

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018266.D
 Acq On : 18 Nov 2023 18:20
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:57:31 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	70590	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.587	136	307214	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.457	164	196880	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	443589	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	450036	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	482504	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	16329	8.160	ng/uL	0.00
4) Pyridine-d5	3.587	84	100226	19.210	ng/u1	0.00
7) Phenol-d5	6.946	99	122153	17.924	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	72904	18.203	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	99985	18.527	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	98078	17.563	ng/u1	-0.01
21) Nitrobenzene-d5	8.981	128	50083	18.095	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	58623	18.695	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	101531	18.167	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	136780	17.847	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	341461	18.797	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	370127	18.707	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.722	143	38380	14.139	ng/u1	-0.01
60) Fluorene-d10	15.457	176	296970	19.801	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.622	200	59319	18.498	ng/u1	0.00
73) Anthracene-d10	17.339	188	457751	19.080	ng/u1	0.00
81) Pyrene-d10	19.598	212	548809	18.257	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	535269	19.078	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	18268	8.366	ng/uL	95
5) Pyridine	3.611	79	104740	19.451	ng/u1	96
6) Benzaldehyde	6.952	77	77836	21.207	ng/u1	97
8) Phenol	6.969	94	117725	17.511	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.222	93	97799	18.751	ng/u1	99
12) 2-Chlorophenol	7.328	128	100135	18.480	ng/u1	93
13) 2-Methylphenol	8.228	108	87698	17.265	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.287	45	64705	10.865	ng/u1	93
16) Acetophenone	8.634	105	165684	18.665	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.599	70	85140	17.568	ng/u1	92
18) 4-Methylphenol	8.569	108	97197	17.545	ng/u1	93
19) Hexachloroethane	8.816	117	53860	20.775	ng/u1	87
22) Nitrobenzene	9.022	77	145581	19.479	ng/u1	95
23) Isophorone	9.528	82	246515	18.076	ng/u1	99
25) 2-Nitrophenol	9.728	139	61325	19.032	ng/u1	98
26) 2,4-Dimethylphenol	9.769	107	122040	17.805	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.022	93	139906	18.813	ng/u1	98
29) 2,4-Dichlorophenol	10.252	162	100816	18.891	ng/u1	96
30) Naphthalene	10.640	128	350463	18.758	ng/u1	98
32) 4-Chloroaniline	10.799	127	134001	18.253	ng/u1	98
33) Hexachlorobutadiene	10.857	225	78001	19.909	ng/u1	97
34) Caprolactam	11.634	113	27524	15.525	ng/u1	96
35) 4-Chloro-3-methylphenol	11.916	107	118097	18.393	ng/u1	94
36) 2-Methylnaphthalene	12.263	142	240372	18.740	ng/u1	99

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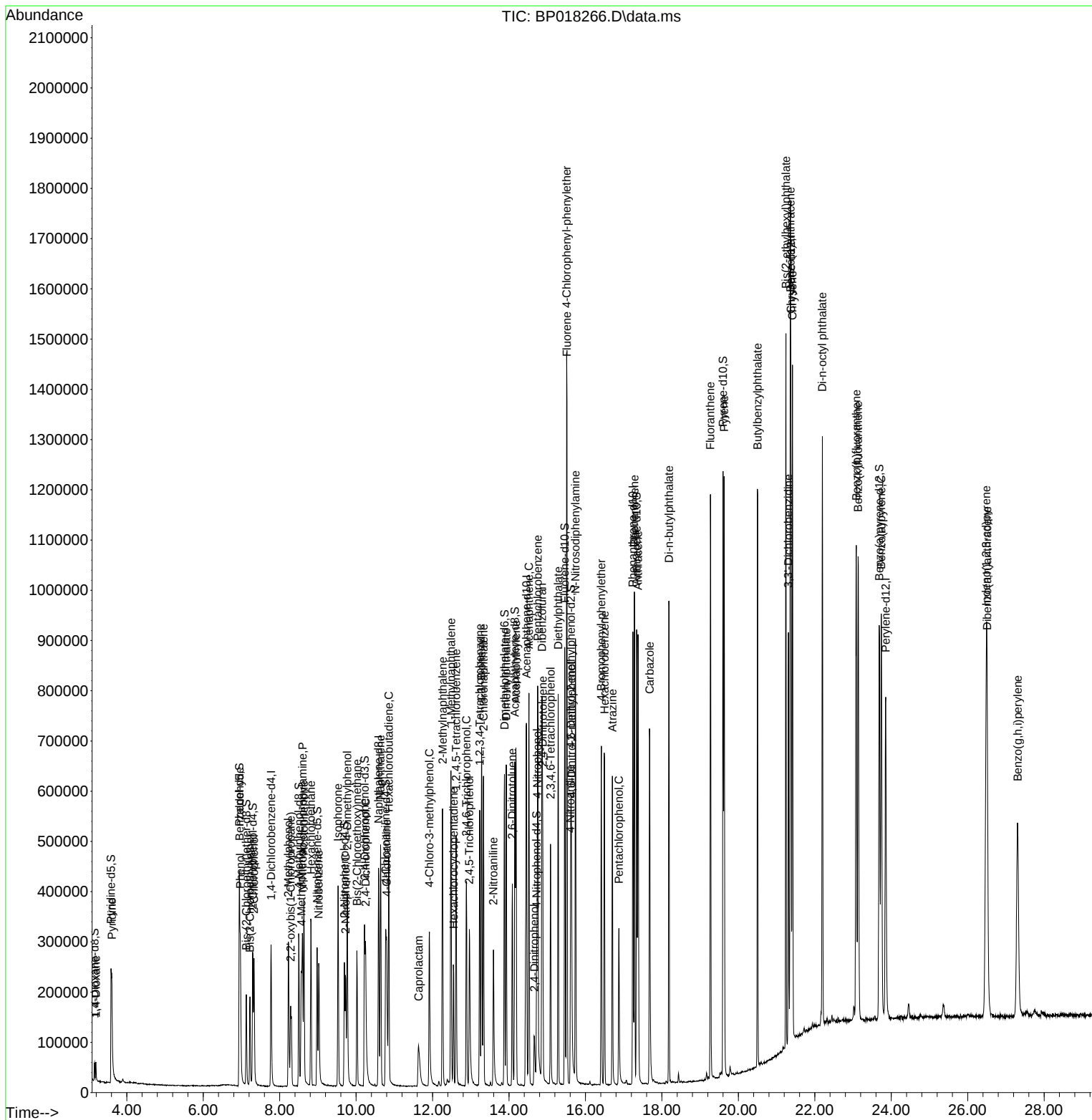
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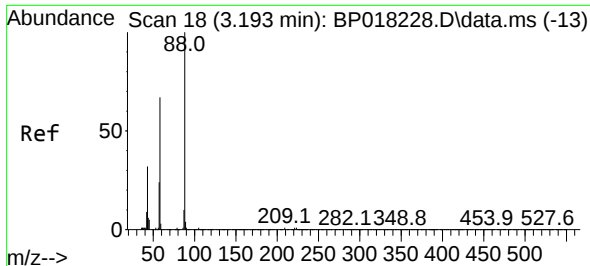
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	242658	18.410	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.616	216	130196	19.575	ng/ul	97
40) Hexachlorocyclopentadiene	12.551	237	53910	16.792	ng/ul	95
41) 2,4,6-Trichlorophenol	12.887	196	80847	18.530	ng/ul	96
42) 2,4,5-Trichlorophenol	12.963	196	84489	18.400	ng/ul	97
43) 1,1'-Biphenyl	13.281	154	321568	19.208	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	252108	18.968	ng/ul	99
45) 2-Nitroaniline	13.593	65	83906	19.562	ng/ul	94
47) Dimethylphthalate	13.928	163	338198	18.979	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	65185	18.404	ng/ul	91
50) Acenaphthylene	14.181	152	417026	18.669	ng/ul	99
52) Acenaphthene	14.522	153	282072	19.043	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	24216	12.533	ng/ul	90
55) 4-Nitrophenol	14.740	109	68735	19.076	ng/ul	84
56) Dibenzofuran	14.863	168	387479	19.089	ng/ul	96
57) 2,4-Dinitrotoluene	14.881	165	101559	19.192	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.087	232	75293	18.433	ng/ul	99
59) Diethylphthalate	15.287	149	369754	19.861	ng/ul	99
61) Fluorene	15.516	166	345551	20.051	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	174944	20.715	ng/ul	100
63) 4-Nitroaniline	15.610	138	64891	20.923	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.634	198	64874	19.496	ng/ul	94
67) N-Nitrosodiphenylamine	15.740	169	281306	19.774	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	95625	19.127	ng/ul	89
69) Hexachlorobenzene	16.498	284	105369	18.888	ng/ul	98
70) Atrazine	16.704	200	101555	20.465	ng/ul	96
71) Pentachlorophenol	16.875	266	47014	13.883	ng/ul	97
72) Phenanthrene	17.281	178	524421	19.254	ng/ul	99
74) Anthracene	17.375	178	529309	19.044	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	130927	19.328	ng/uL	99
76) Pentachlorobenzene	14.751	250	128820	19.426	ng/uL	97
77) Carbazole	17.681	167	470775	19.505	ng/ul	100
78) Di-n-butylphthalate	18.186	149	618602	20.199	ng/ul	98
80) Fluoranthene	19.269	202	641615	18.276	ng/ul	99
82) Pyrene	19.628	202	670217	18.219	ng/ul	99
83) Butylbenzylphthalate	20.504	149	294869	19.060	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.310	252	213542	19.861	ng/ul	98
85) Benzo(a)anthracene	21.363	228	687594	18.921	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	423370	19.848	ng/ul	99
87) Chrysene	21.416	228	637776	18.760	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	736228	20.403	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	657237	19.140	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	656850	19.013	ng/ul	100
93) Benzo(a)pyrene	23.739	252	620837	19.145	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.486	276	729009	18.744	ng/ul	98
95) Dibenzo(a,h)anthracene	26.510	278	596351	18.622	ng/ul	99
96) Benzo(g,h,i)perylene	27.310	276	575867	18.512	ng/ul	97

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

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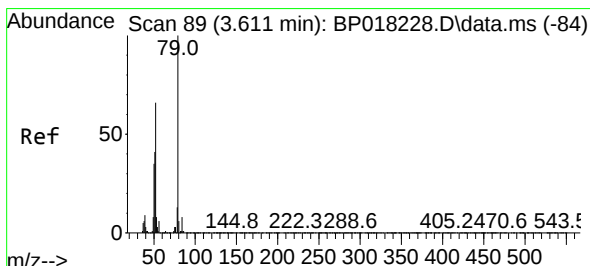
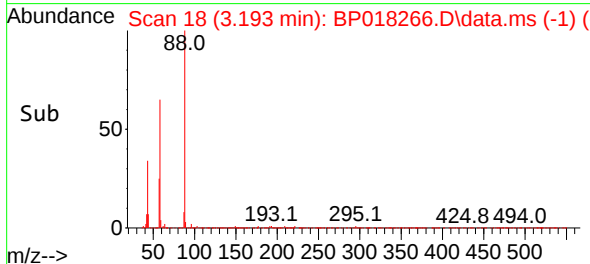
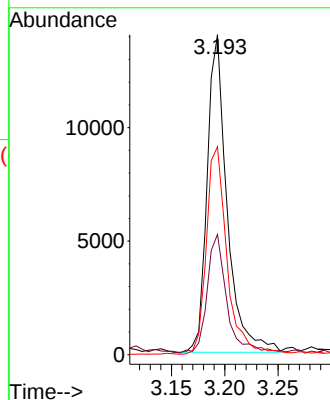
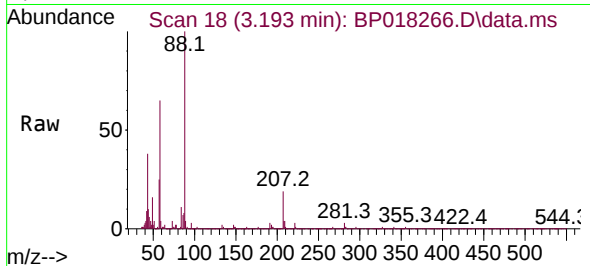




#2
 1,4-Dioxane
 Concen: 8.366 ng/uL
 RT: 3.193 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

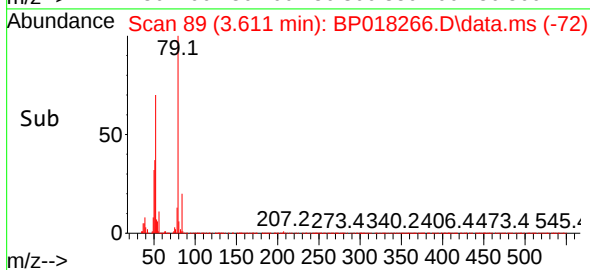
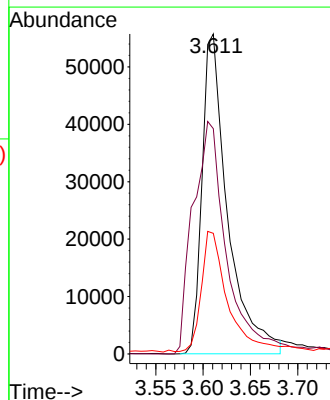
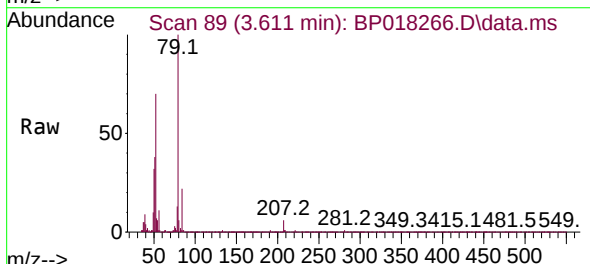
Instrument :
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 ClientSampleId :

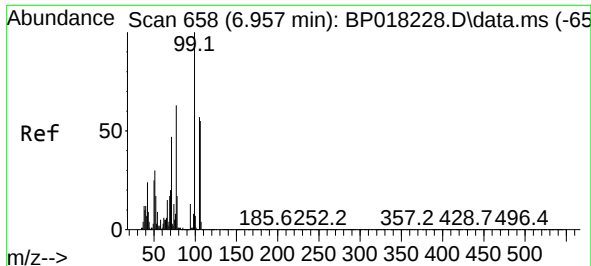
Tgt Ion: 88 Resp: 18268
 Ion Ratio Lower Upper
 88 100
 43 37.6 25.4 38.2
 58 65.0 53.3 79.9



#5
 Pyridine
 Concen: 19.451 ng/uL
 RT: 3.611 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

Tgt Ion: 79 Resp: 104740
 Ion Ratio Lower Upper
 79 100
 52 70.4 53.9 80.9
 51 37.7 32.2 48.2

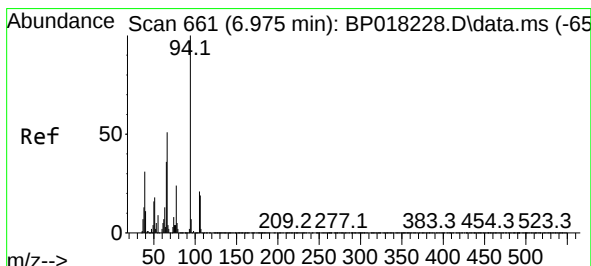
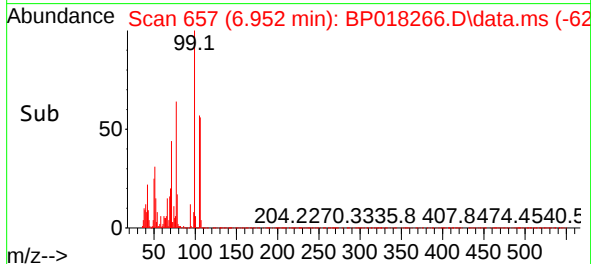
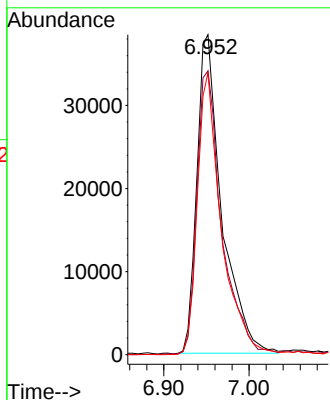
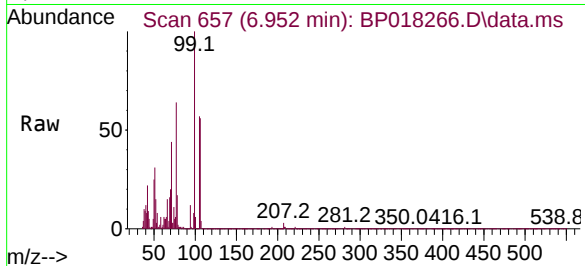




#6
Benzaldehyde
Concen: 21.207 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

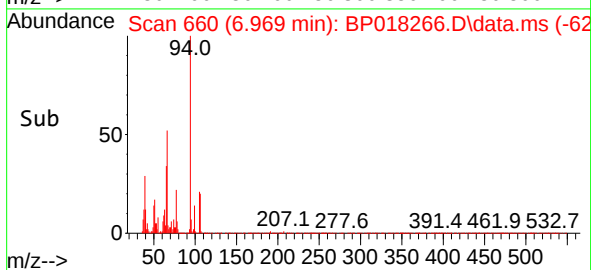
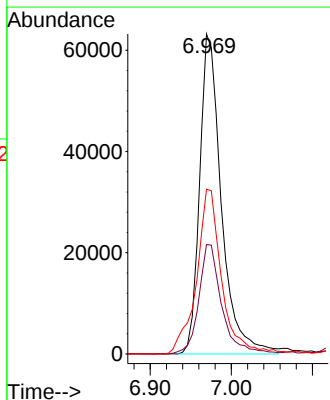
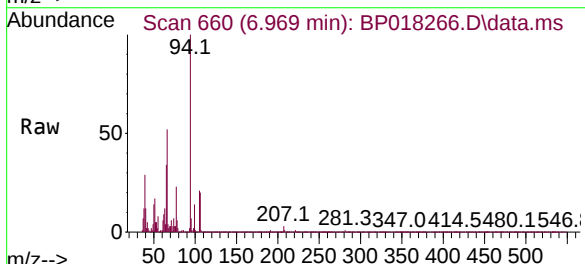
Instrument :
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ClientSampleId :

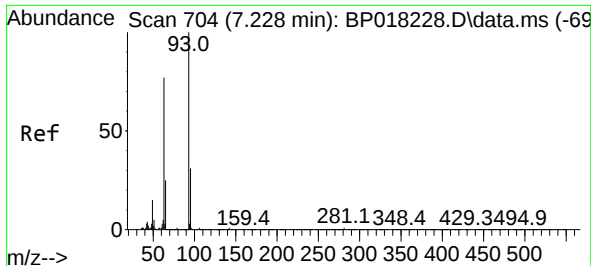
Tgt Ion: 77 Resp: 77836
Ion Ratio Lower Upper
77 100
105 88.7 72.7 109.1
106 88.1 67.5 101.3



#8
Phenol
Concen: 17.511 ng/ul
RT: 6.969 min Scan# 660
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion: 94 Resp: 117725
Ion Ratio Lower Upper
94 100
65 34.2 28.2 42.2
66 51.5 40.3 60.5

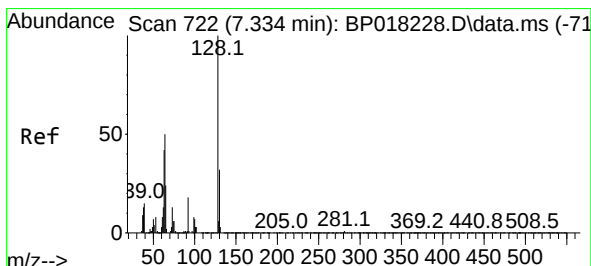
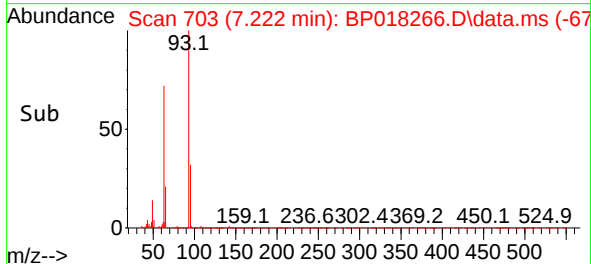
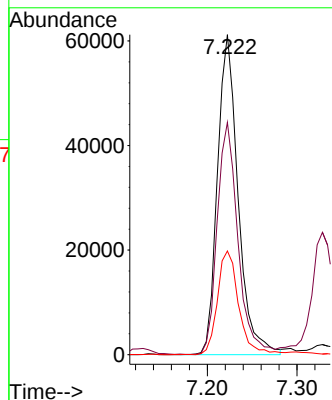
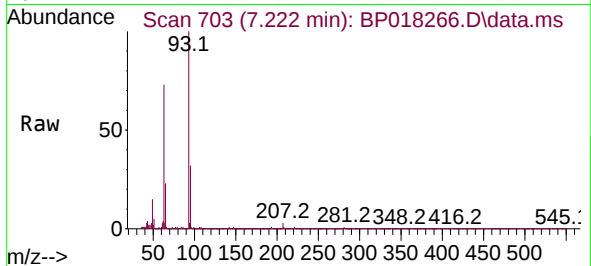




#10
Bis(2-Chloroethyl)ether
Concen: 18.751 ng/ul
RT: 7.222 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

