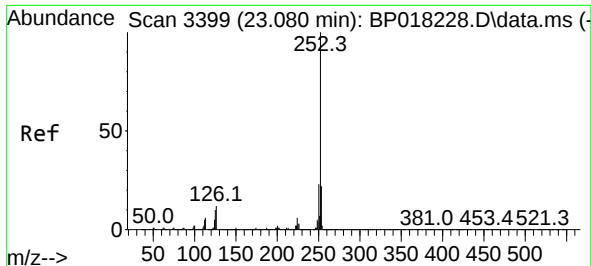
Delta R.T. 0.006 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Tgt Ion:149 Resp: 1129040

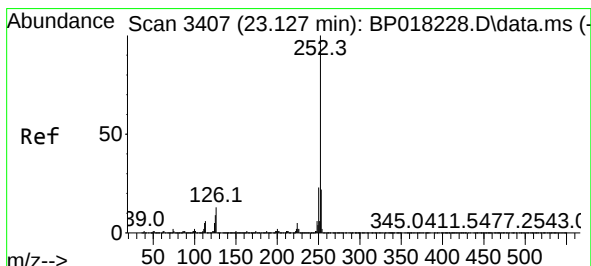
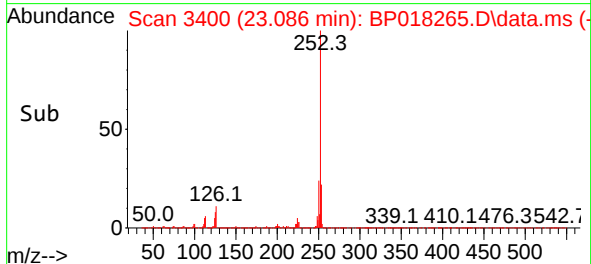
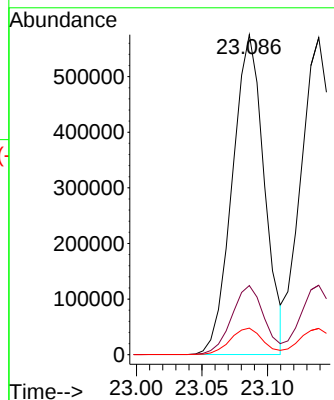
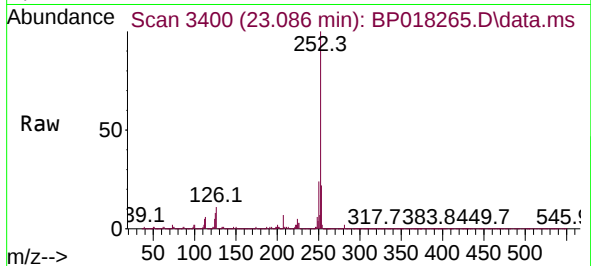




#90
Benzo(b)fluoranthene
Concen: 44.450 ng/ul
RT: 23.086 min Scan# 3400
Delta R.T. 0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

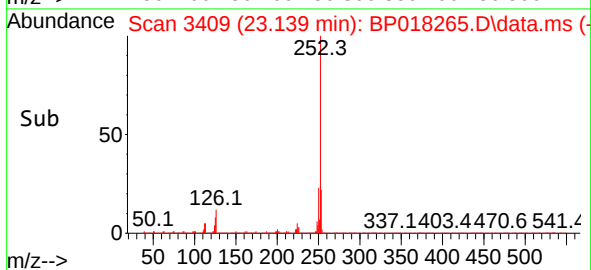
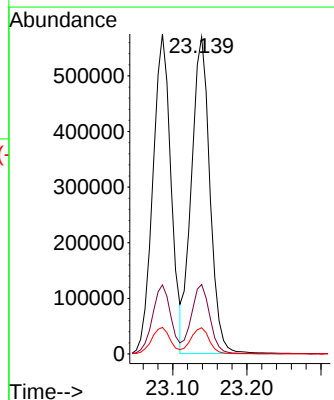
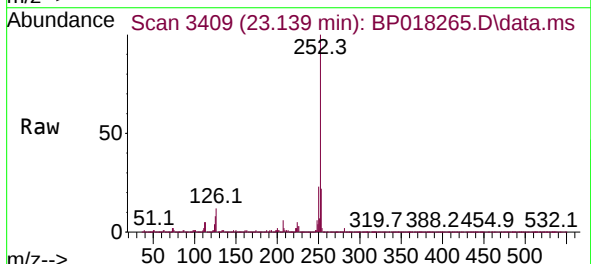
Instrument :
BNA_M
ClientSampleId :

