

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018247.D
 Acq On : 18 Nov 2023 07:02
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:47:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	65068	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	259420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	187305	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	426876	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	433169	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	469728	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	15379	8.338	ng/uL	0.00
4) Pyridine-d5	3.593	84	89805	18.673	ng/u1	0.00
7) Phenol-d5	6.946	99	108827	17.324	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	68363	18.518	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	87772	17.644	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	86948	16.891	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	42554	18.207	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	47507	17.942	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	89509	18.967	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	115205	17.801	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	321722	18.616	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	340495	18.089	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	32557	12.607	ng/u1	0.00
60) Fluorene-d10	15.463	176	268225	18.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	53566	17.358	ng/u1	0.00
73) Anthracene-d10	17.339	188	437941	18.969	ng/u1	0.00
81) Pyrene-d10	19.598	212	526212	18.187	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	523676	19.173	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	16784	8.339	ng/uL	96
5) Pyridine	3.611	79	93682	18.874	ng/u1	97
6) Benzaldehyde	6.952	77	71517	21.139	ng/u1	98
8) Phenol	6.975	94	106371	17.165	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	86392	17.970	ng/u1	95
12) 2-Chlorophenol	7.334	128	89696	17.958	ng/u1	99
13) 2-Methylphenol	8.234	108	81297	17.363	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.287	45	54214	9.876	ng/u1	95
16) Acetophenone	8.634	105	143893	17.586	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	76962	17.228	ng/u1	94
18) 4-Methylphenol	8.569	108	86096	16.861	ng/u1	95
19) Hexachloroethane	8.822	117	45081	18.865	ng/u1	96
22) Nitrobenzene	9.028	77	122170	19.359	ng/u1	96
23) Isophorone	9.534	82	208844	18.135	ng/u1	99
25) 2-Nitrophenol	9.728	139	50664	18.620	ng/u1	91
26) 2,4-Dimethylphenol	9.775	107	104463	18.048	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.028	93	115602	18.409	ng/u1	100
29) 2,4-Dichlorophenol	10.252	162	84037	18.648	ng/u1	99
30) Naphthalene	10.646	128	297404	18.851	ng/u1	99
32) 4-Chloroaniline	10.804	127	113223	18.264	ng/u1	94
33) Hexachlorobutadiene	10.857	225	68801	20.796	ng/u1	94
34) Caprolactam	11.634	113	22717	15.174	ng/u1	96
35) 4-Chloro-3-methylphenol	11.916	107	101951	18.804	ng/u1	99
36) 2-Methylnaphthalene	12.263	142	202284	18.676	ng/u1	98