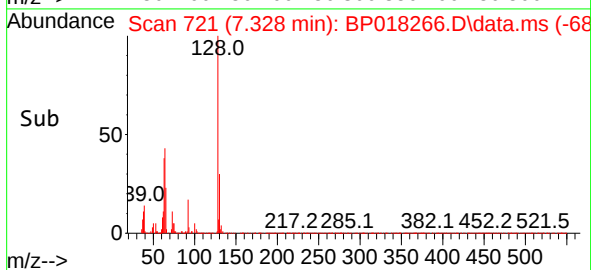
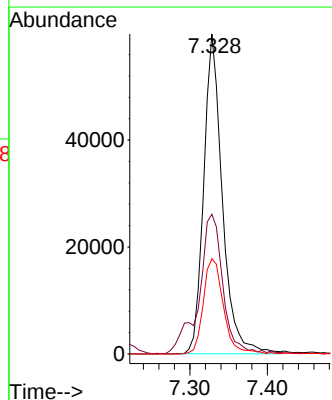
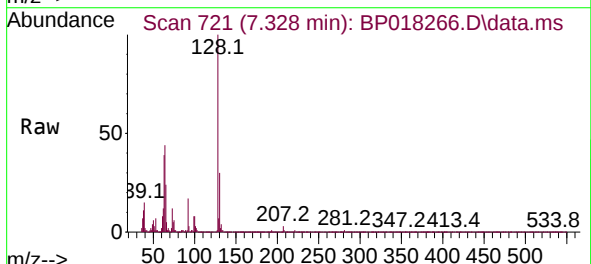
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ClientSampleId :

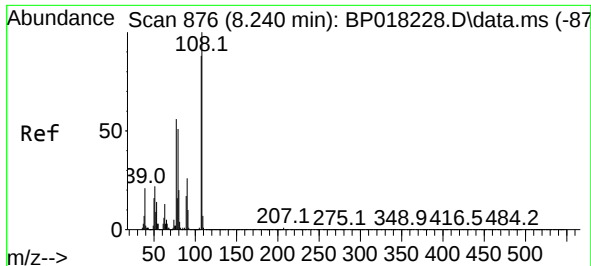
Tgt Ion: 93 Resp: 97799
Ion Ratio Lower Upper
93 100
63 72.6 57.8 86.6
95 32.4 25.5 38.3



#12
2-Chlorophenol
Concen: 18.480 ng/ul
RT: 7.328 min Scan# 721
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:128 Resp: 100135
Ion Ratio Lower Upper
128 100
64 43.7 39.2 58.8
130 29.8 26.6 40.0

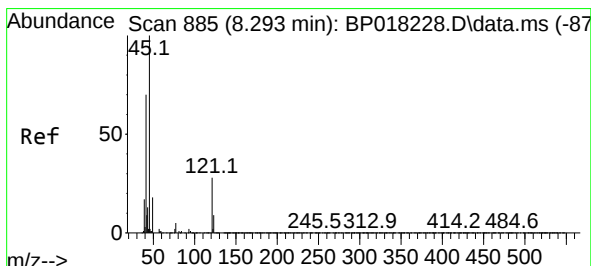
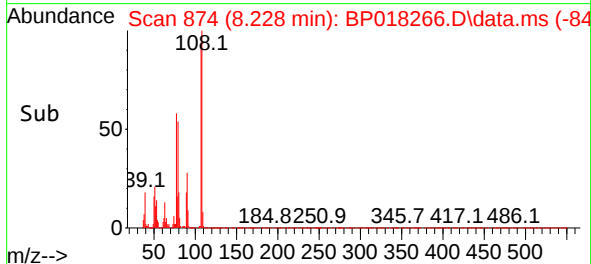
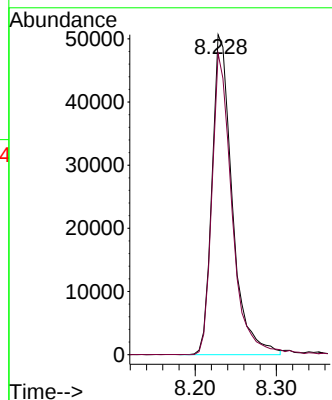
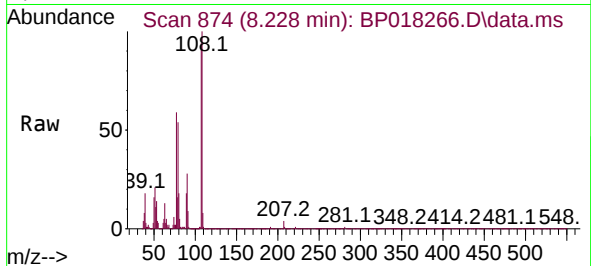




#13
2-Methylphenol
Concen: 17.265 ng/ul
RT: 8.228 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

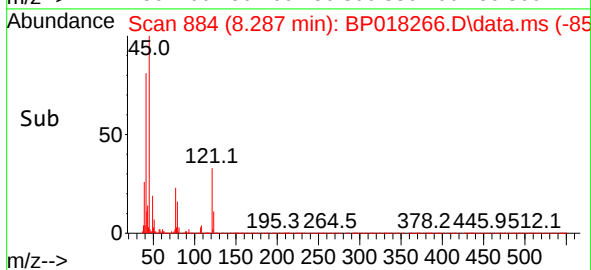
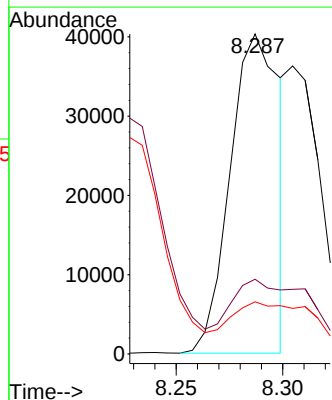
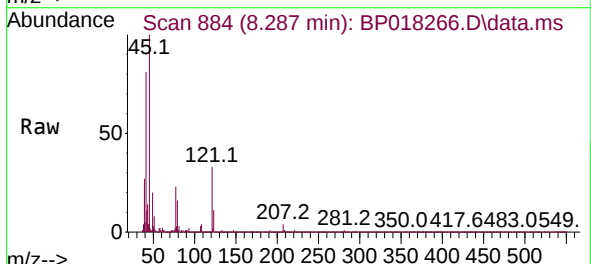
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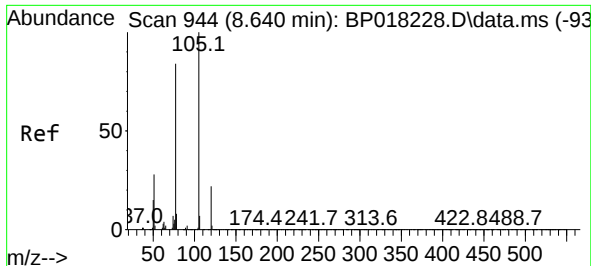
Tgt Ion:108 Resp: 87698
Ion Ratio Lower Upper
108 100
107 94.1 75.2 112.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.865 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion: 45 Resp: 64705
Ion Ratio Lower Upper
45 100
77 23.3 16.1 24.1
79 16.3 11.1 16.7

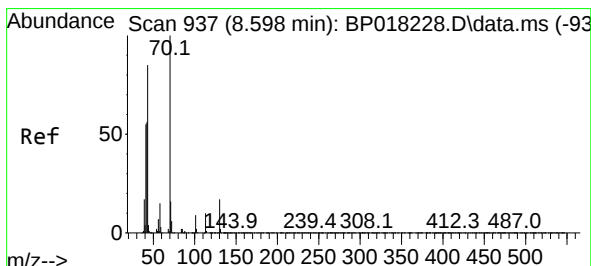
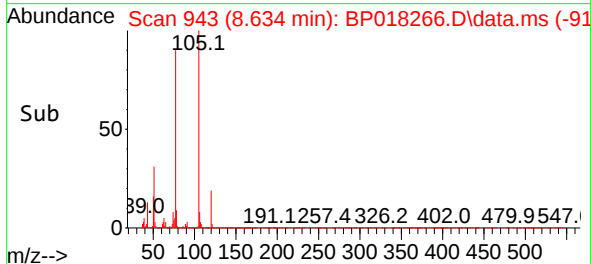
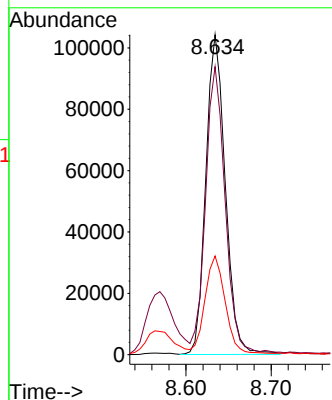
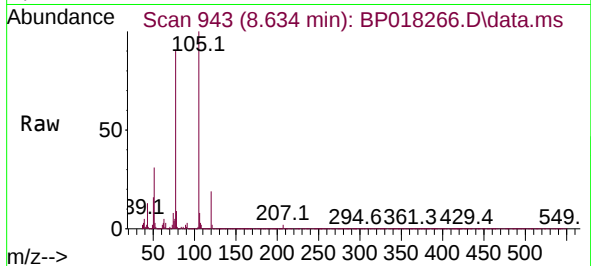




#16
Acetophenone
Concen: 18.665 ng/ul
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

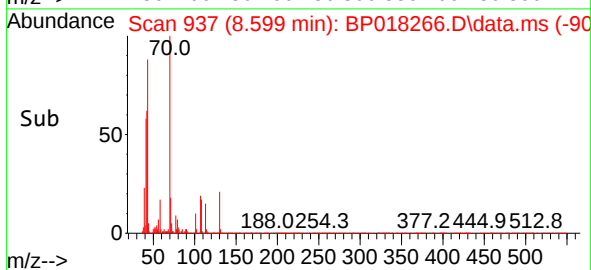
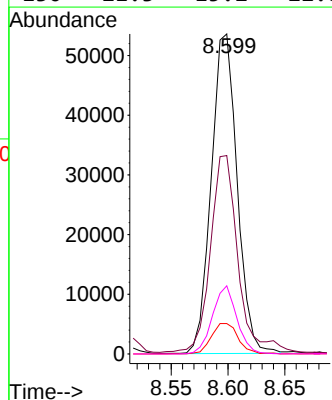
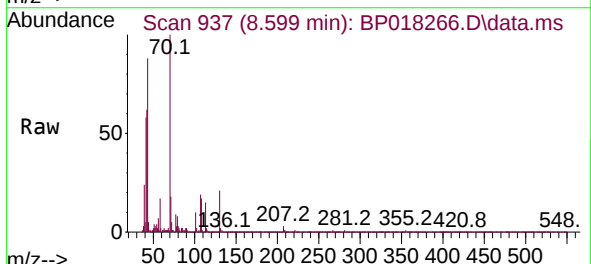
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BNA_M
ClientSampleId :

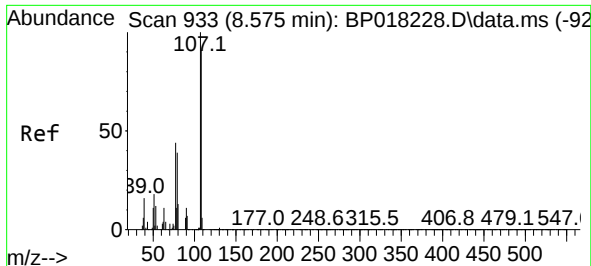
Tgt Ion:105 Resp: 165684
Ion Ratio Lower Upper
105 100
77 90.0 70.1 105.1
51 30.9 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 17.568 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

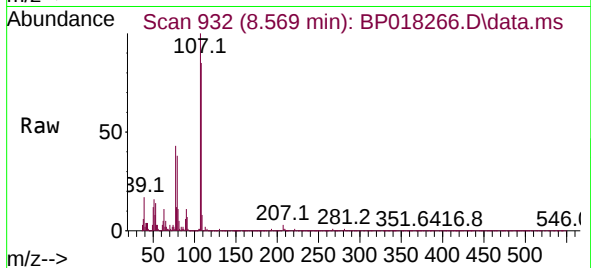
Tgt Ion: 70 Resp: 85140
Ion Ratio Lower Upper
70 100
42 62.0 43.7 65.5
101 9.5 8.2 12.4
130 21.3 15.2 22.8



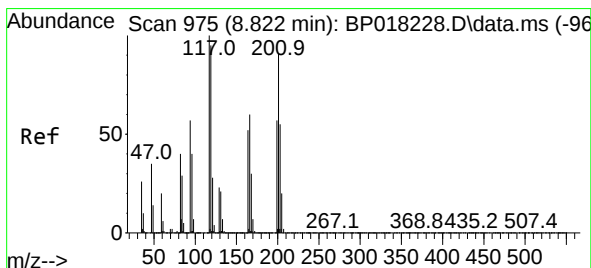
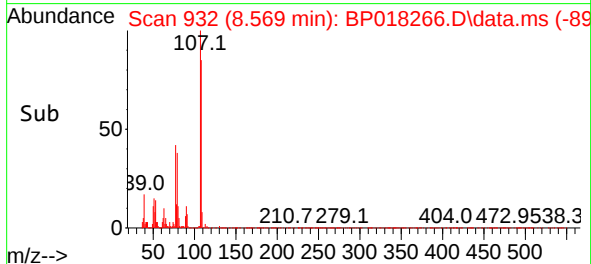
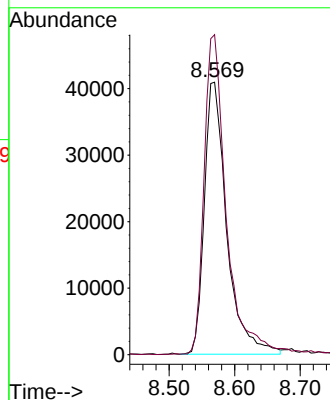


#18
4-Methylphenol
Concen: 17.545 ng/ul
RT: 8.569 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Instrument :
BNA_M
ClientSampleId :

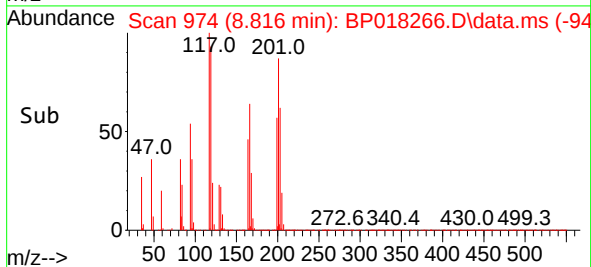
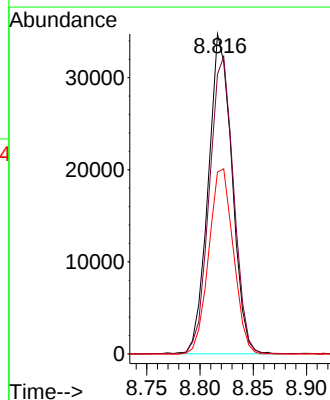
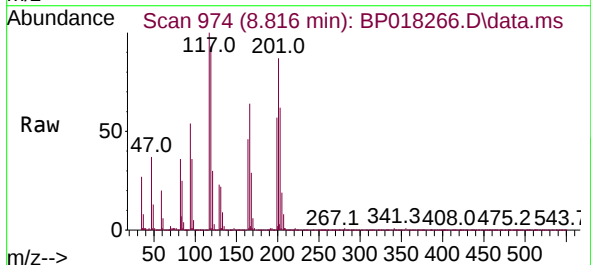


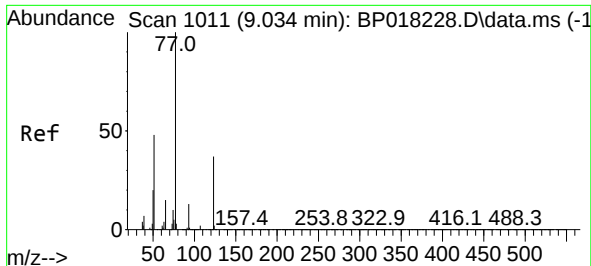
Tgt Ion:108 Resp: 97197
Ion Ratio Lower Upper
108 100
107 117.5 88.2 132.4



#19
Hexachloroethane
Concen: 20.775 ng/ul
RT: 8.816 min Scan# 974
Delta R.T. -0.018 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:117 Resp: 53860
Ion Ratio Lower Upper
117 100
201 87.4 84.8 127.2
199 56.9 49.0 73.4

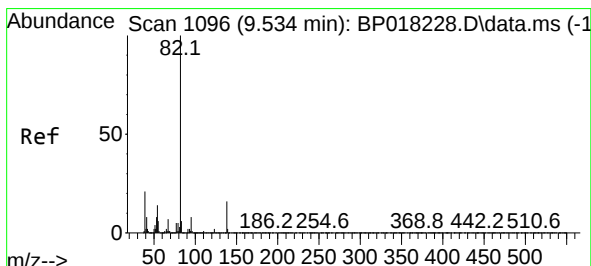
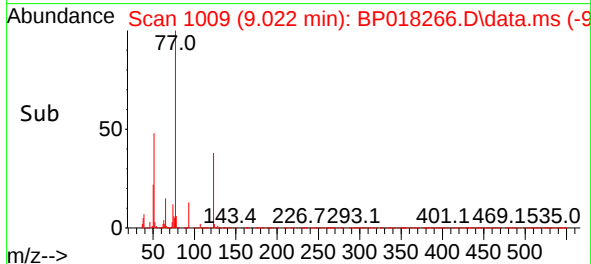
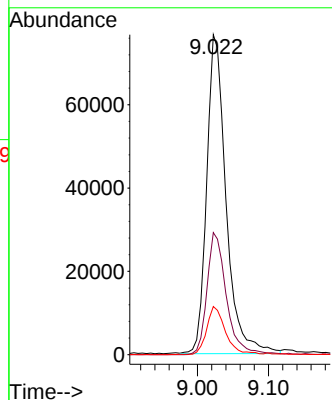
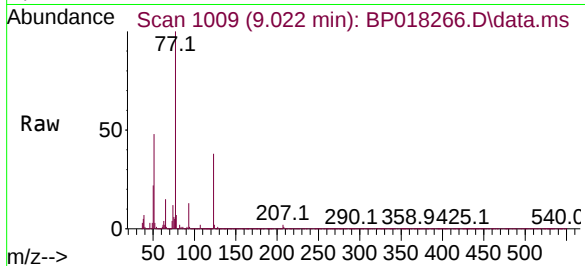




#22
Nitrobenzene
Concen: 19.479 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

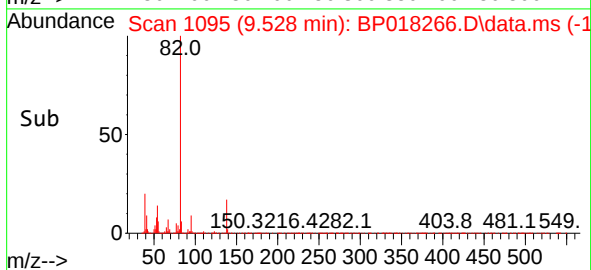
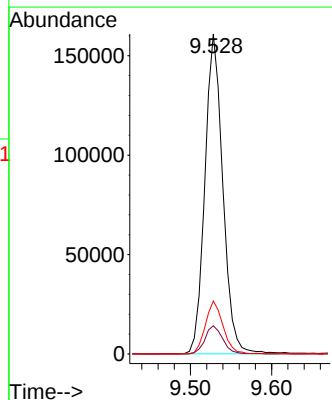
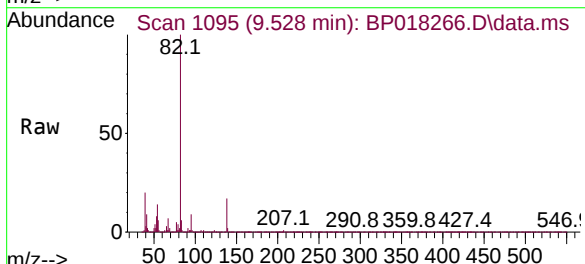
Instrument :
BNA_M
ClientSampleId :

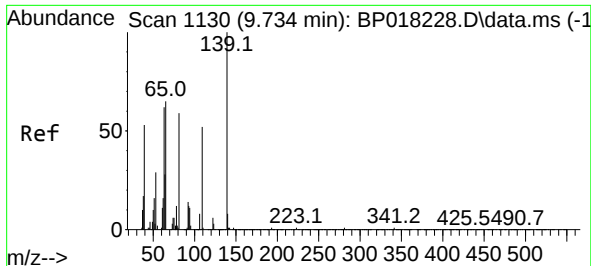
Tgt Ion: 77 Resp: 145581
Ion Ratio Lower Upper
77 100
123 38.1 27.8 41.8
65 15.1 11.5 17.3



#23
Isophorone
Concen: 18.076 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion: 82 Resp: 246515
Ion Ratio Lower Upper
82 100
95 8.8 6.6 9.8
138 16.5 13.1 19.7