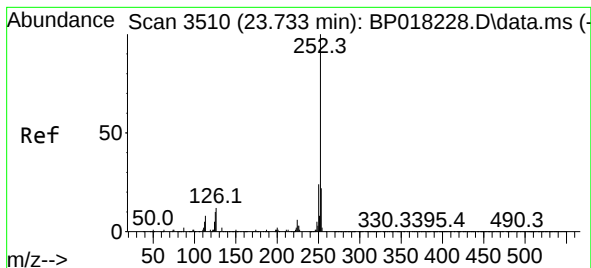
Tgt Ion:252 Resp: 976480
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 8.3 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 44.539 ng/ul
RT: 23.139 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP018265.D
Acq: 18 Nov 2023 17:12

Tgt Ion:252 Resp: 984413
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.3 6.8 10.2





#93

Benzo(a)pyrene

Concen: 47.871 ng/ul

RT: 23.745 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

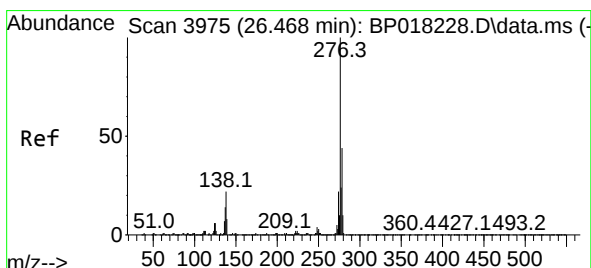
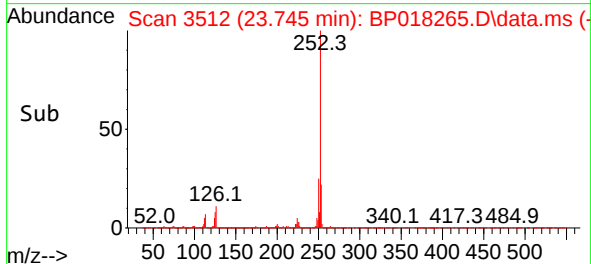
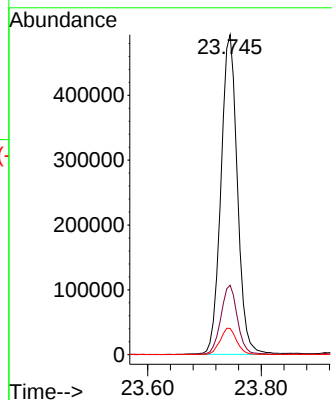
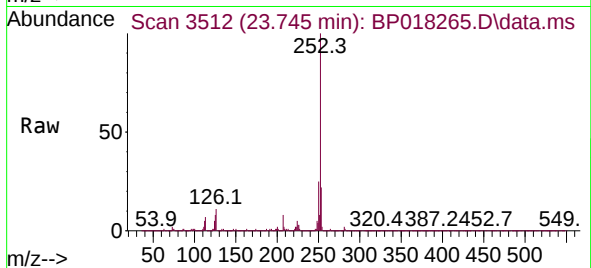
Tgt Ion:252 Resp: 993127

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.2 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 43.522 ng/ul