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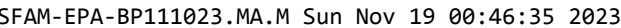
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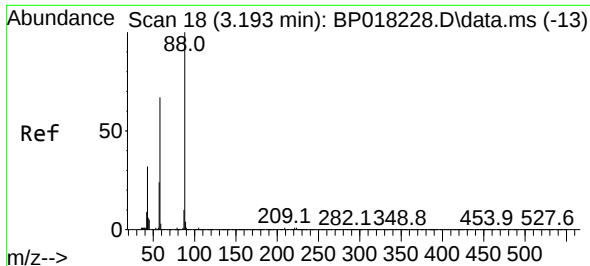
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	206832	18.583	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.616	216	113718	17.972	ng/ul	97
40) Hexachlorocyclopentadiene	12.551	237	46288	15.155	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	71657	17.263	ng/ul	97
42) 2,4,5-Trichlorophenol	12.969	196	79831	18.274	ng/ul	95
43) 1,1'-Biphenyl	13.287	154	292641	18.374	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	234847	18.572	ng/ul	99
45) 2-Nitroaniline	13.593	65	72197	17.693	ng/ul	95
47) Dimethylphthalate	13.928	163	318269	18.774	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	61731	18.320	ng/ul	98
50) Acenaphthylene	14.187	152	389178	18.313	ng/ul	100
51) 3-Nitroaniline	14.440	138	54615	17.467	ng/ul#	95
52) Acenaphthene	14.522	153	262144	18.602	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	22456	12.216	ng/ul	95
55) 4-Nitrophenol	14.740	109	56307	16.426	ng/ul	90
56) Dibenzofuran	14.863	168	362788	18.786	ng/ul	100
57) 2,4-Dinitrotoluene	14.887	165	95363	18.942	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.092	232	76280	19.629	ng/ul	94
59) Diethylphthalate	15.287	149	332134	18.752	ng/ul	98
61) Fluorene	15.516	166	306584	18.699	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	161054	20.045	ng/ul	94
63) 4-Nitroaniline	15.616	138	56435	19.127	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.639	198	55782	17.420	ng/ul	96
67) N-Nitrosodiphenylamine	15.739	169	257828	18.833	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	97703	20.307	ng/ul	90
69) Hexachlorobenzene	16.498	284	115429	21.501	ng/ul#	90
70) Atrazine	16.704	200	97339	20.383	ng/ul	99
71) Pentachlorophenol	16.875	266	45579	13.986	ng/ul	96
72) Phenanthrene	17.286	178	497039	18.964	ng/ul	100
74) Anthracene	17.381	178	500525	18.713	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	130789	20.064	ng/ul	94
76) Pentachlorobenzene	14.757	250	132551	20.771	ng/ul	96
77) Carbazole	17.681	167	442899	19.068	ng/ul	99
78) Di-n-butylphthalate	18.181	149	572726	19.434	ng/ul	97
80) Fluoranthene	19.269	202	607362	17.974	ng/ul	97
82) Pyrene	19.628	202	632333	17.858	ng/ul	98
83) Butylbenzylphthalate	20.498	149	270464	18.163	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.310	252	207708	20.070	ng/ul	96
85) Benzo(a)anthracene	21.357	228	660285	18.877	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	388227	18.910	ng/ul	98
87) Chrysene	21.416	228	618132	18.890	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	671313	19.110	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	629012	18.816	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	644988	19.177	ng/ul	99
93) Benzo(a)pyrene	23.739	252	603532	19.118	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	713432	18.842	ng/ul	99
95) Dibenzo(a,h)anthracene	26.498	278	595840	19.112	ng/ul	98
96) Benzo(g,h,i)perylene	27.292	276	563137	18.595	ng/ul	99

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

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QLast Update : Wed Nov 15 18:13:37 2023
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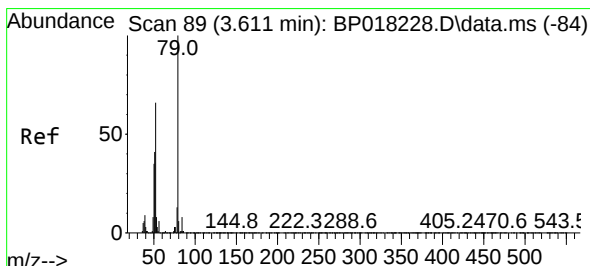
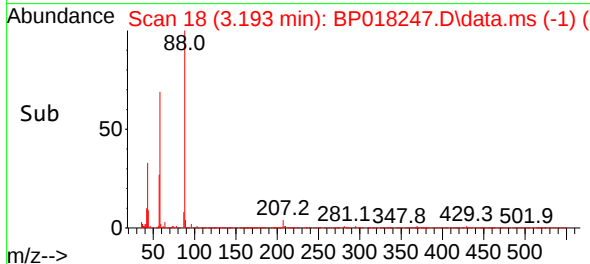
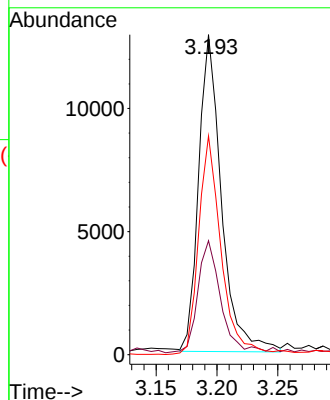
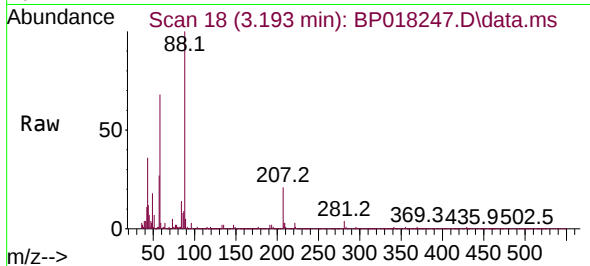