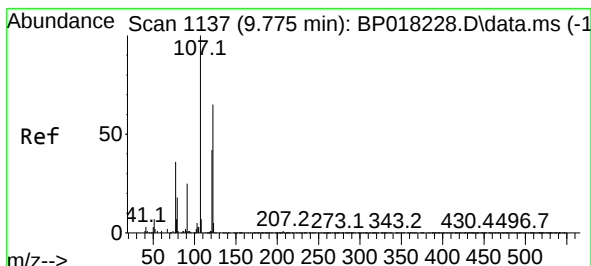
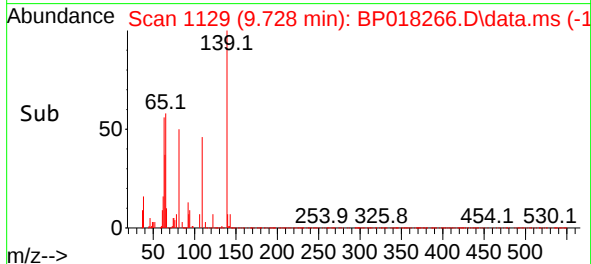
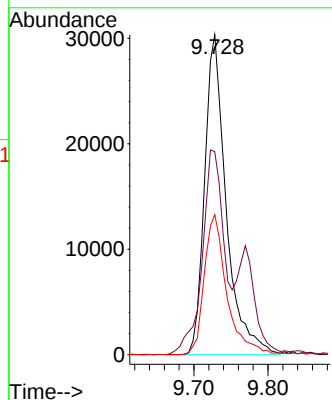
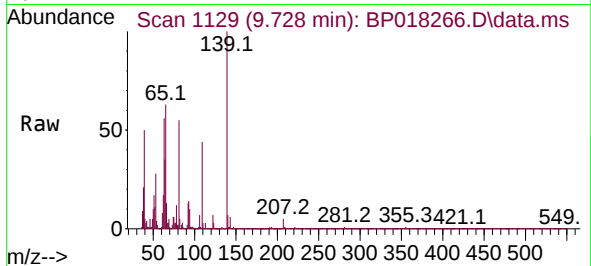




#25
2-Nitrophenol
Concen: 19.032 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

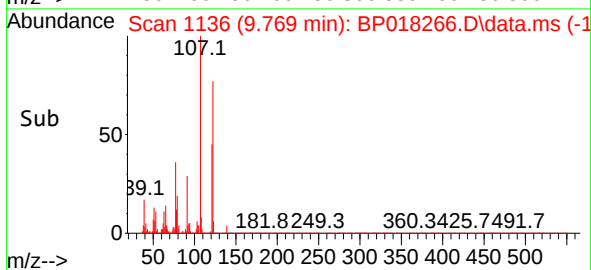
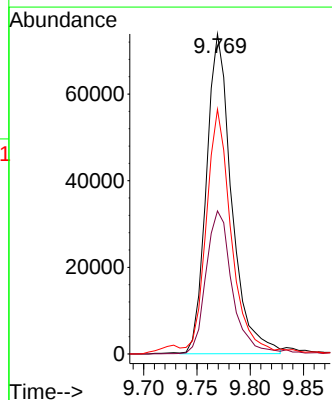
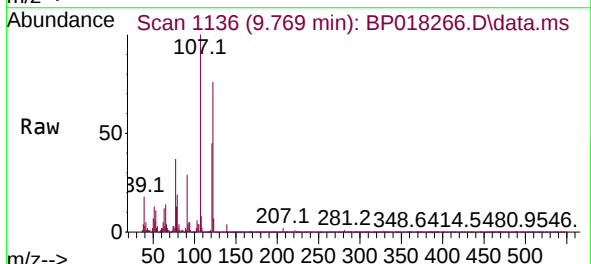
Instrument :
BNA_M
ClientSampleId :

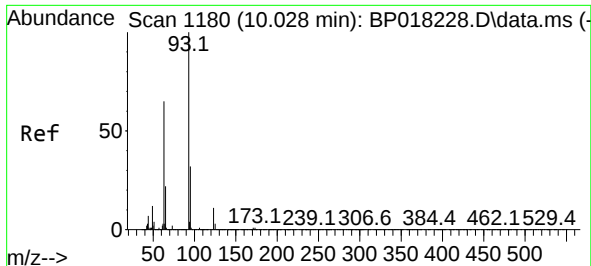
Tgt Ion:139 Resp: 61325
Ion Ratio Lower Upper
139 100
65 63.5 51.4 77.0
109 43.8 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 17.805 ng/ul
RT: 9.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:107 Resp: 122040
Ion Ratio Lower Upper
107 100
121 44.7 37.8 56.8
122 76.5 62.1 93.1

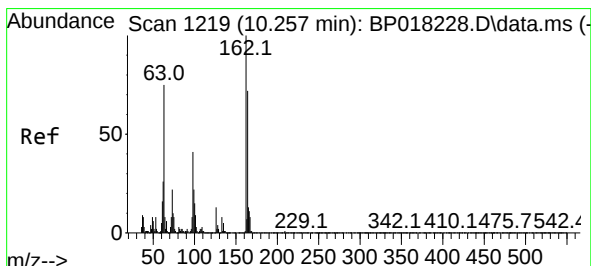
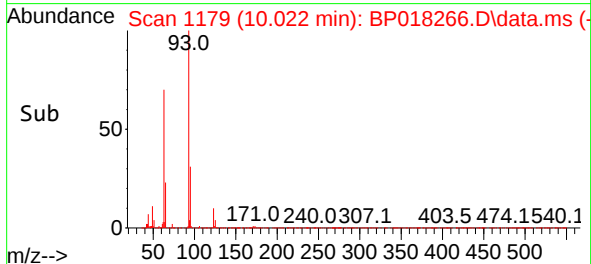
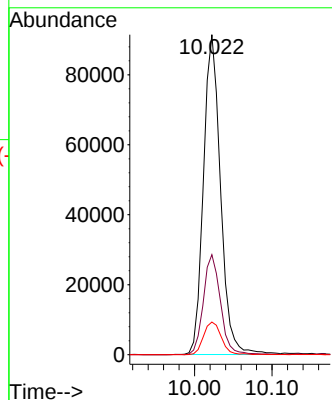
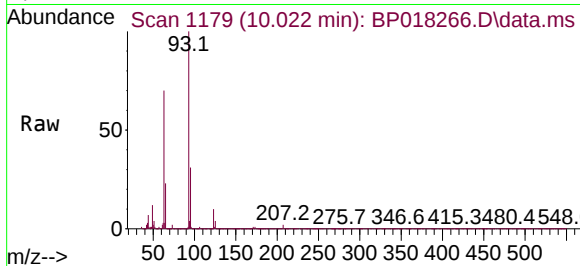




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.813 ng/ul
 RT: 10.022 min Scan# 1180
 Delta R.T. -0.012 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

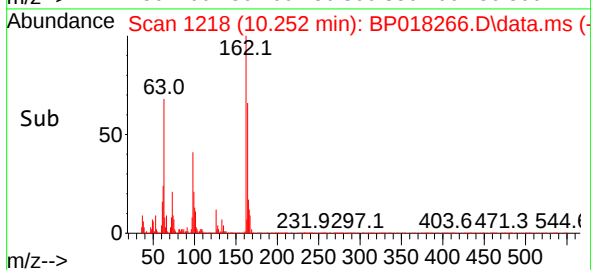
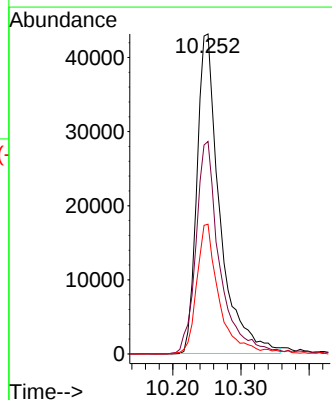
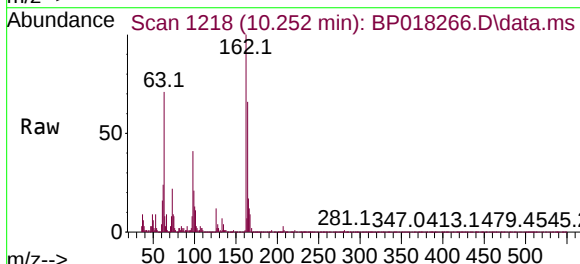
Instrument :
 BNA_M
 ClientSampleId :

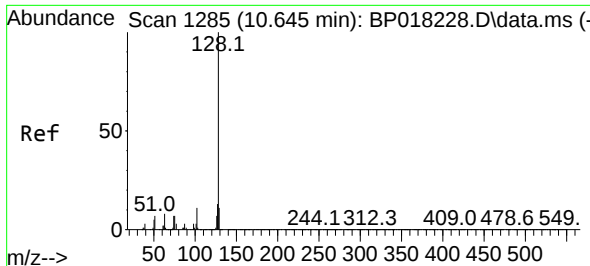
Tgt Ion: 93 Resp: 139906
 Ion Ratio Lower Upper
 93 100
 95 31.2 26.2 39.2
 123 10.2 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 18.891 ng/ul
 RT: 10.252 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

Tgt Ion:162 Resp: 100816
 Ion Ratio Lower Upper
 162 100
 164 66.4 51.8 77.6
 98 40.6 28.7 43.1

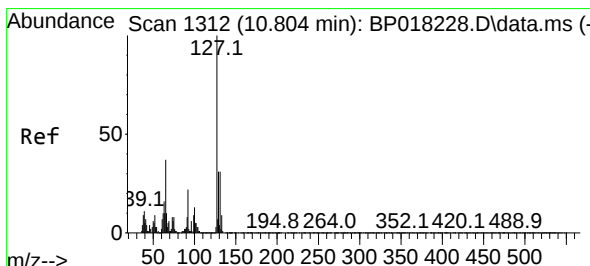
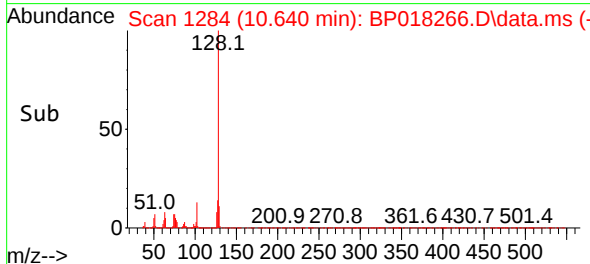
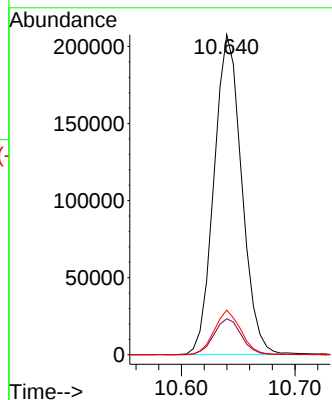
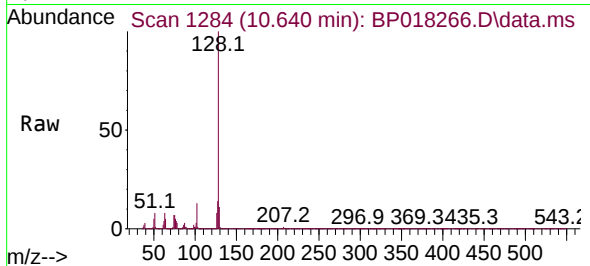




#30
Naphthalene
Concen: 18.758 ng/ul
RT: 10.640 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

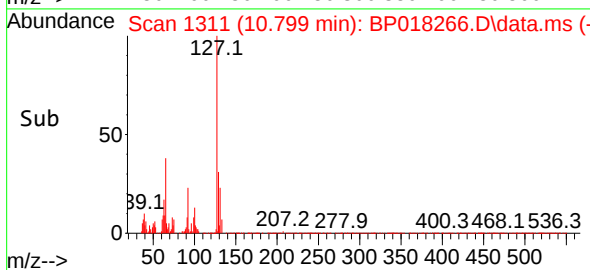
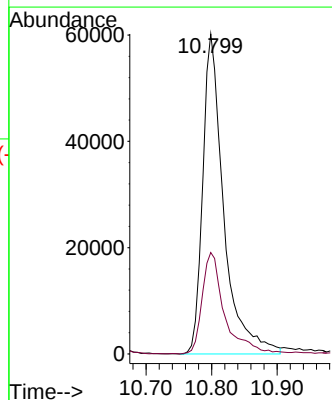
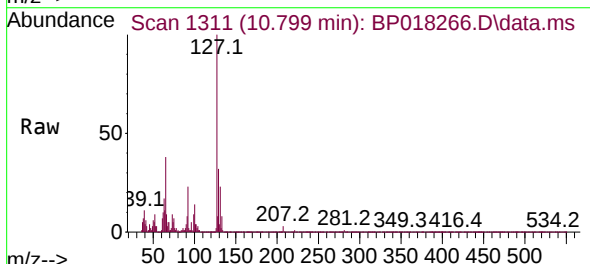
Instrument :
BNA_M
ClientSampleId :

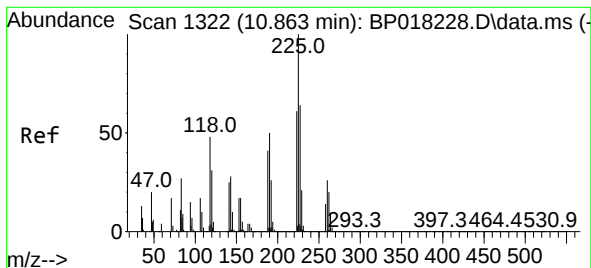
Tgt Ion:128 Resp: 350463
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.9 10.3 15.5



#32
4-Chloroaniline
Concen: 18.253 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:127 Resp: 134001
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 19.909 ng/ul

RT: 10.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

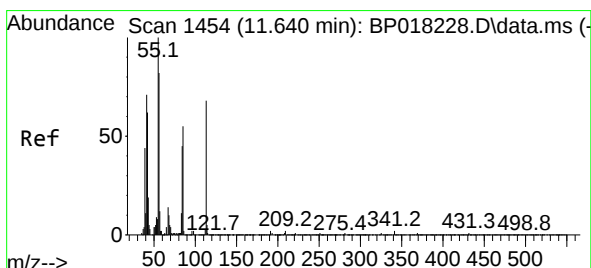
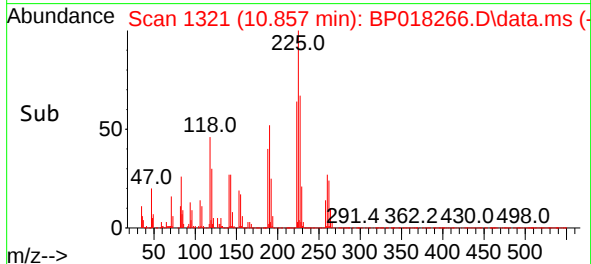
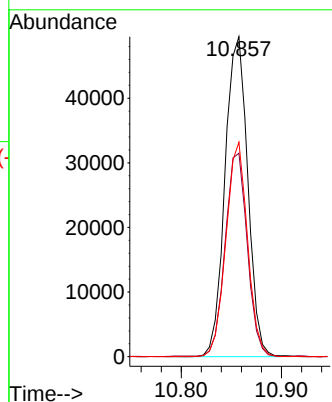
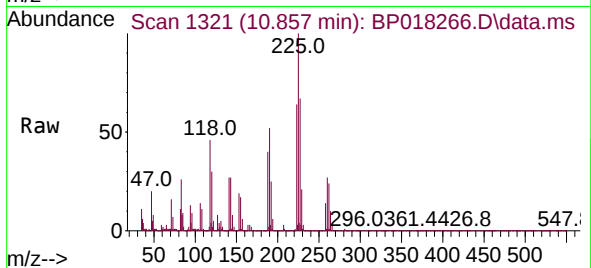
Tgt Ion:225 Resp: 78001

Ion Ratio Lower Upper

225 100

223 63.6 52.5 78.7

227 67.0 51.9 77.9



#34

Caprolactam

Concen: 15.525 ng/ul

RT: 11.634 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

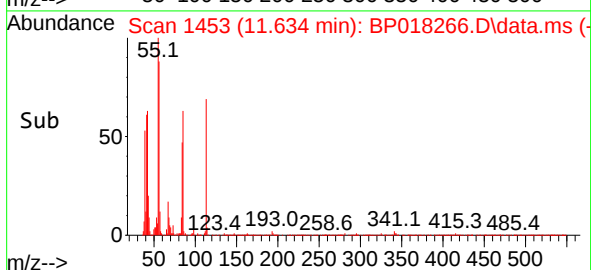
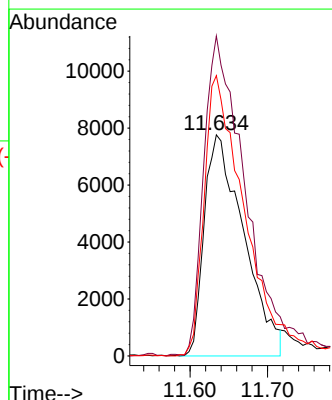
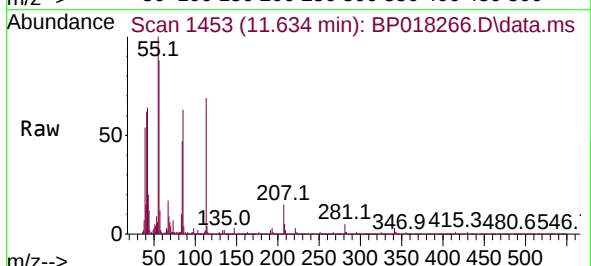
Tgt Ion:113 Resp: 27524

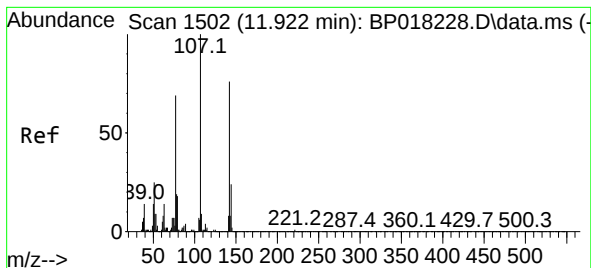
Ion Ratio Lower Upper

113 100

55 144.7 118.3 177.5

56 126.8 95.6 143.4

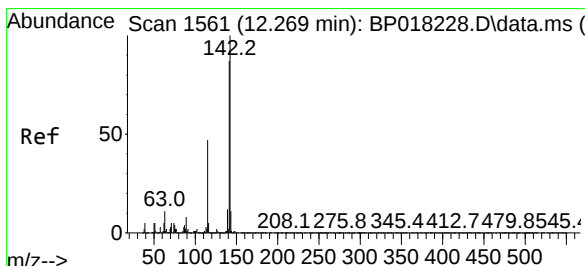
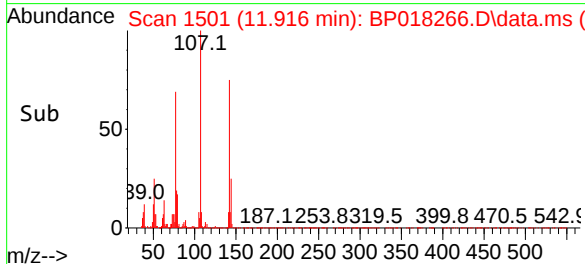
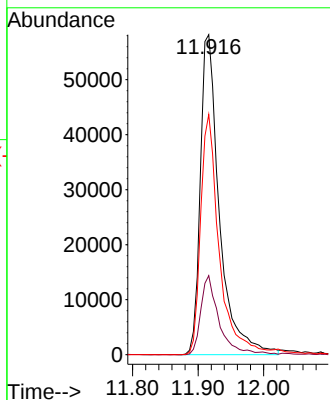
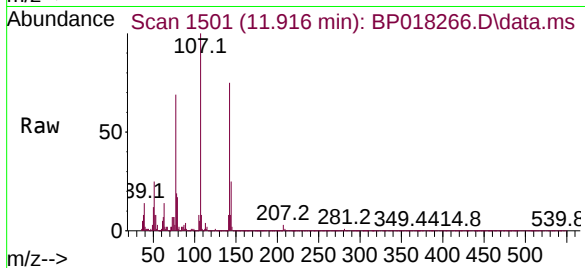




#35
4-Chloro-3-methylphenol
Concen: 18.393 ng/ul
RT: 11.916 min Scan# 118097
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

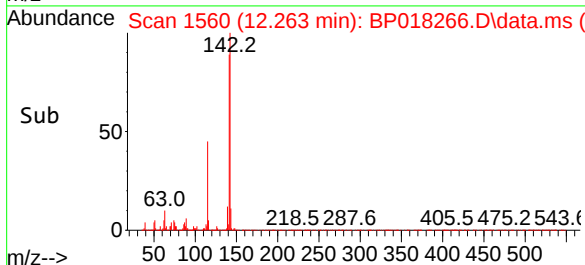
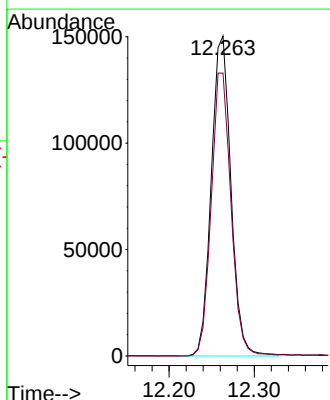
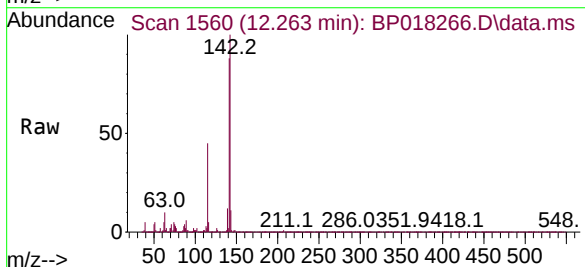
Instrument :
BNA_M
ClientSampleId :