RT: 26.486 min Scan# 3978

Delta R.T. 0.024 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

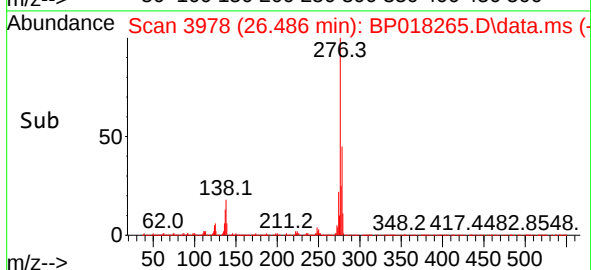
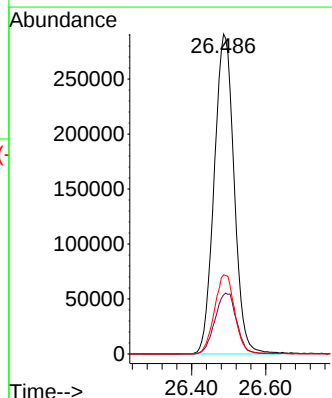
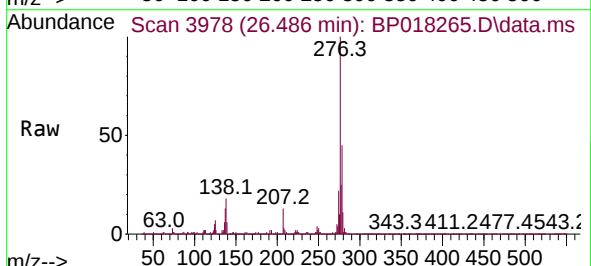
Tgt Ion:276 Resp: 1082903

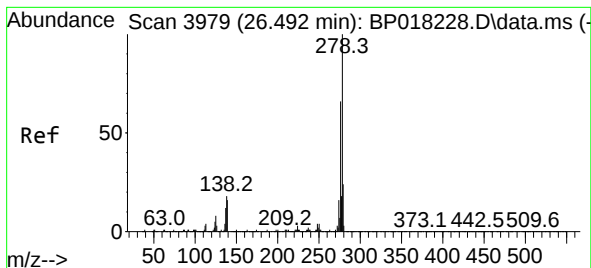
Ion Ratio Lower Upper

276 100

138 18.4 15.6 23.4

277 24.7 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 43.821 ng/ul

RT: 26.509 min Scan# 3979

Delta R.T. 0.018 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Instrument :

BNA_M

ClientSampleId :

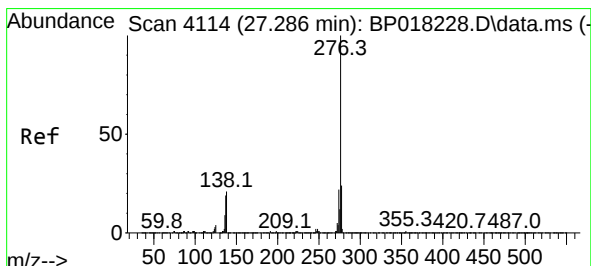
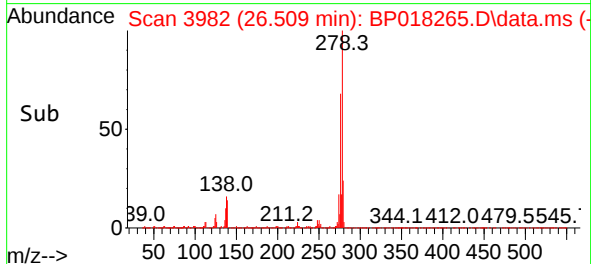
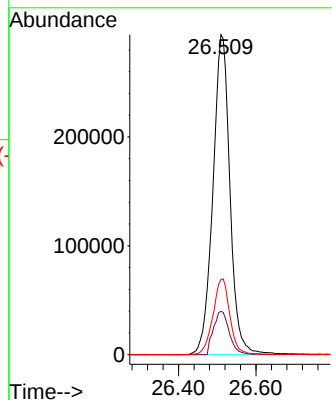
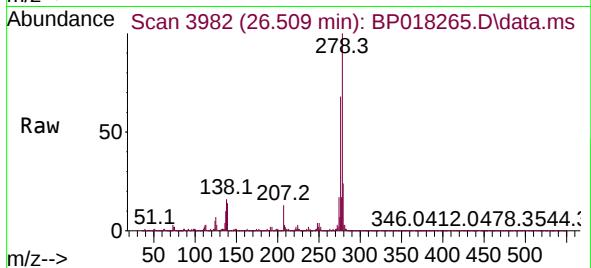
Tgt Ion:278 Resp: 897782

Ion Ratio Lower Upper

278 100

139 13.6 11.1 16.7

279 23.5 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 42.723 ng/ul

RT: 27.309 min Scan# 4118

Delta R.T. 0.029 min

Lab File: BP018265.D

Acq: 18 Nov 2023 17:12

Tgt Ion:276 Resp: 850252

Ion Ratio Lower Upper

276 100

138 17.7 13.8 20.6

277 22.9 20.2 30.2