#2
1,4-Dioxane
Concen: 8.339 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

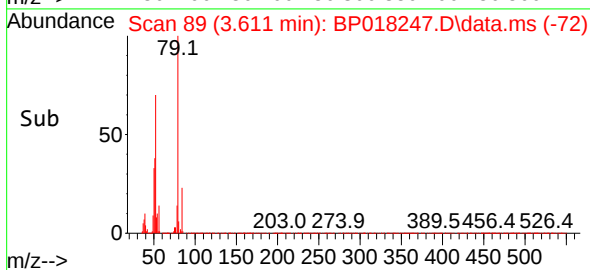
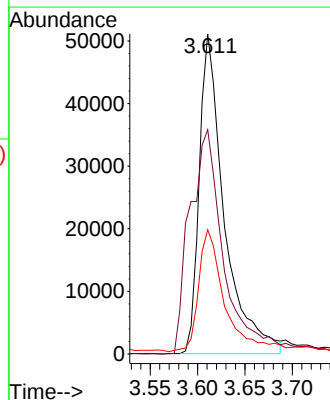
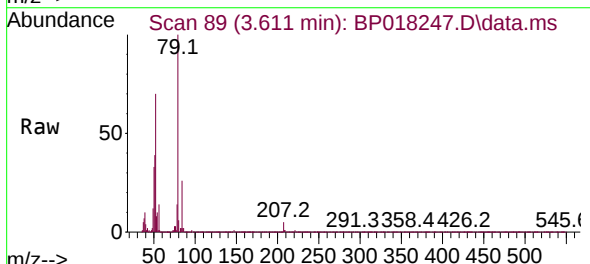
Instrument :
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ClientSampleId :

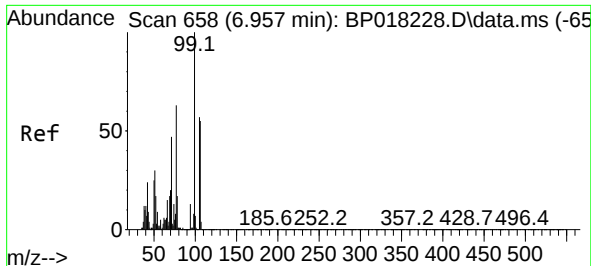
Tgt Ion: 88 Resp: 16784
Ion Ratio Lower Upper
88 100
43 35.6 25.4 38.2
58 68.3 53.3 79.9



#5
Pyridine
Concen: 18.874 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion: 79 Resp: 93682
Ion Ratio Lower Upper
79 100
52 70.1 53.9 80.9
51 38.8 32.2 48.2

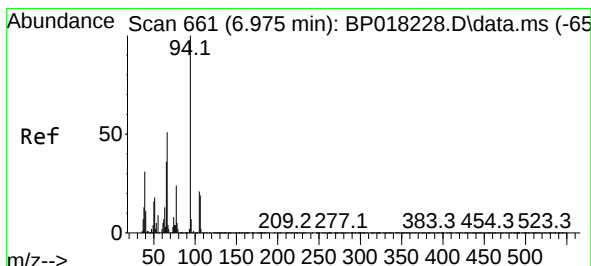
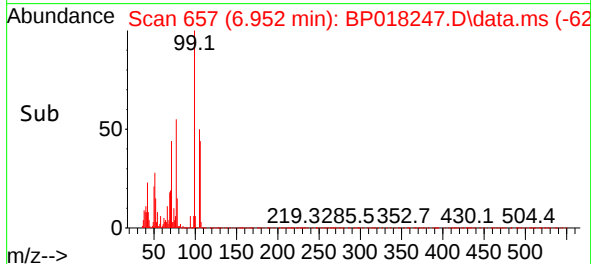
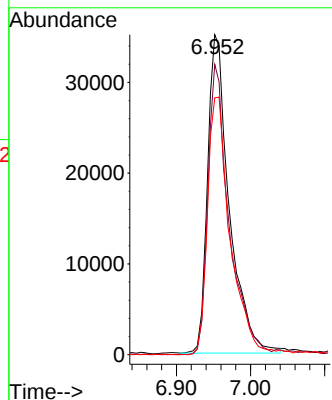
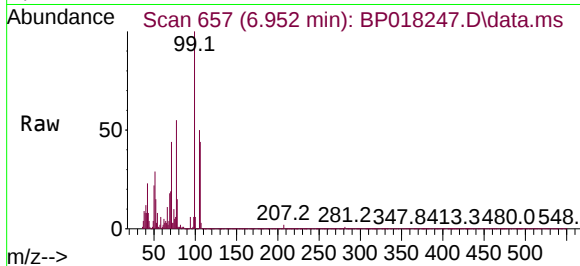