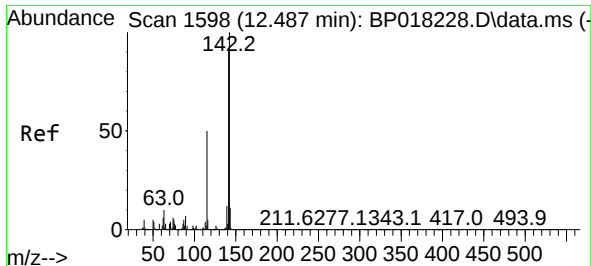
Tgt Ion:107 Resp: 118097
Ion Ratio Lower Upper
107 100
144 24.7 19.1 28.7
142 75.1 54.8 82.2



#36
2-Methylnaphthalene
Concen: 18.740 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:142 Resp: 240372
Ion Ratio Lower Upper
142 100
141 88.4 71.7 107.5

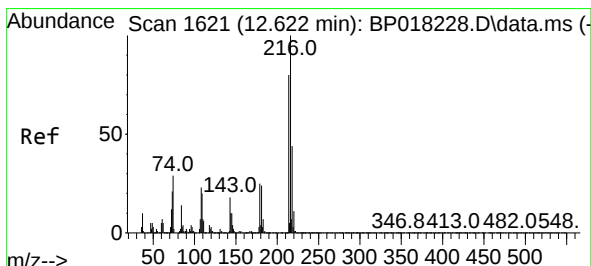
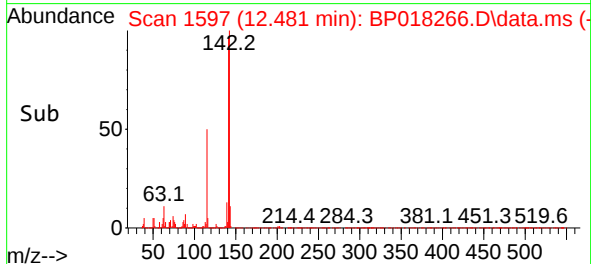
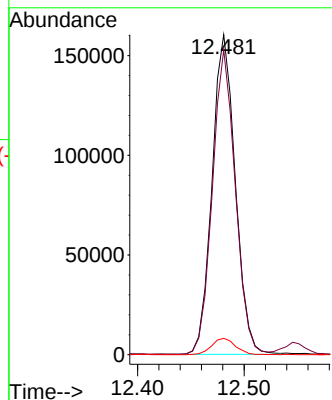
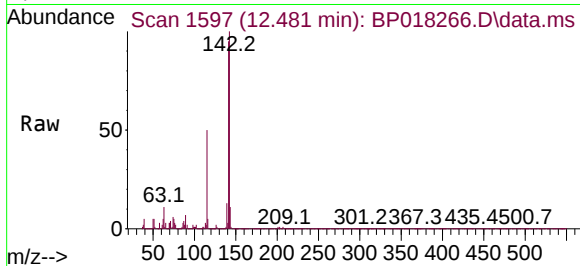




#37
1-Methylnaphthalene
Concen: 18.410 ng/ul
RT: 12.481 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

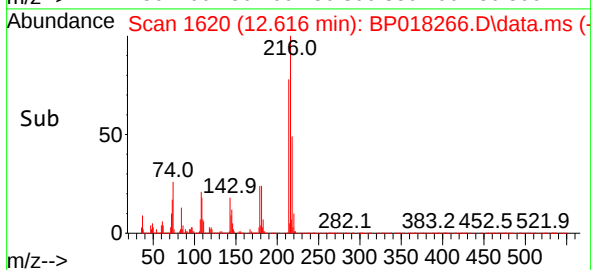
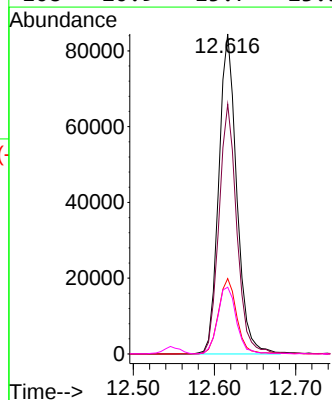
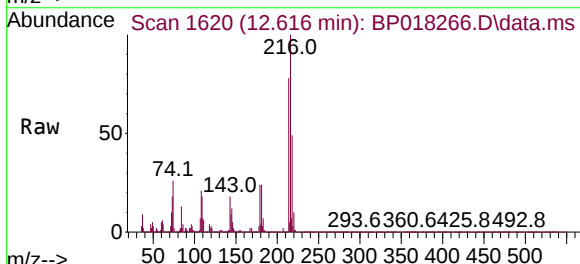
Instrument :
BNA_M
ClientSampleId :

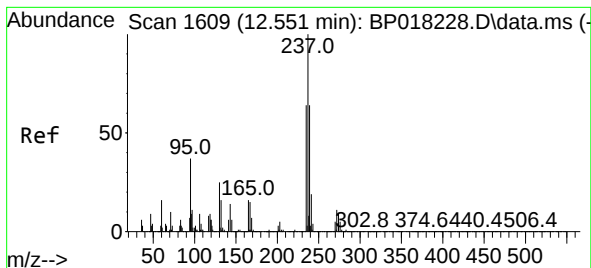
Tgt Ion:142 Resp: 242658
Ion Ratio Lower Upper
142 100
141 95.3 72.8 109.2
116 5.1 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.575 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:216 Resp: 130196
Ion Ratio Lower Upper
216 100
214 78.1 64.8 97.2
179 23.5 18.3 27.5
108 20.9 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 16.792 ng/ul

RT: 12.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

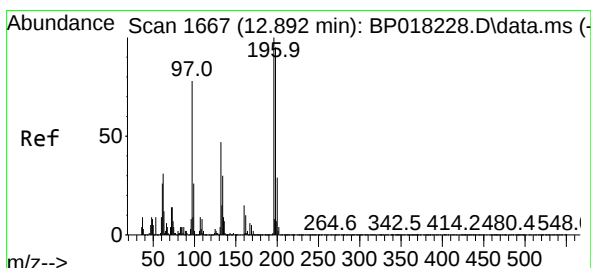
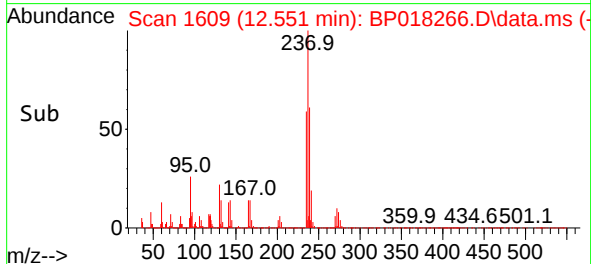
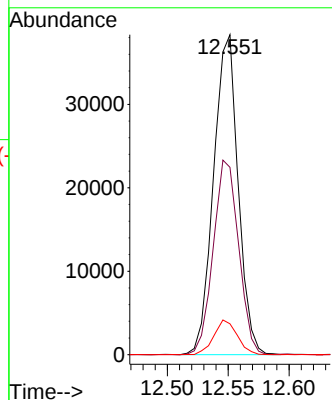
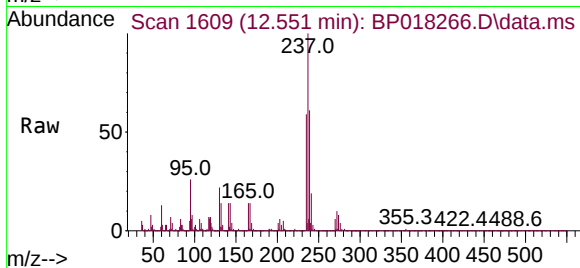
Tgt Ion:237 Resp: 53910

Ion Ratio Lower Upper

237 100

235 58.5 49.9 74.9

272 9.7 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 18.530 ng/ul

RT: 12.887 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

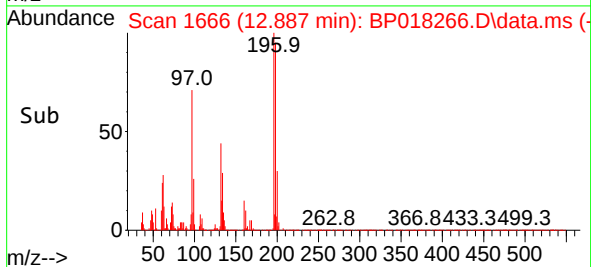
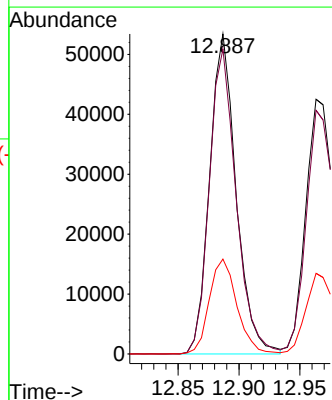
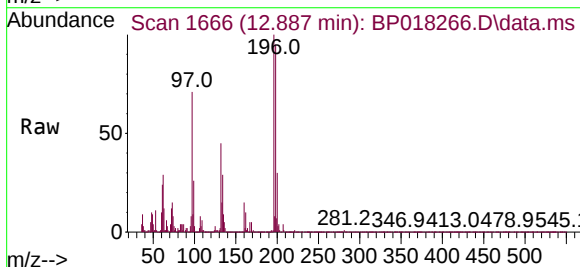
Tgt Ion:196 Resp: 80847

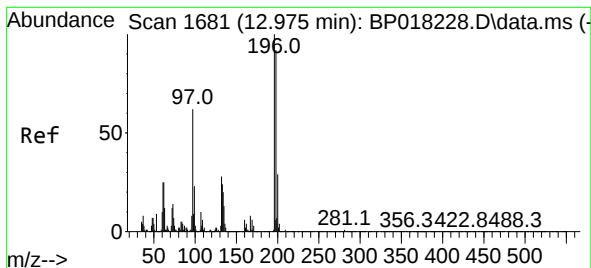
Ion Ratio Lower Upper

196 100

198 95.3 78.9 118.3

200 29.6 25.8 38.8

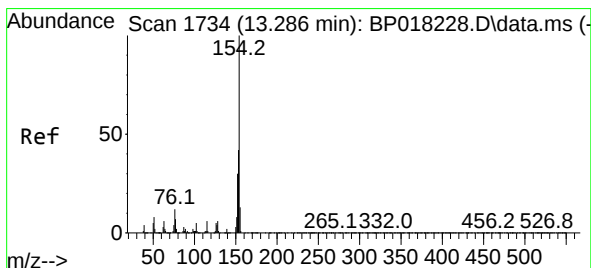
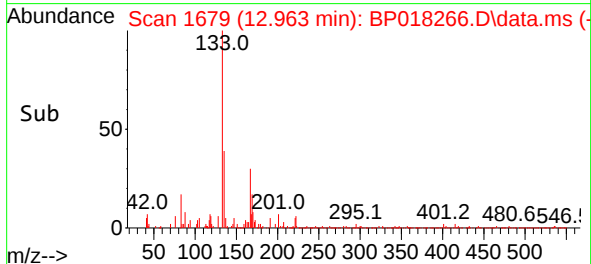
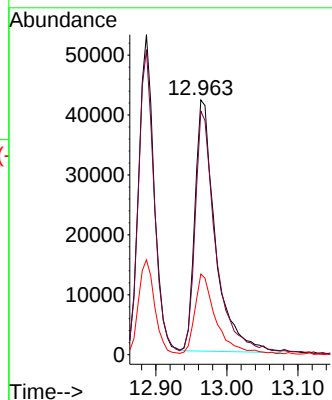
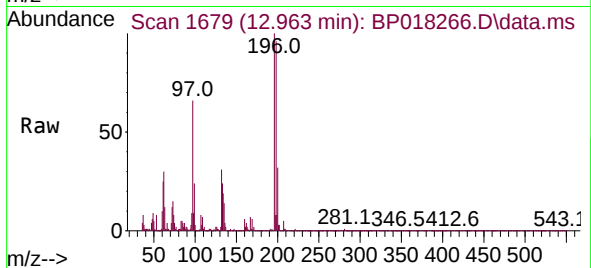




#42
2,4,5-Trichlorophenol
Concen: 18.400 ng/ul
RT: 12.963 min Scan# 1679
Delta R.T. -0.018 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

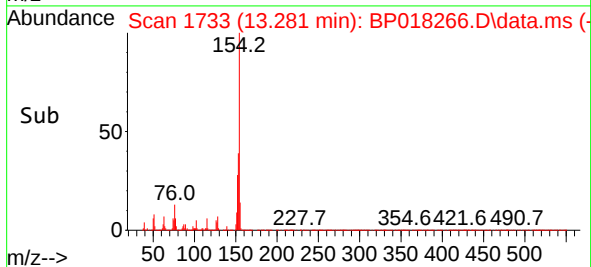
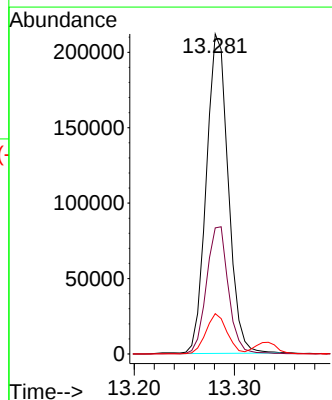
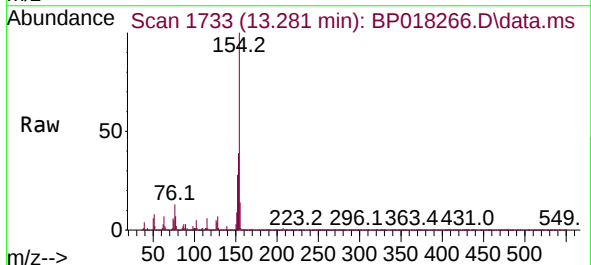
Instrument :
BNA_M
ClientSampleId :

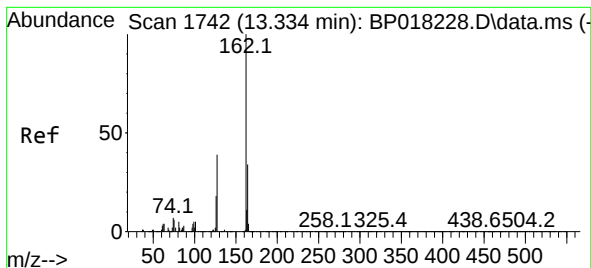
Tgt Ion:196 Resp: 84489
Ion Ratio Lower Upper
196 100
198 95.7 78.9 118.3
200 31.7 26.6 40.0



#43
1,1'-Biphenyl
Concen: 19.208 ng/ul
RT: 13.281 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:154 Resp: 321568
Ion Ratio Lower Upper
154 100
153 39.4 32.4 48.6
76 12.6 9.8 14.8





#44

2-Chloronaphthalene

Concen: 18.968 ng/ul

RT: 13.334 min Scan# 1742

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

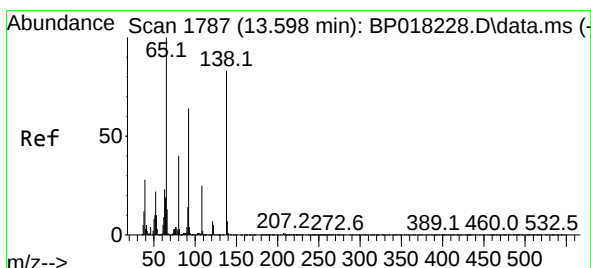
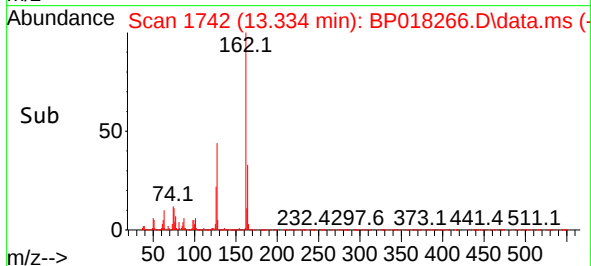
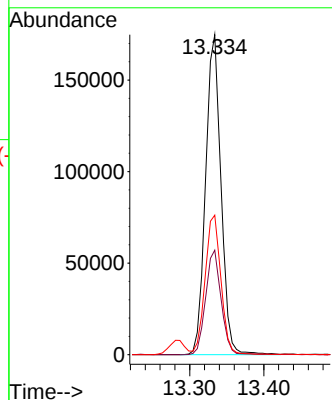
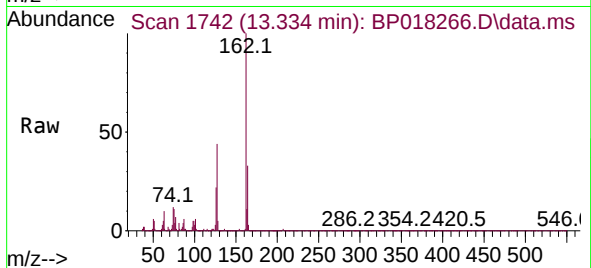
Tgt Ion:162 Resp: 252108

Ion Ratio Lower Upper

162 100

164 32.7 26.9 40.3

127 43.6 35.4 53.2



#45

2-Nitroaniline

Concen: 19.562 ng/ul

RT: 13.593 min Scan# 1786

Delta R.T. -0.012 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

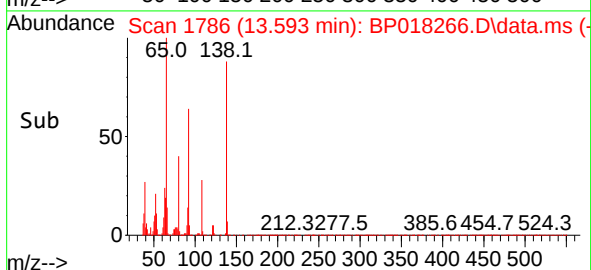
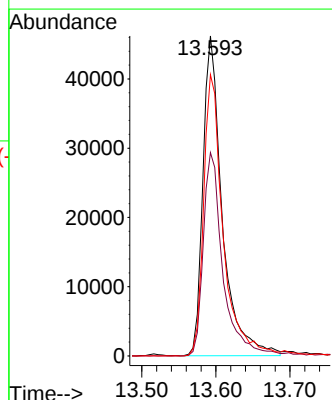
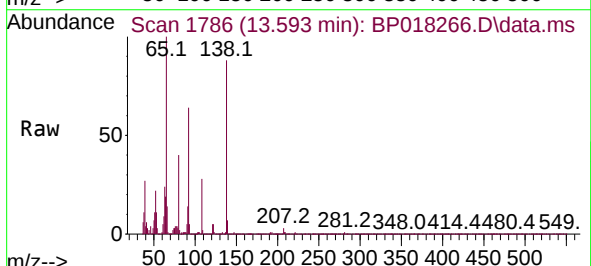
Tgt Ion: 65 Resp: 83906

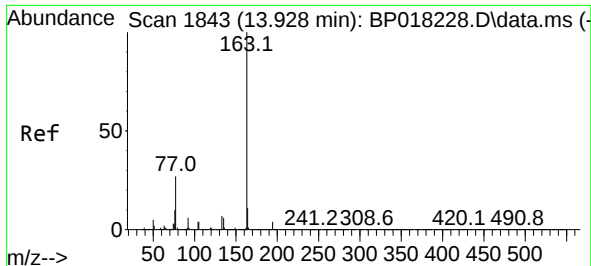
Ion Ratio Lower Upper

65 100

92 63.6 53.8 80.6

138 87.9 75.1 112.7

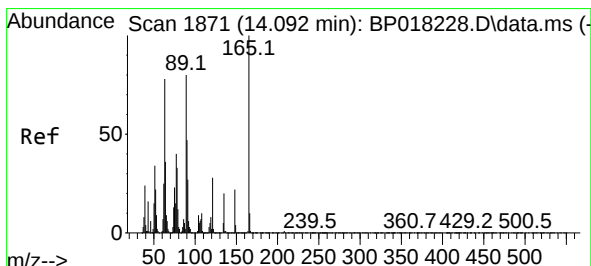
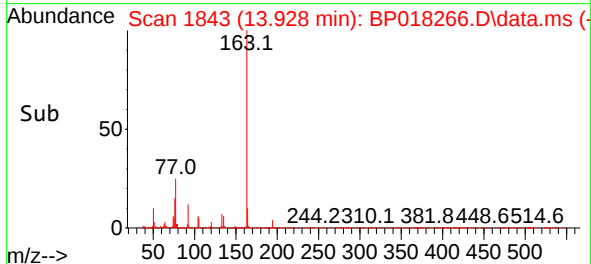
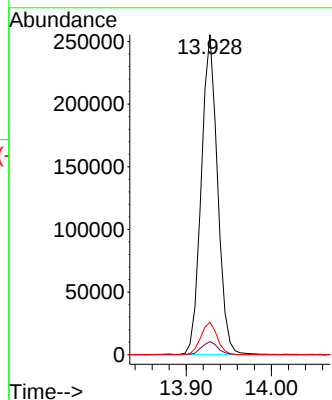
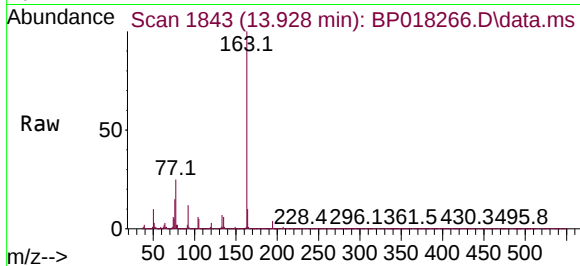




#47
Dimethylphthalate
Concen: 18.979 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

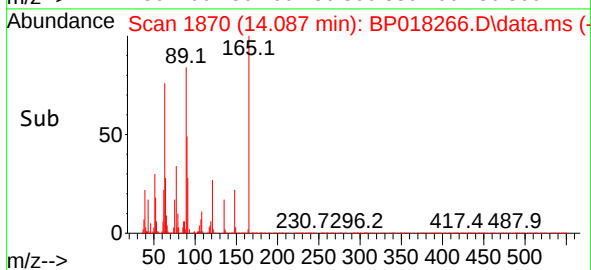
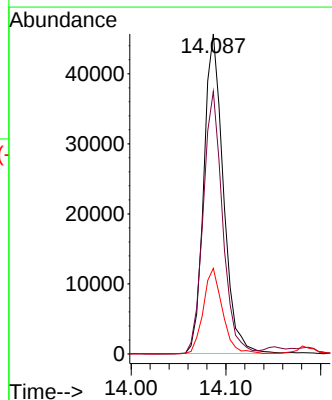
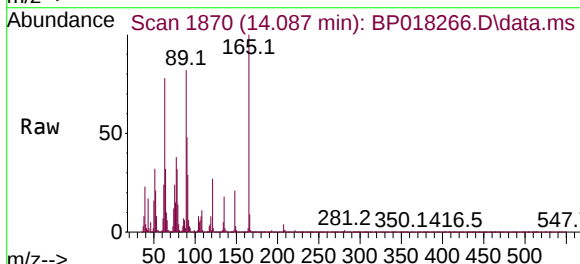
Instrument :
BNA_M
ClientSampleId :

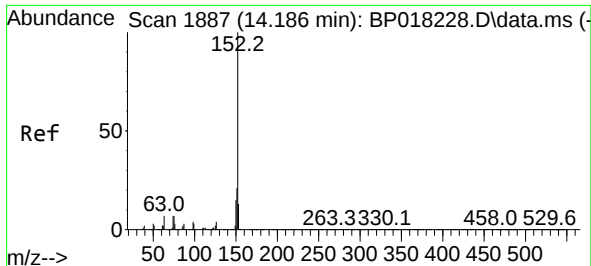
Tgt Ion:163 Resp: 338198
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 18.404 ng/ul
RT: 14.087 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:165 Resp: 65185
Ion Ratio Lower Upper
165 100
89 82.1 59.4 89.0
121 26.8 18.2 27.4

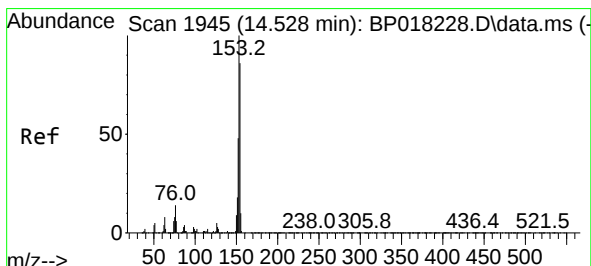
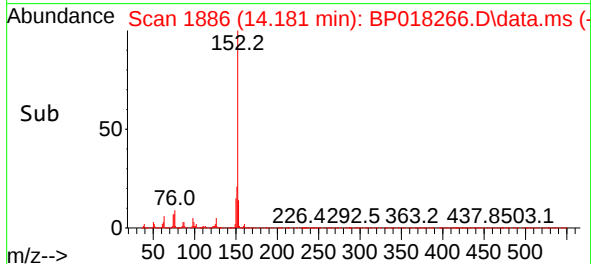
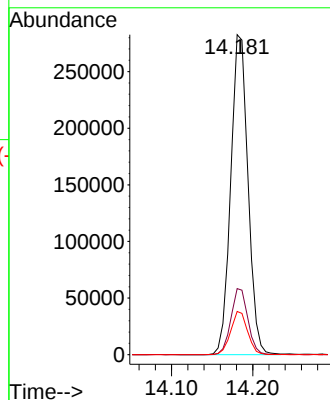
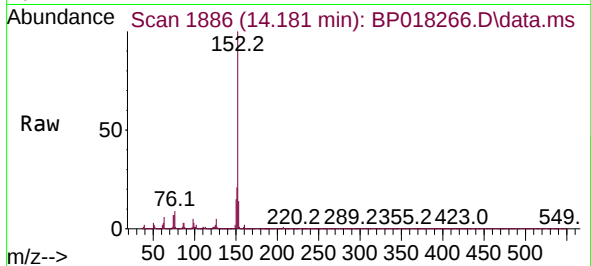




#50
Acenaphthylene
Concen: 18.669 ng/ul
RT: 14.181 min Scan# 1886
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

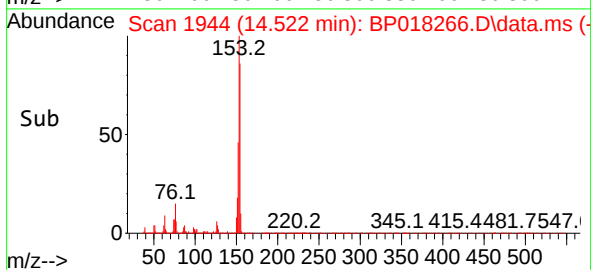
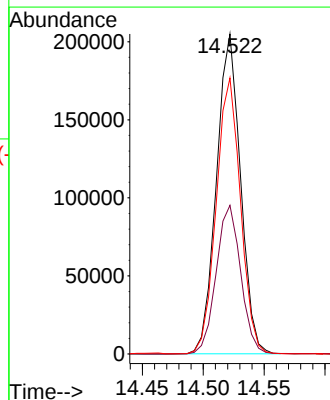
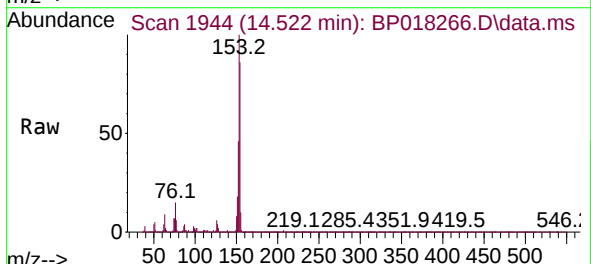
Instrument :
BNA_M
ClientSampleId :

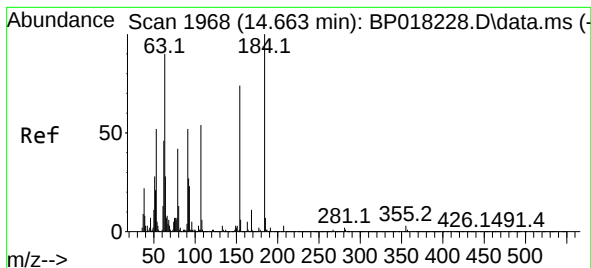
Tgt Ion:152 Resp: 417026
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.5 10.4 15.6



#52
Acenaphthene
Concen: 19.043 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

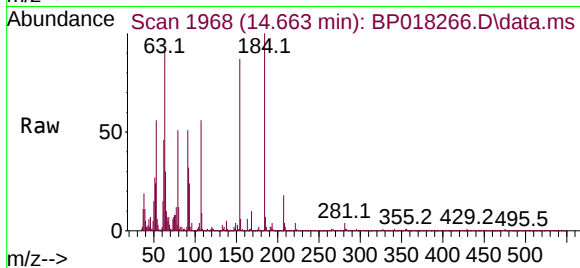
Tgt Ion:153 Resp: 282072
Ion Ratio Lower Upper
153 100
152 46.5 39.0 58.6
154 86.2 71.0 106.4



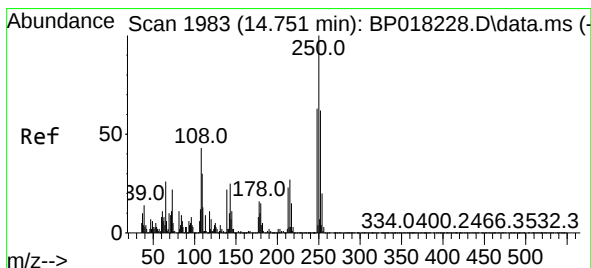
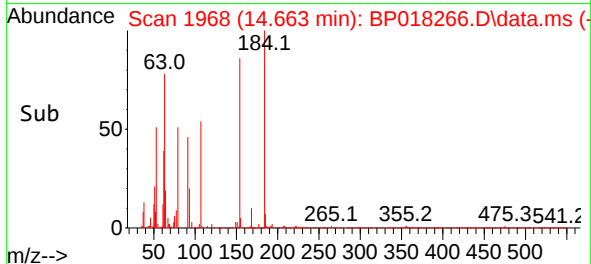
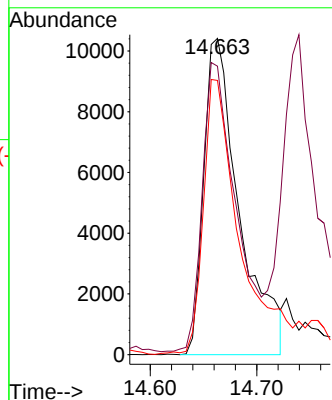


#53
2,4-Dinitrophenol
Concen: 12.533 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Instrument :
BNA_M
ClientSampleId :

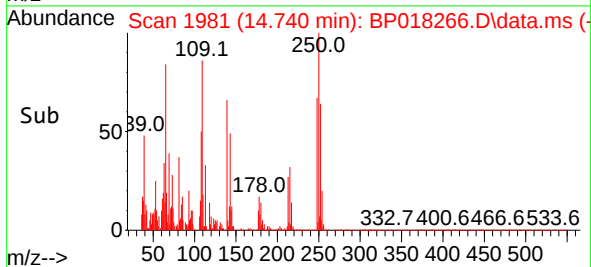
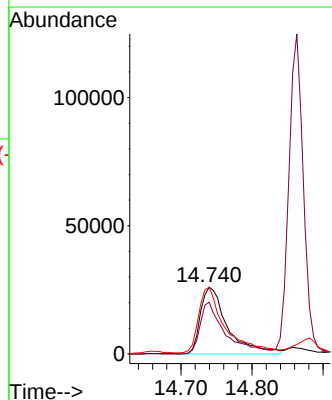
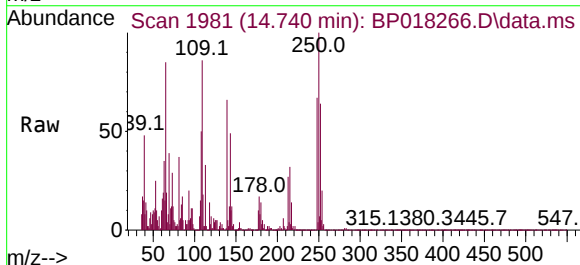


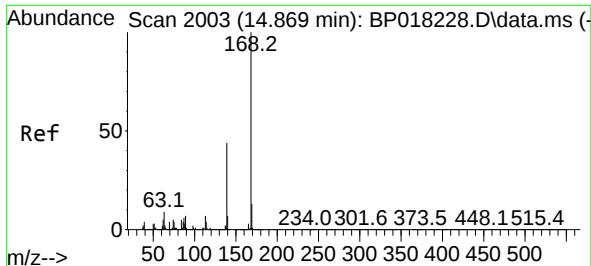
Tgt Ion	Ratio	Lower	Upper
184	100		
63	91.2	67.7	101.5
154	86.7	60.2	90.4



#55
4-Nitrophenol
Concen: 19.076 ng/ul
RT: 14.740 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion	Ratio	Lower	Upper
109	100		
139	77.3	74.9	112.3
65	99.8	93.8	140.6

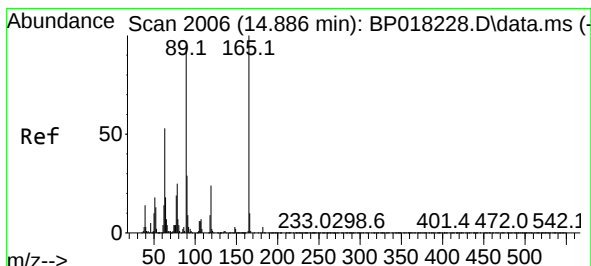
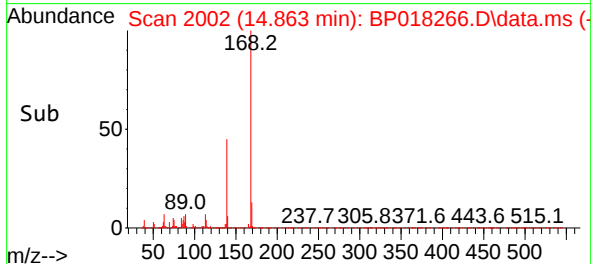
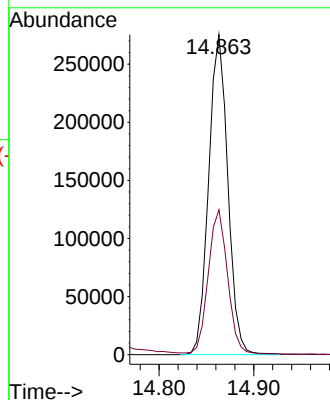
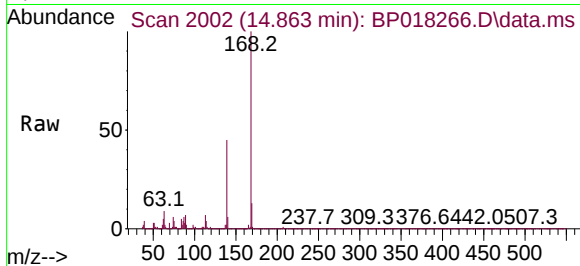




#56
Dibenzofuran
Concen: 19.089 ng/ul
RT: 14.863 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

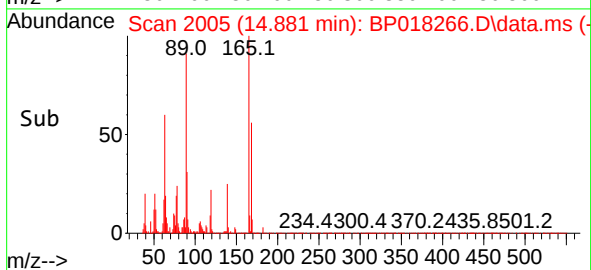
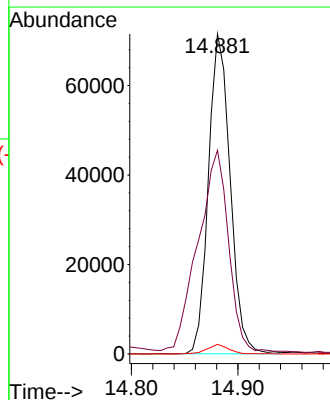
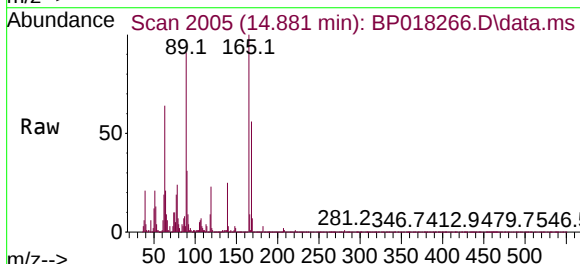
Instrument :
BNA_M
ClientSampleId :

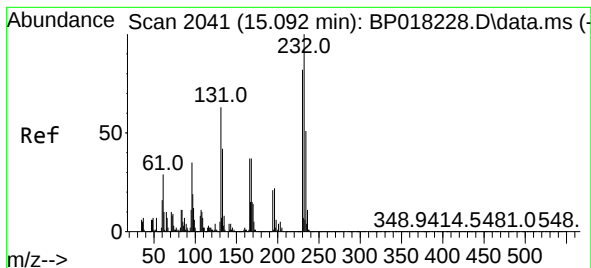
Tgt Ion:168 Resp: 387479
Ion Ratio Lower Upper
168 100
139 45.3 34.0 51.0



#57
2,4-Dinitrotoluene
Concen: 19.192 ng/ul
RT: 14.881 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:165 Resp: 101559
Ion Ratio Lower Upper
165 100
63 63.7 48.6 72.8
182 3.0 2.1 3.1

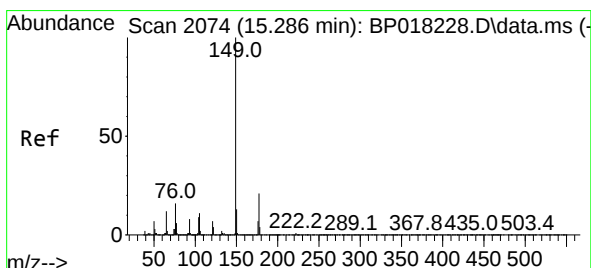
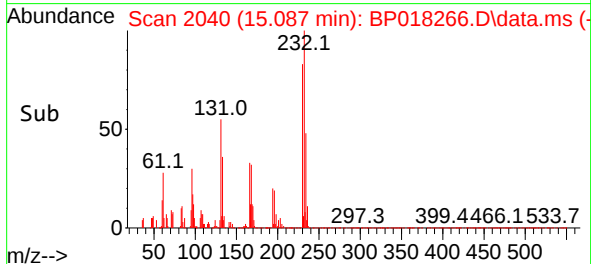
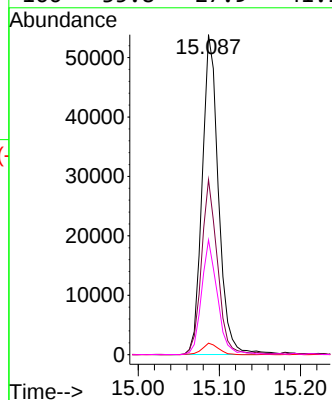
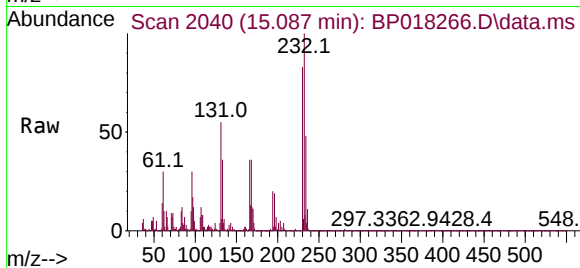




#58
2,3,4,6-Tetrachlorophenol
Concen: 18.433 ng/ul
RT: 15.087 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

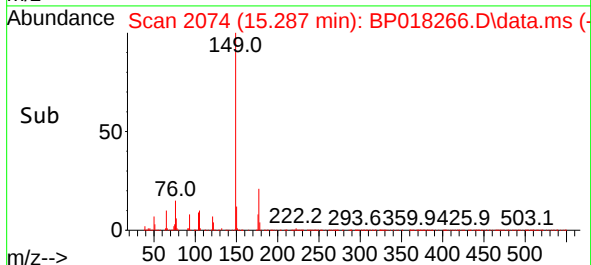
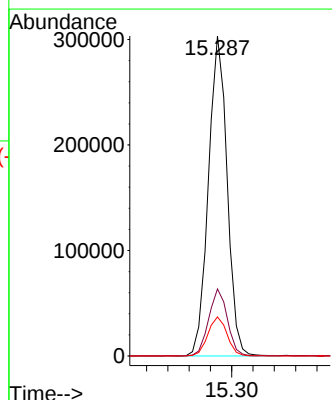
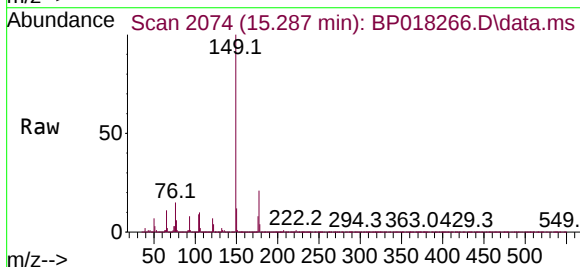
Instrument :
BNA_M
ClientSampleId :

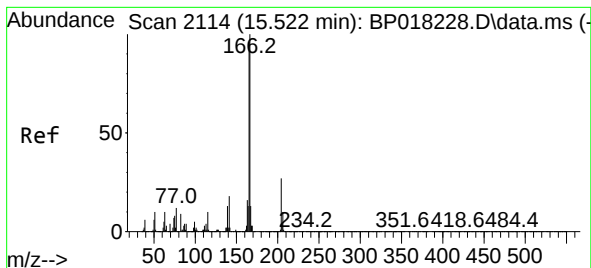
Tgt Ion:232	Resp:	75293
Ion Ratio	Lower	Upper
232	100	
131	54.7	44.1 66.1
130	3.6	2.5 3.7
166	35.8	27.9 41.9



#59
Diethylphthalate
Concen: 19.861 ng/ul
RT: 15.287 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:149	Resp:	369754
Ion Ratio	Lower	Upper
149	100	
177	21.0	16.3 24.5
150	12.2	10.0 15.0