#6
Benzaldehyde
Concen: 21.139 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

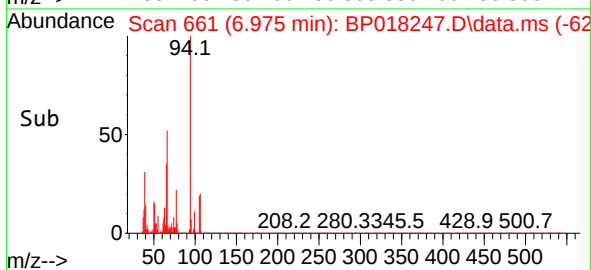
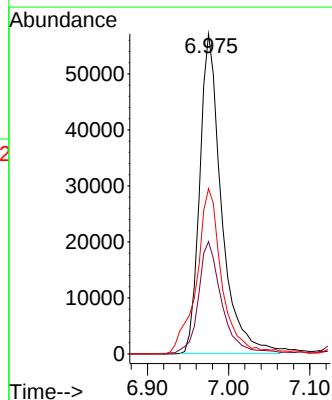
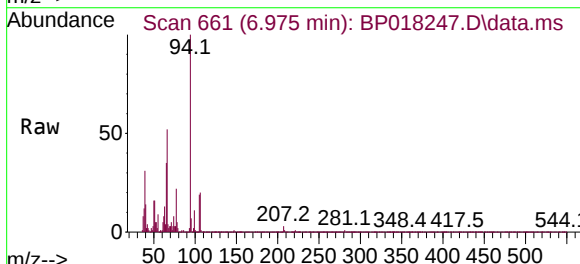
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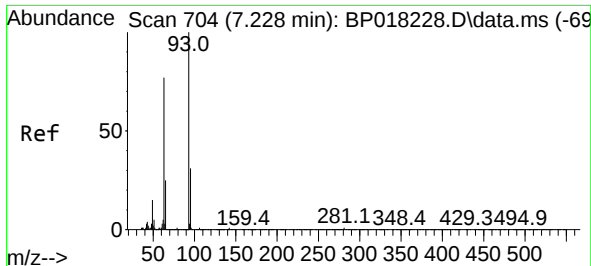
Tgt Ion: 77 Resp: 71517
Ion Ratio Lower Upper
77 100
105 90.7 72.7 109.1
106 80.2 67.5 101.3



#8
Phenol
Concen: 17.165 ng/ul
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion: 94 Resp: 106371
Ion Ratio Lower Upper
94 100
65 35.1 28.2 42.2
66 51.7 40.3 60.5

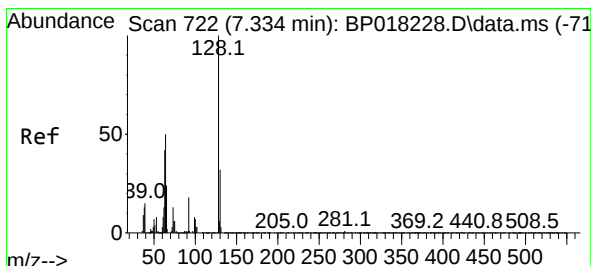
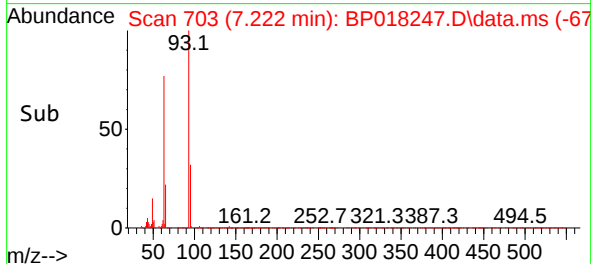
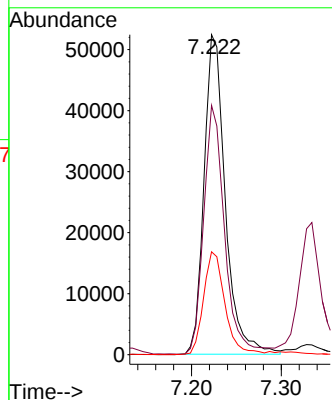
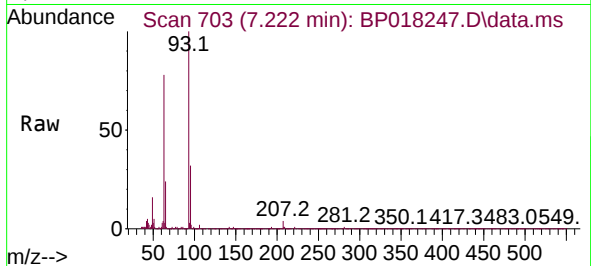