#61

Fluorene

Concen: 20.051 ng/ul

RT: 15.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

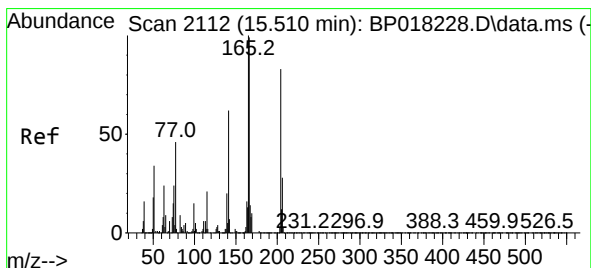
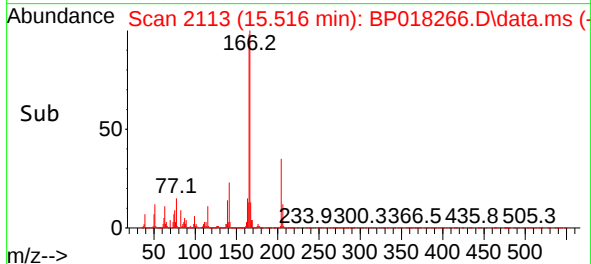
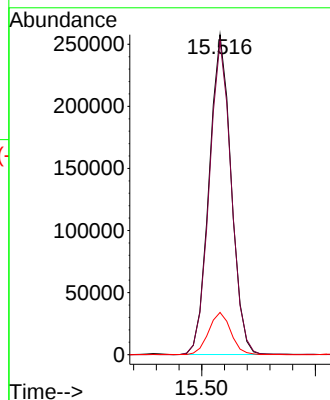
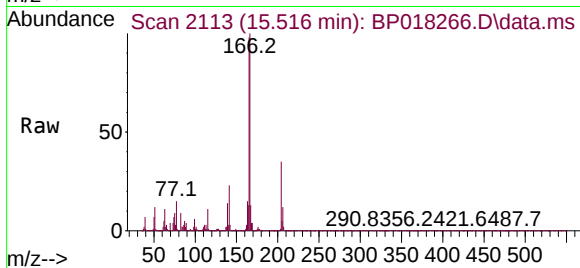
Tgt Ion:166 Resp: 345551

Ion Ratio Lower Upper

166 100

165 98.0 79.0 118.6

167 13.2 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 20.715 ng/ul

RT: 15.510 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

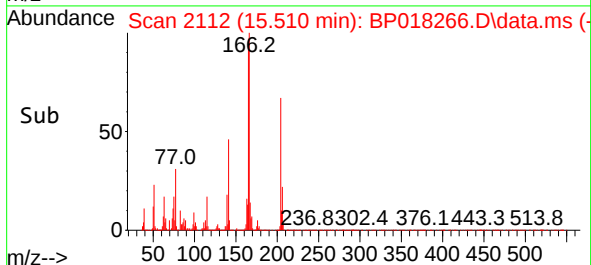
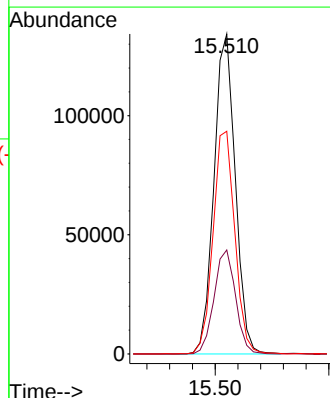
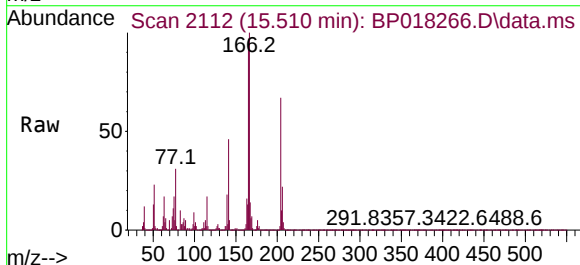
Tgt Ion:204 Resp: 174944

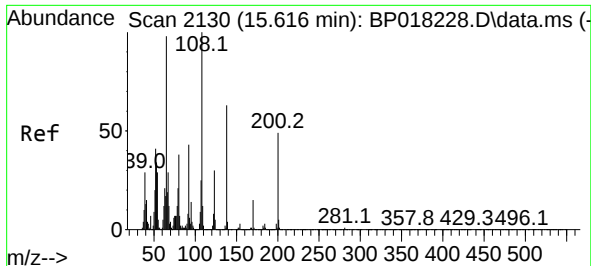
Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

141 69.6 56.0 84.0

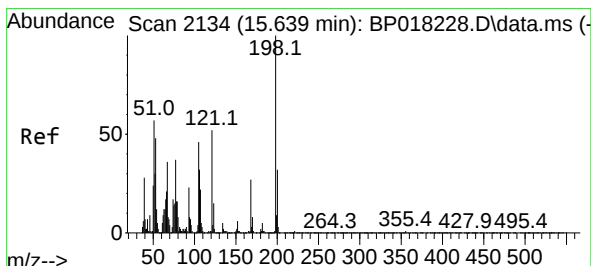
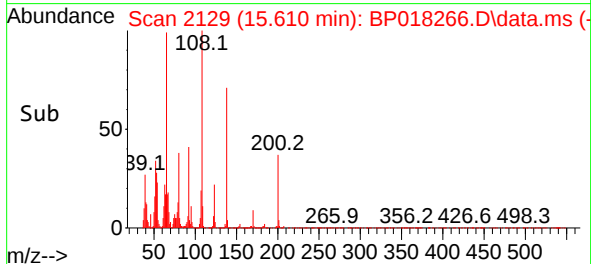
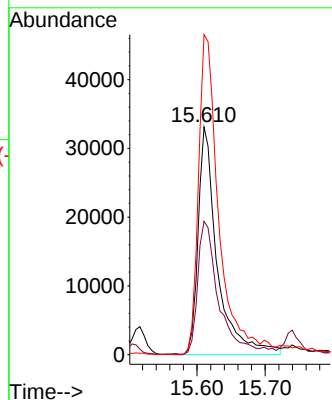
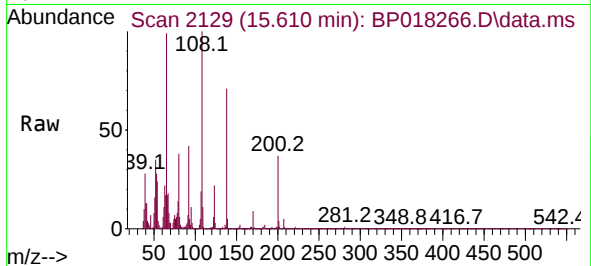




#63
4-Nitroaniline
Concen: 20.923 ng/ul
RT: 15.610 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

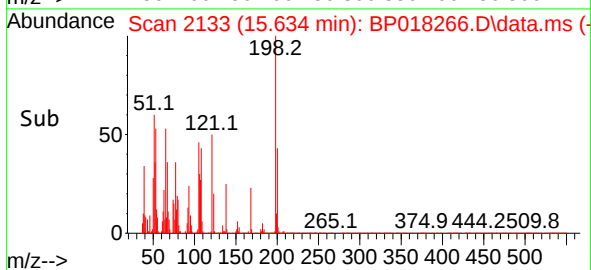
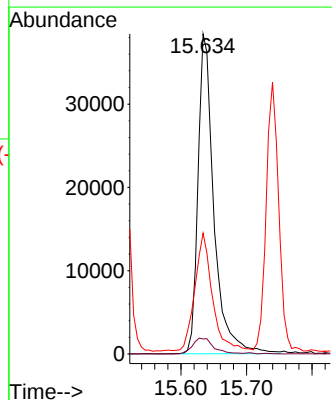
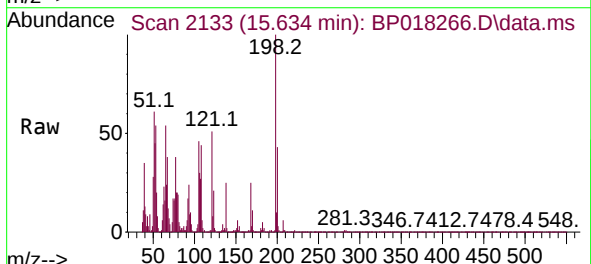
Instrument :
BNA_M
ClientSampleId :

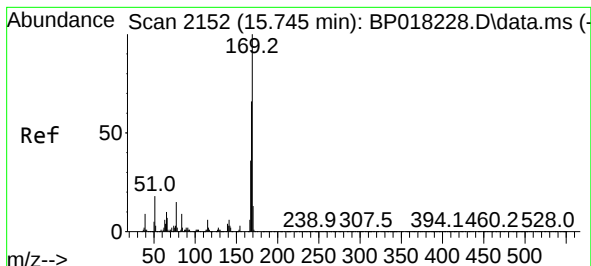
Tgt Ion:138 Resp: 64891
Ion Ratio Lower Upper
138 100
92 58.6 46.6 70.0
108 140.6 104.7 157.1



#66
4,6-Dinitro-2-methylphenol
Concen: 19.496 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:198 Resp: 64874
Ion Ratio Lower Upper
198 100
182 4.7 3.8 5.6
77 37.7 27.2 40.8





#67

N-Nitrosodiphenylamine

Concen: 19.774 ng/ul

RT: 15.740 min Scan# 2152

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

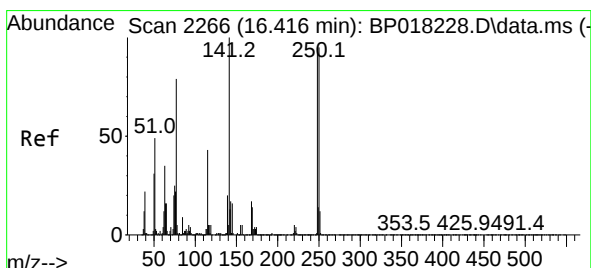
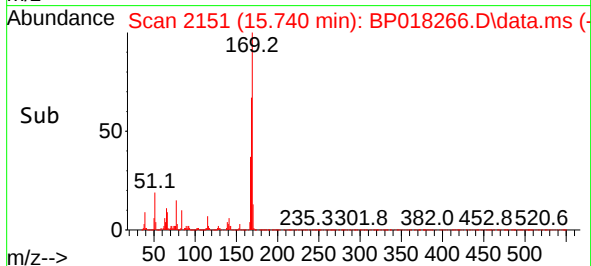
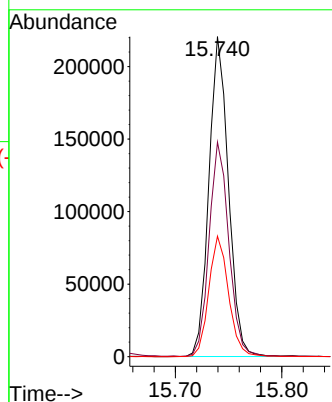
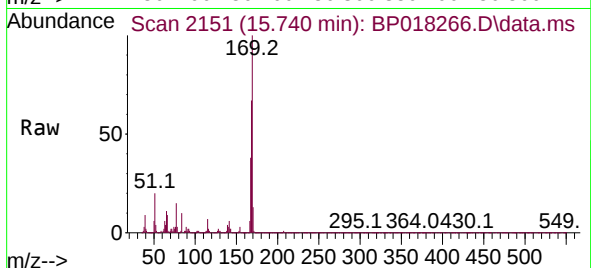
Tgt Ion:169 Resp: 281306

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

167 37.7 29.8 44.6



#68

4-Bromophenyl-phenylether

Concen: 19.127 ng/ul

RT: 16.416 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

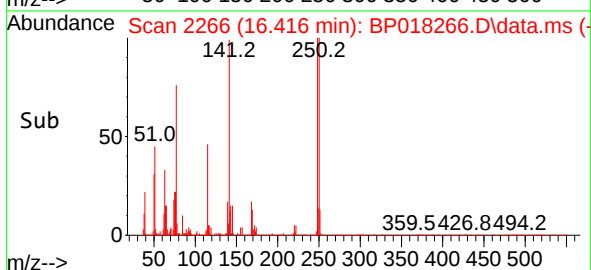
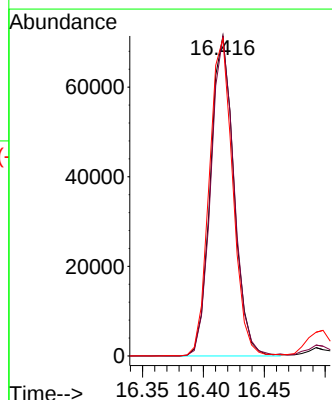
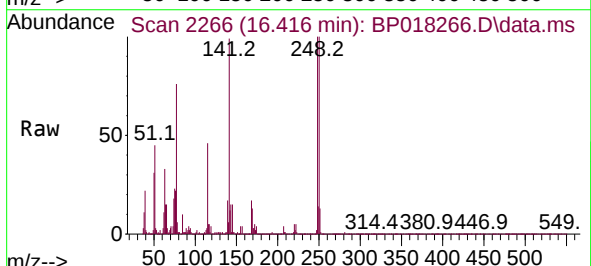
Tgt Ion:248 Resp: 95625

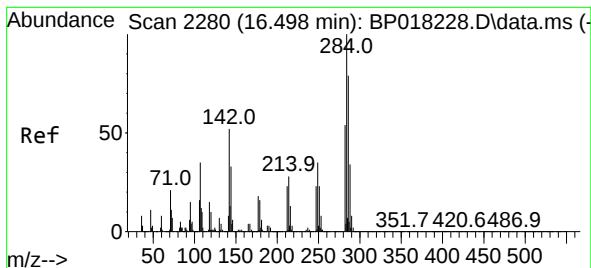
Ion Ratio Lower Upper

248 100

250 99.8 72.7 109.1

141 99.2 70.4 105.6





#69

Hexachlorobenzene

Concen: 18.888 ng/ul

RT: 16.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

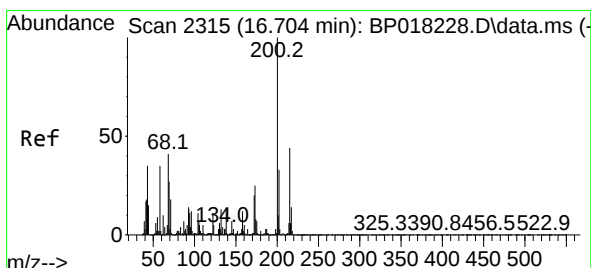
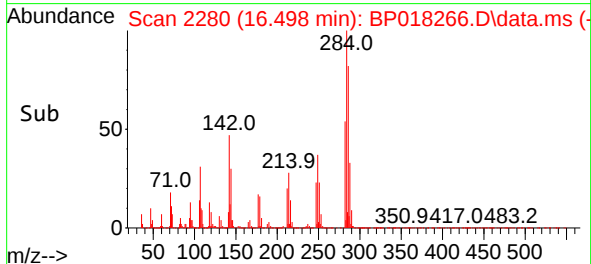
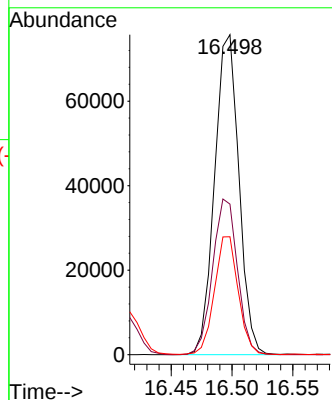
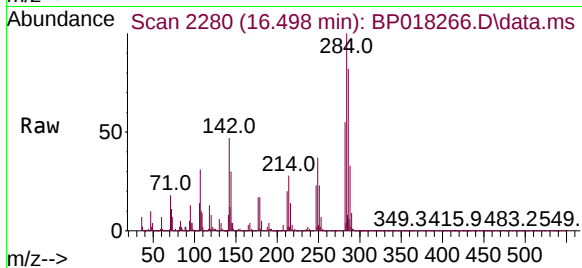
Tgt Ion:284 Resp: 105369

Ion Ratio Lower Upper

284 100

142 47.0 38.9 58.3

249 36.8 28.6 43.0



#70

Atrazine

Concen: 20.465 ng/ul

RT: 16.704 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

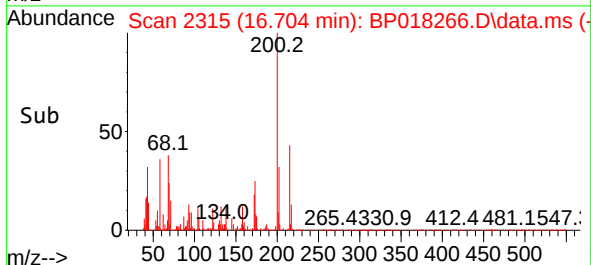
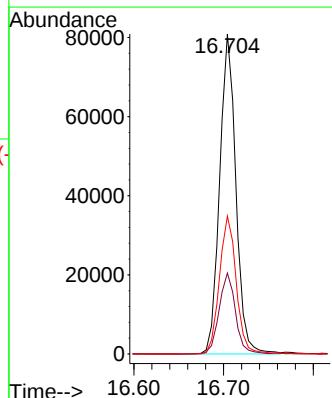
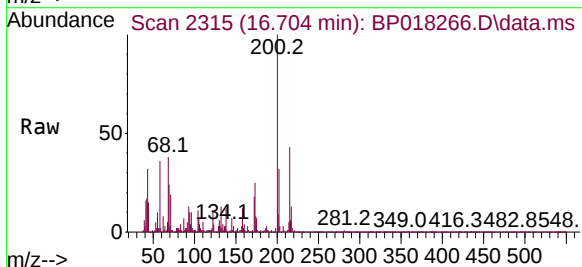
Tgt Ion:200 Resp: 101555

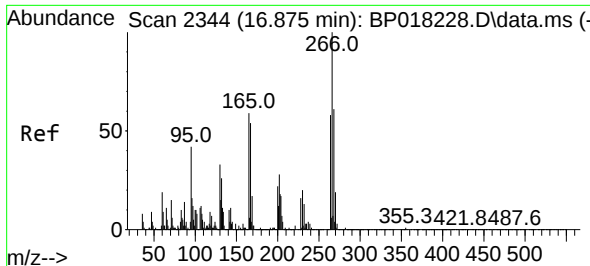
Ion Ratio Lower Upper

200 100

173 25.3 20.2 30.2

215 43.1 37.8 56.8

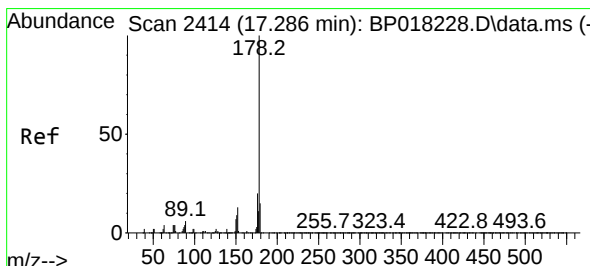
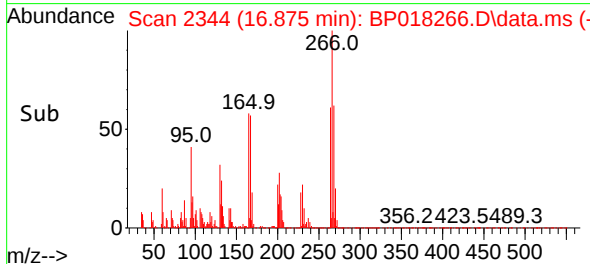
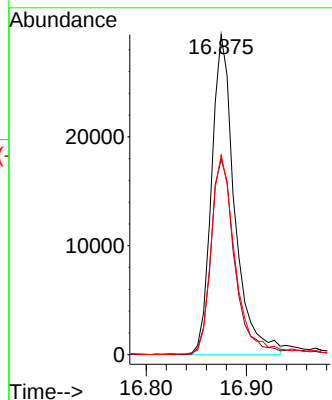
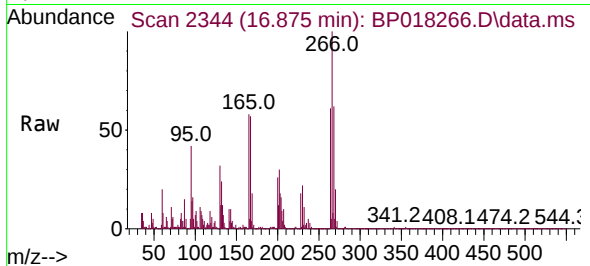




#71
Pentachlorophenol
Concen: 13.883 ng/ul
RT: 16.875 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

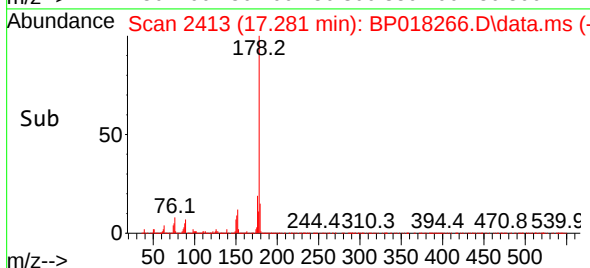
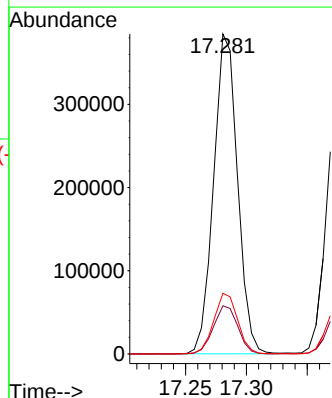
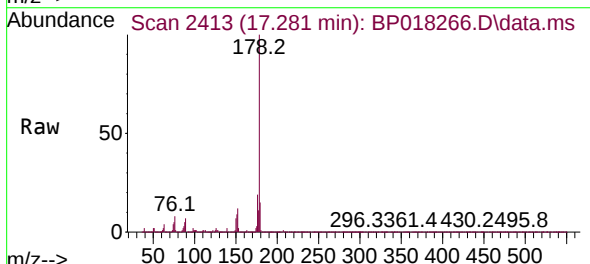
Instrument :
BNA_M
ClientSampleId :

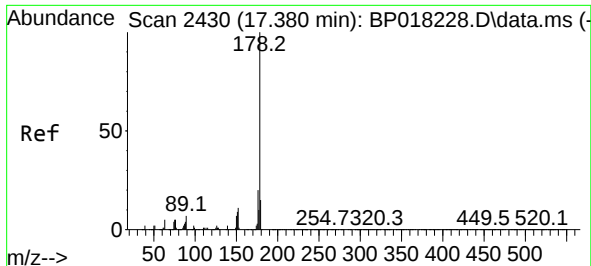
Tgt Ion:266 Resp: 47014
Ion Ratio Lower Upper
266 100
264 61.0 50.7 76.1
268 62.4 52.4 78.6



#72
Phenanthrene
Concen: 19.254 ng/ul
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:178 Resp: 524421
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 18.9 15.5 23.3

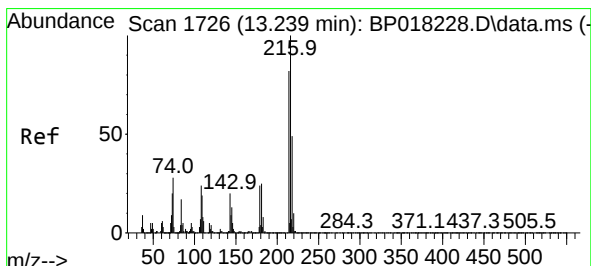
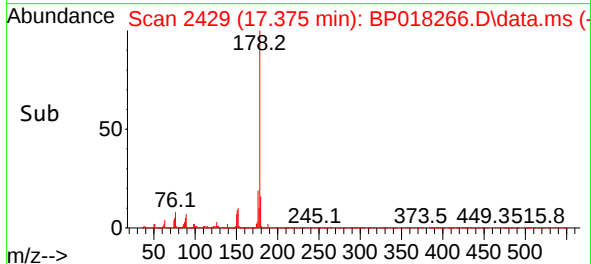
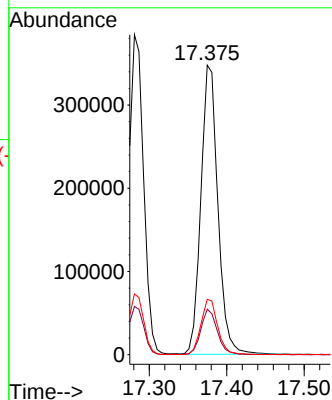
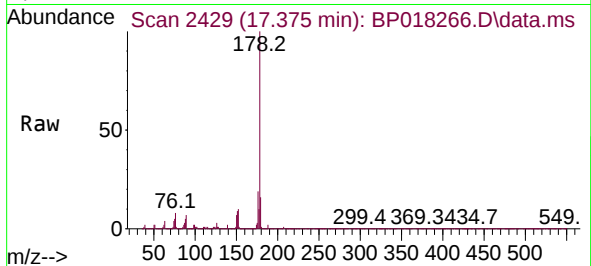




#74
 Anthracene
 Concen: 19.044 ng/uI
 RT: 17.375 min Scan# 2430
 Delta R.T. -0.006 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

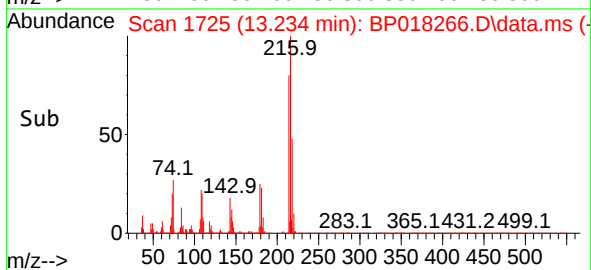
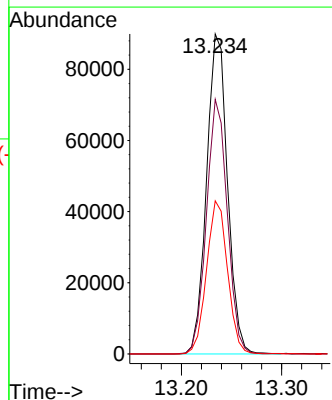
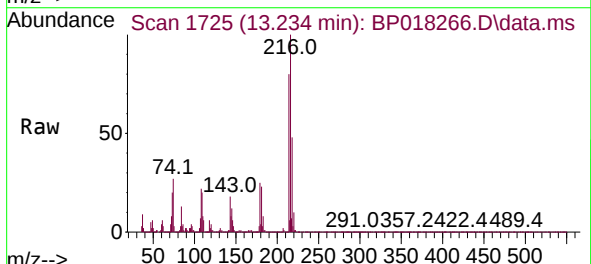
Instrument :
 BNA_M
 ClientSampleId :

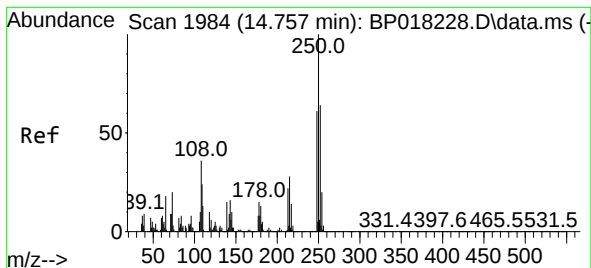
Tgt Ion:178 Resp: 529309
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 19.0
 176 19.1 15.4 23.0



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 19.328 ng/uI
 RT: 13.234 min Scan# 1725
 Delta R.T. -0.012 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

Tgt Ion:216 Resp: 130927
 Ion Ratio Lower Upper
 216 100
 214 79.5 64.0 96.0
 218 47.9 39.0 58.4





#76

Pentachlorobenzene

Concen: 19.426 ng/uL

RT: 14.751 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

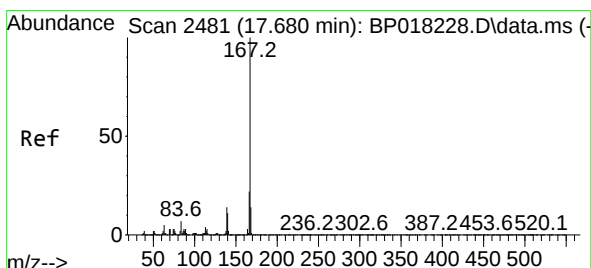
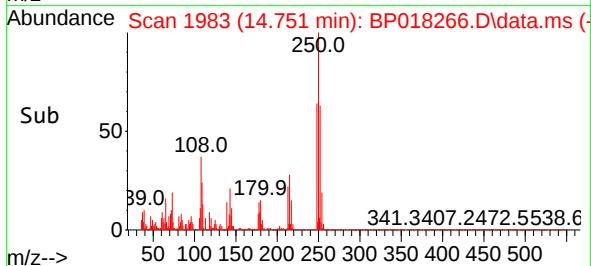
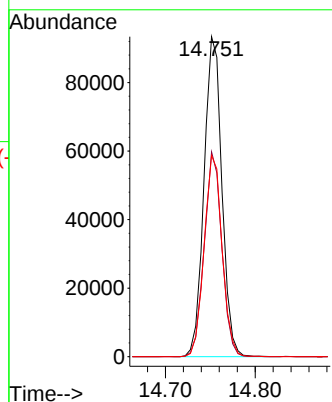
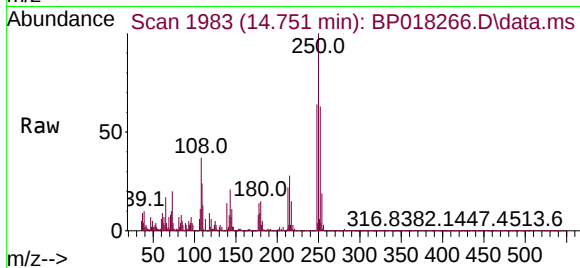
Tgt Ion:250 Resp: 128820

Ion Ratio Lower Upper

250 100

248 64.0 52.7 79.1

252 62.9 52.3 78.5



#77

Carbazole

Concen: 19.505 ng/uL

RT: 17.681 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

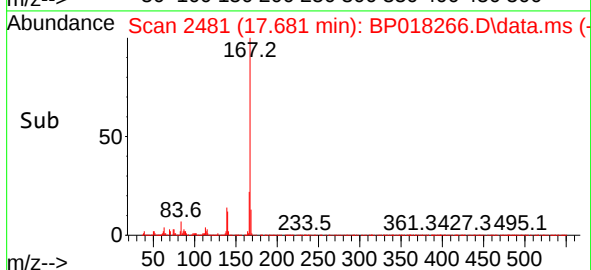
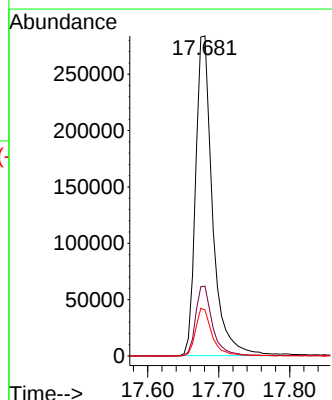
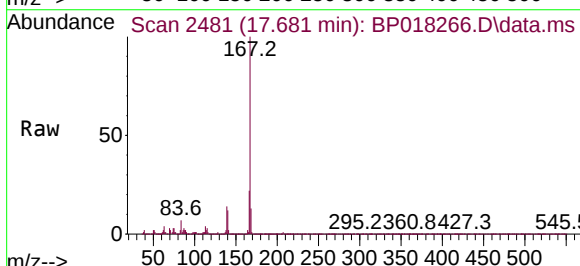
Tgt Ion:167 Resp: 470775

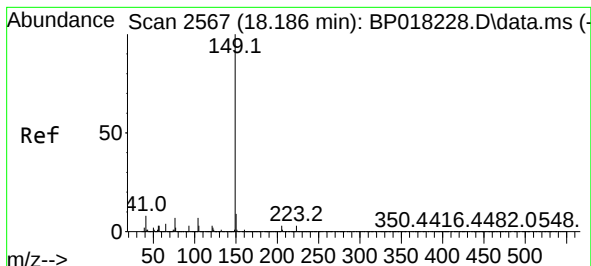
Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

139 14.4 11.4 17.0





#78

Di-n-butylphthalate

Concen: 20.199 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

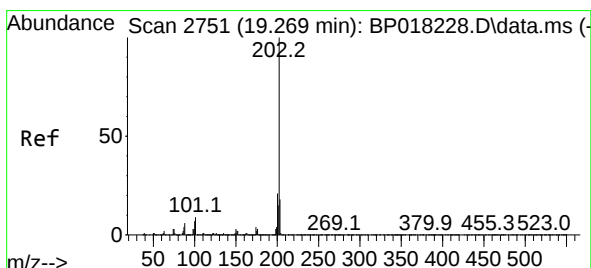
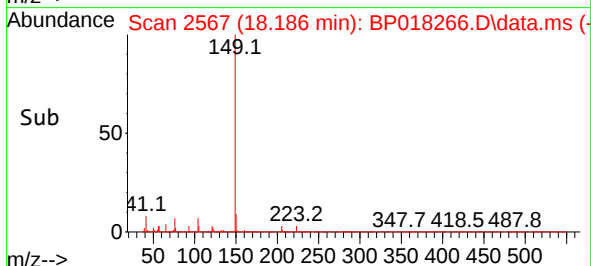
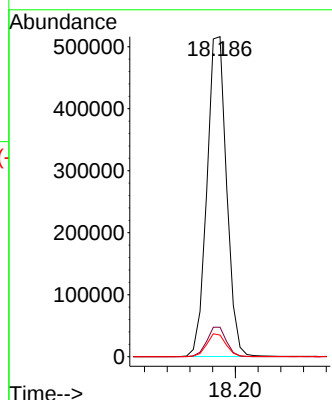
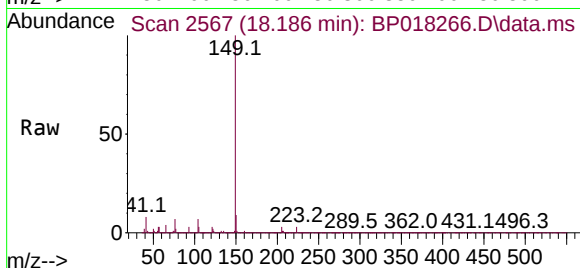
Tgt Ion:149 Resp: 618602

Ion Ratio Lower Upper

149 100

150 9.2 6.7 10.1

104 6.8 5.1 7.7



#80

Fluoranthene

Concen: 18.276 ng/ul

RT: 19.269 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

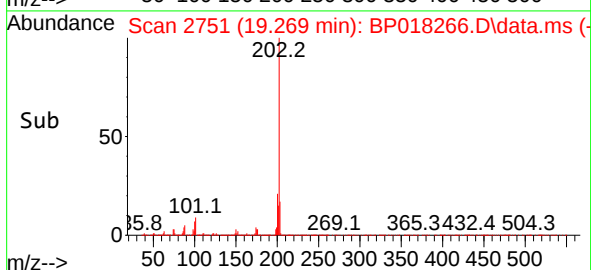
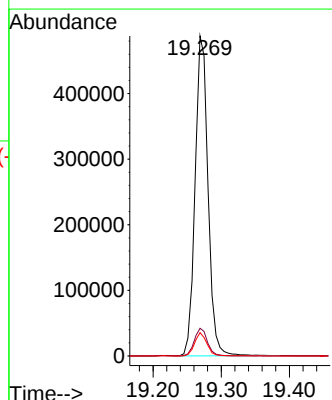
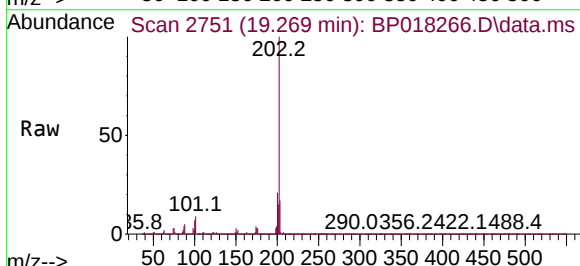
Tgt Ion:202 Resp: 641615

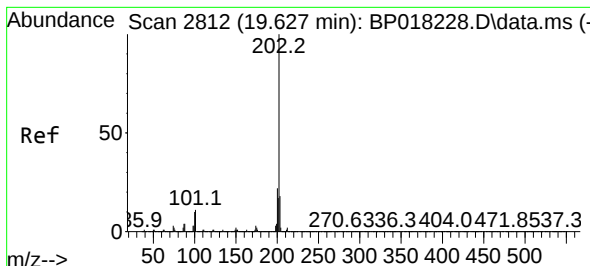
Ion Ratio Lower Upper

202 100

101 8.6 7.2 10.8

100 7.3 5.8 8.6





#82

Pyrene

Concen: 18.219 ng/ul

RT: 19.628 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

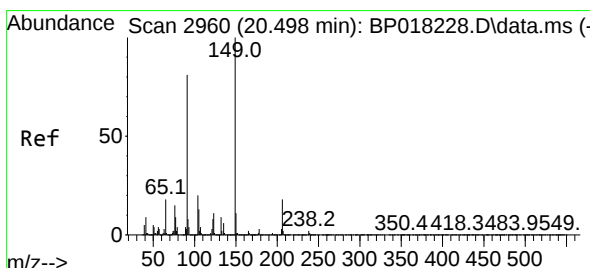
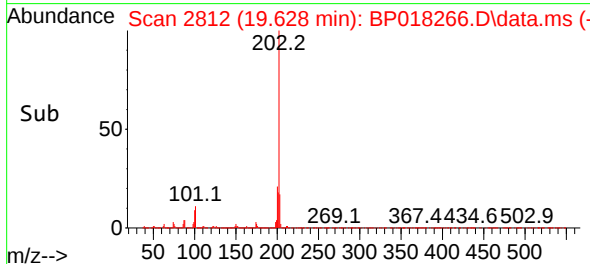
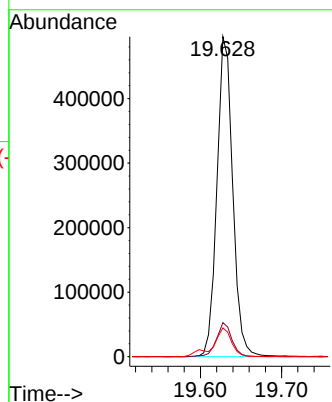
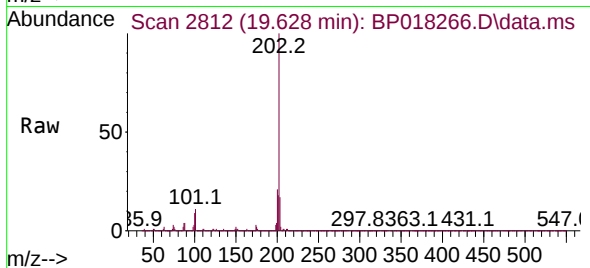
Tgt Ion:202 Resp: 670217

Ion Ratio Lower Upper

202 100

101 10.6 8.3 12.5

100 9.0 7.4 11.2



#83

Butylbenzylphthalate

Concen: 19.060 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

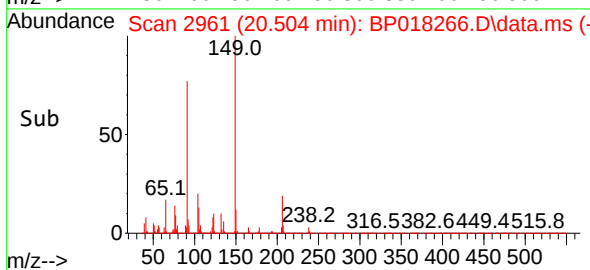
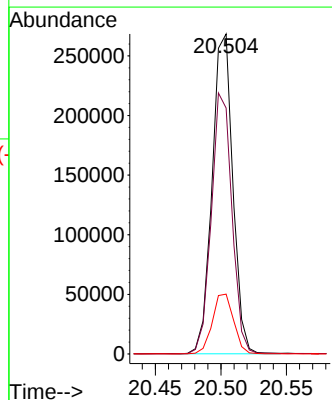
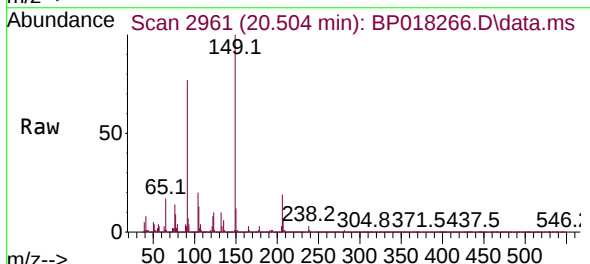
Tgt Ion:149 Resp: 294869

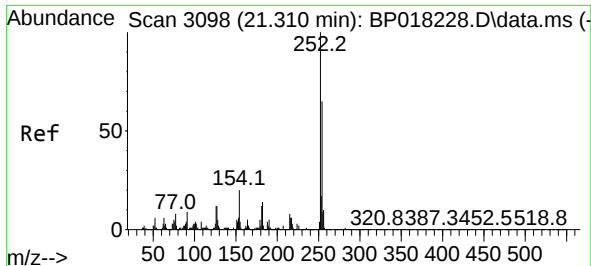
Ion Ratio Lower Upper

149 100

91 76.9 59.6 89.4

206 18.7 14.3 21.5

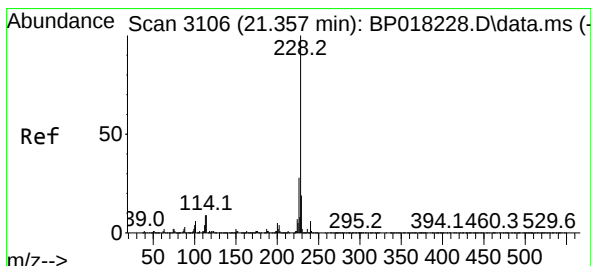
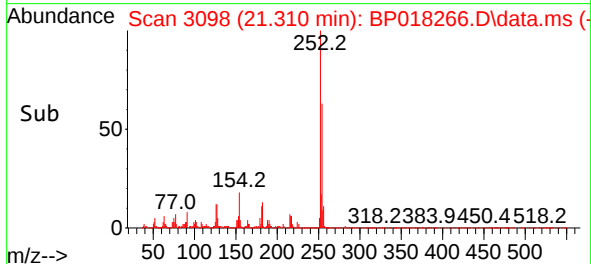
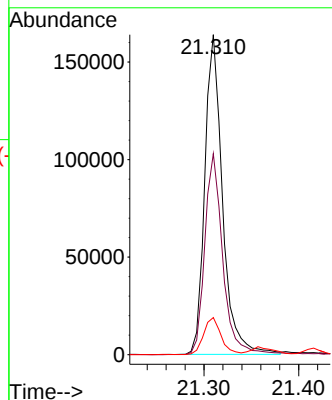
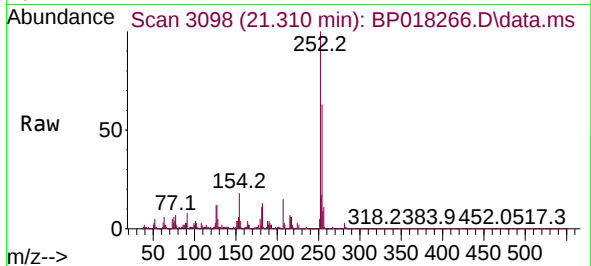




#84
 3,3'-Dichlorobenzidine
 Concen: 19.861 ng/ul
 RT: 21.310 min Scan# 3098
 Delta R.T. 0.000 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

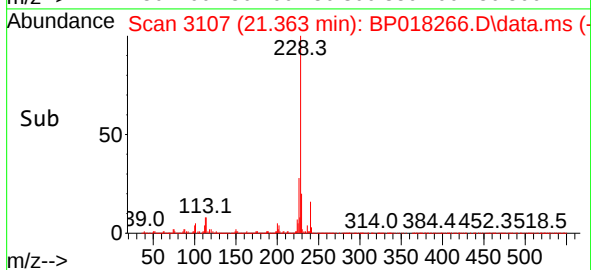
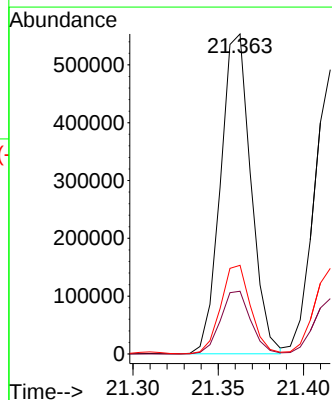
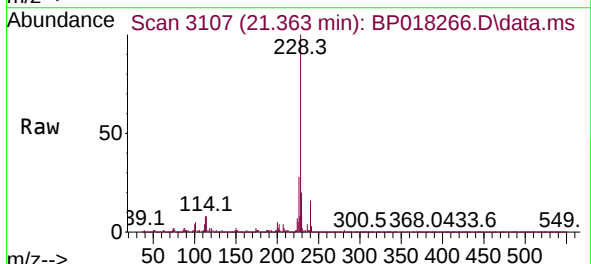
Instrument :
 BNA_M
 ClientSampleId :

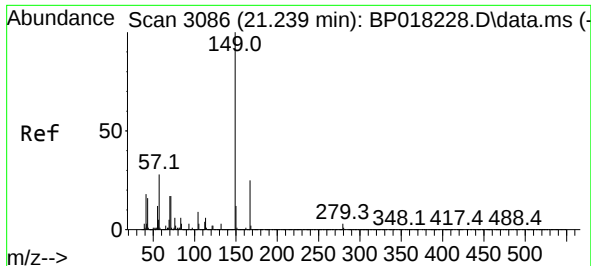
Tgt Ion:252 Resp: 213542
 Ion Ratio Lower Upper
 252 100
 254 62.8 48.9 73.3
 126 11.6 9.4 14.0



#85
 Benzo(a)anthracene
 Concen: 18.921 ng/ul
 RT: 21.363 min Scan# 3107
 Delta R.T. 0.006 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

Tgt Ion:228 Resp: 687594
 Ion Ratio Lower Upper
 228 100
 229 19.6 15.4 23.0
 226 27.7 21.4 32.0

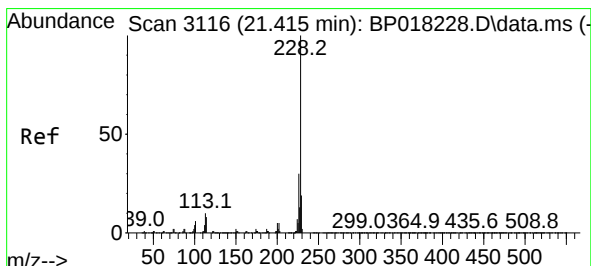
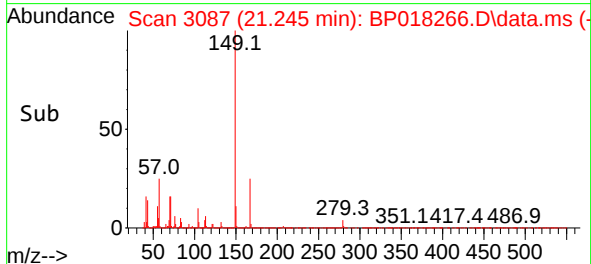
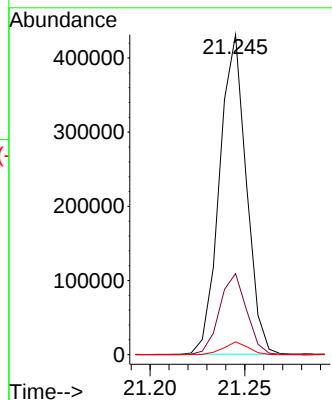
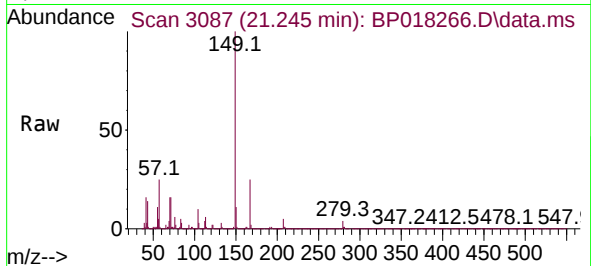




#86
Bis(2-ethylhexyl)phthalate
Concen: 19.848 ng/ul
RT: 21.245 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

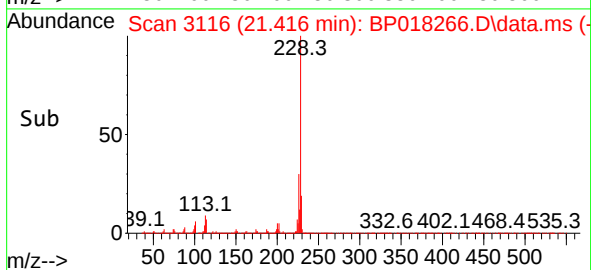
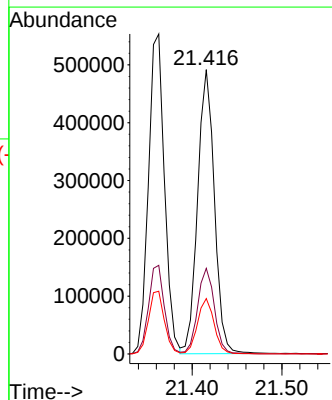
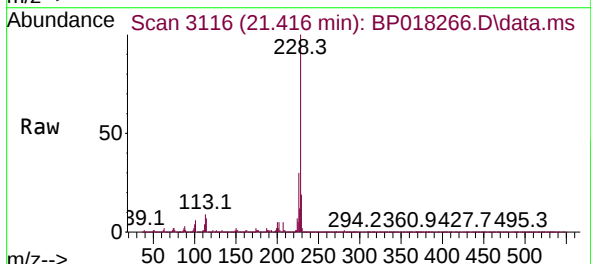
Instrument :
BNA_M
ClientSampleId :

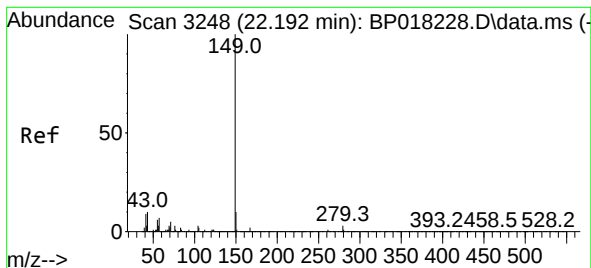
Tgt Ion:149 Resp: 423370
Ion Ratio Lower Upper
149 100
167 25.3 21.0 31.4
279 4.0 3.2 4.8



#87
Chrysene
Concen: 18.760 ng/ul
RT: 21.416 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP018266.D
Acq: 18 Nov 2023 18:20

Tgt Ion:228 Resp: 637776
Ion Ratio Lower Upper
228 100
226 30.1 23.1 34.7
229 19.5 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 20.403 ng/ul

RT: 22.198 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP018266.D

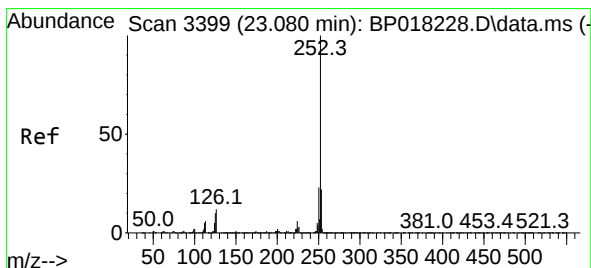
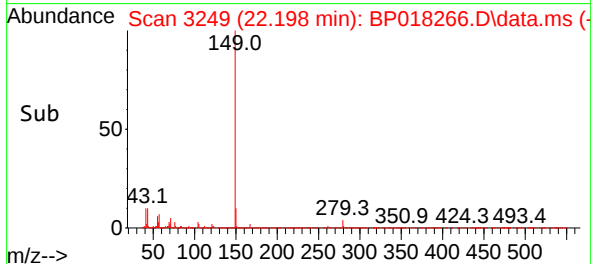
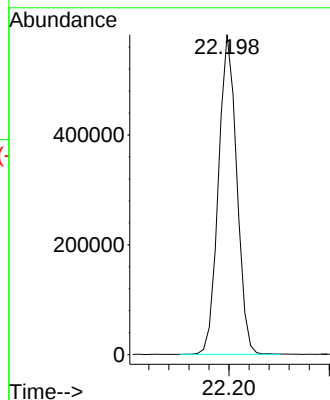
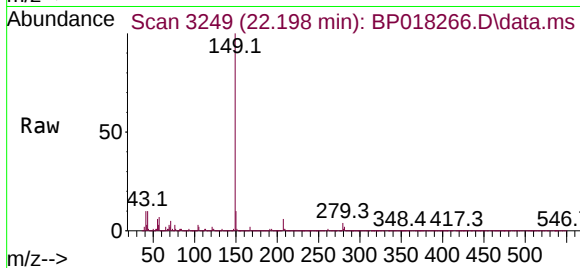
Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 736228



#90

Benzo(b)fluoranthene

Concen: 19.140 ng/ul

RT: 23.086 min Scan# 3400

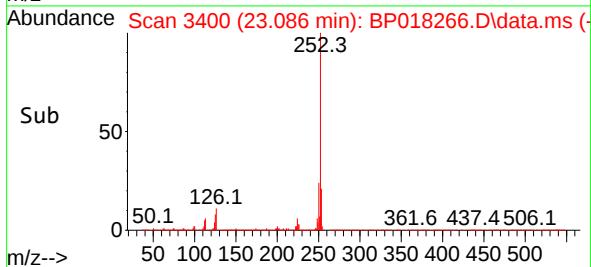
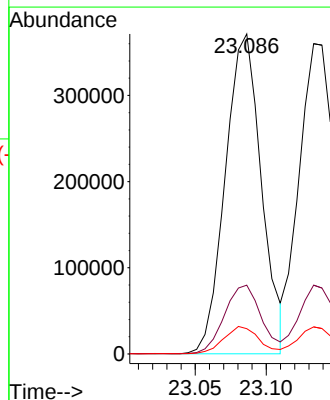
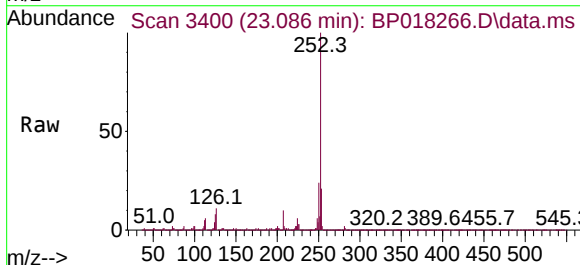
Delta R.T. 0.006 min

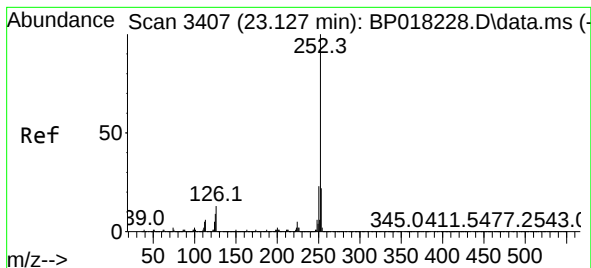
Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Tgt Ion:252 Resp: 657237

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	7.9	7.0	10.6





#91

Benzo(k)fluoranthene

Concen: 19.013 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

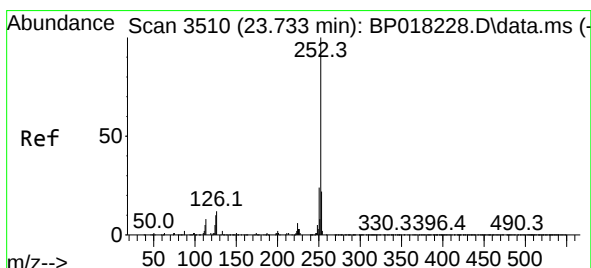
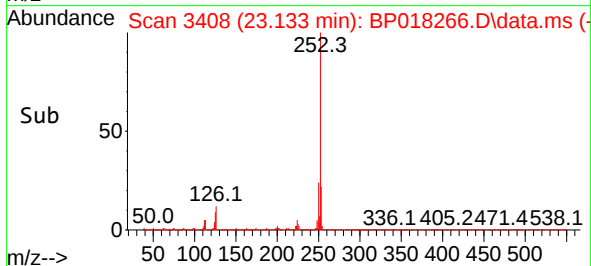
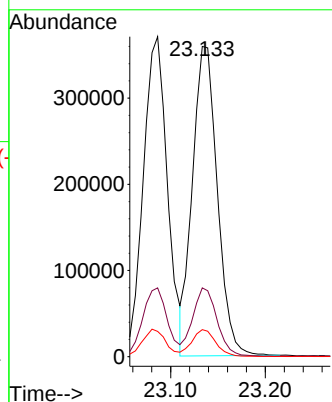
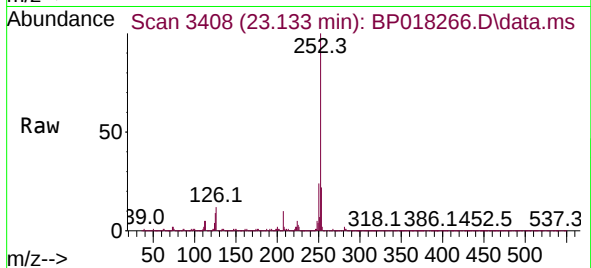
Tgt Ion:252 Resp: 656850

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.7 6.8 10.2



#93

Benzo(a)pyrene

Concen: 19.145 ng/ul

RT: 23.739 min Scan# 3511

Delta R.T. 0.006 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

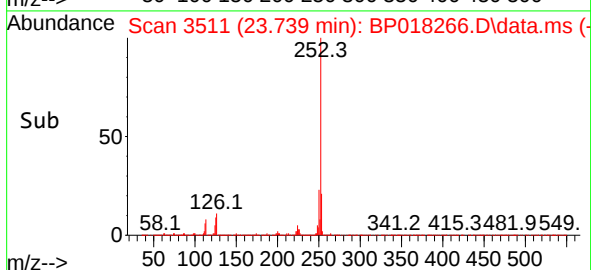
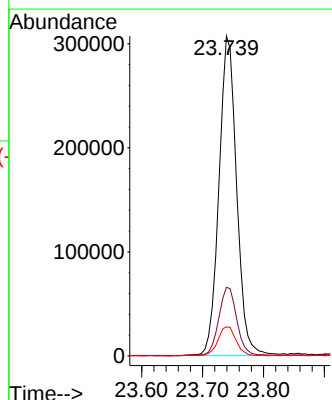
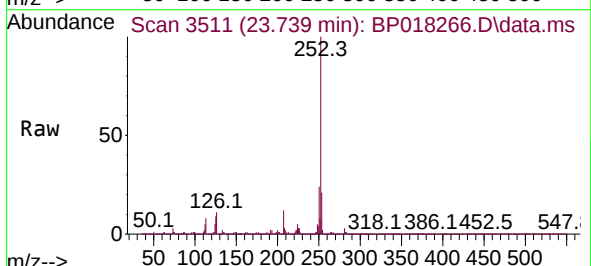
Tgt Ion:252 Resp: 620837

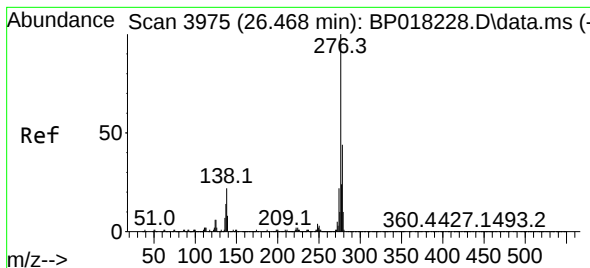
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.1 7.3 10.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.744 ng/ul

RT: 26.486 min Scan# 3975

Delta R.T. 0.024 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

Instrument :

BNA_M

ClientSampleId :

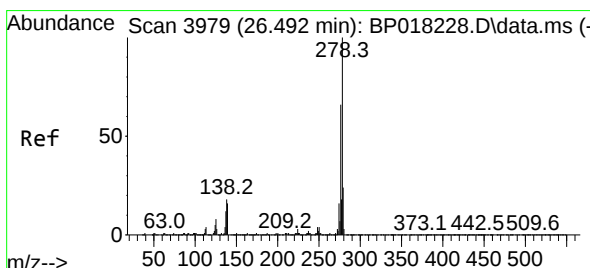
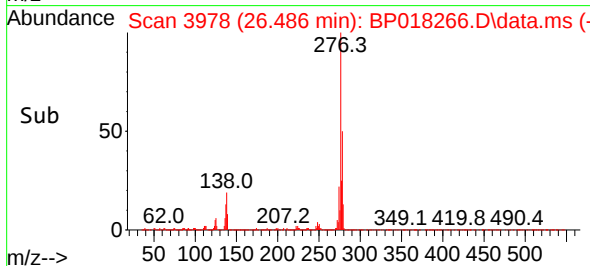
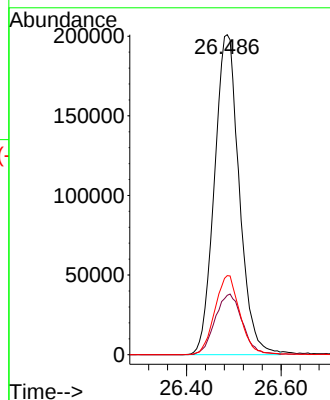
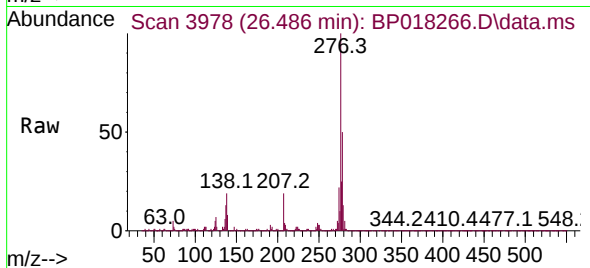
Tgt Ion:276 Resp: 729009

Ion Ratio Lower Upper

276 100

138 18.6 15.6 23.4

277 24.7 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 18.622 ng/ul

RT: 26.510 min Scan# 3982

Delta R.T. 0.018 min

Lab File: BP018266.D

Acq: 18 Nov 2023 18:20

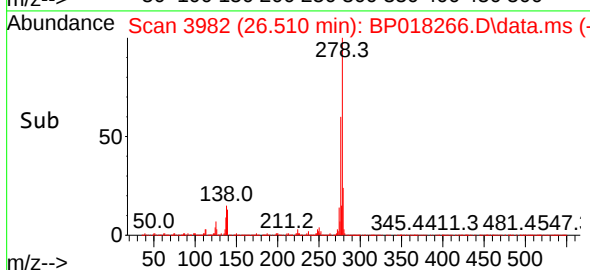
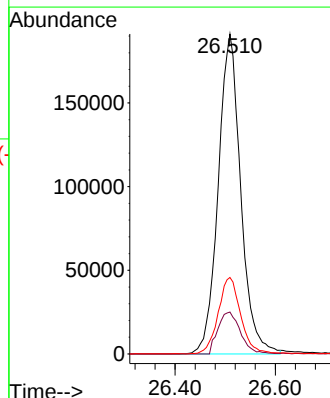
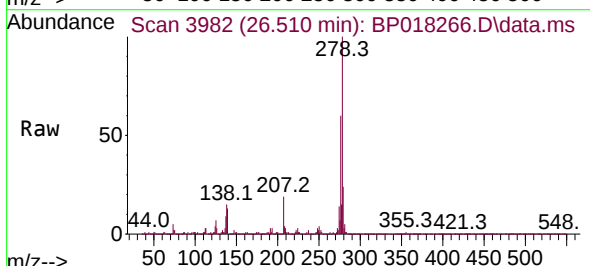
Tgt Ion:278 Resp: 596351

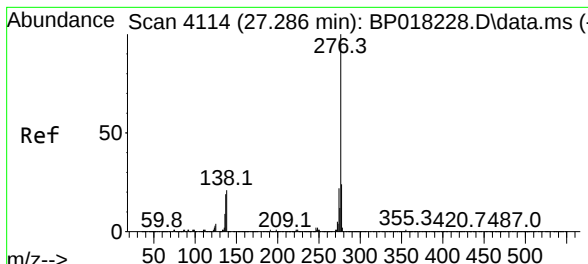
Ion Ratio Lower Upper

278 100

139 13.1 11.1 16.7

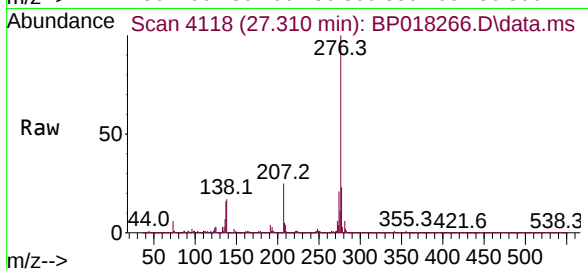
279 23.9 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 18.512 ng/ul
 RT: 27.310 min Scan# 4118
 Delta R.T. 0.030 min
 Lab File: BP018266.D
 Acq: 18 Nov 2023 18:20

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 575867

Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.8	20.6
277	23.0	20.2	30.2