#10
Bis(2-Chloroethyl)ether
Concen: 17.970 ng/ul
RT: 7.222 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

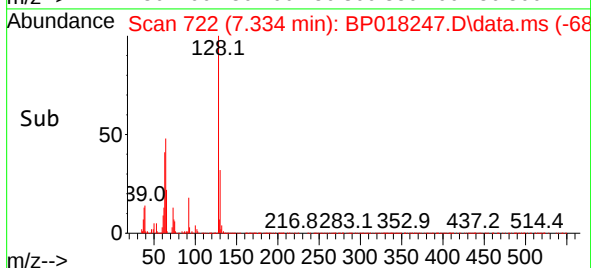
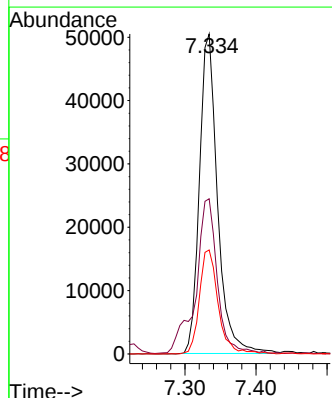
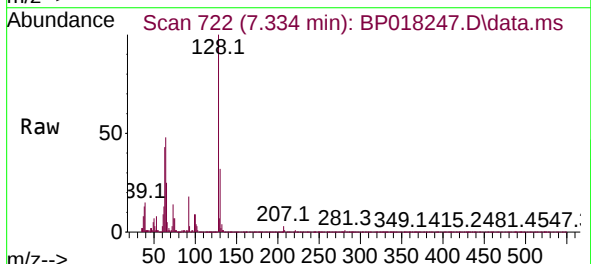
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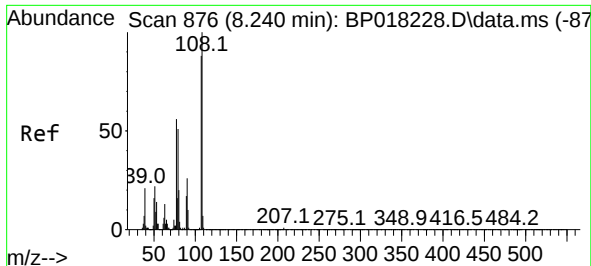
Tgt Ion: 93 Resp: 86392
Ion Ratio Lower Upper
93 100
63 77.9 57.8 86.6
95 32.2 25.5 38.3



#12
2-Chlorophenol
Concen: 17.958 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:128 Resp: 89696
Ion Ratio Lower Upper
128 100
64 48.5 39.2 58.8
130 32.5 26.6 40.0





#13

2-Methylphenol

Concen: 17.363 ng/ul

RT: 8.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

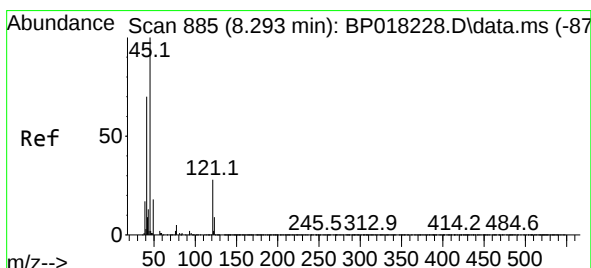
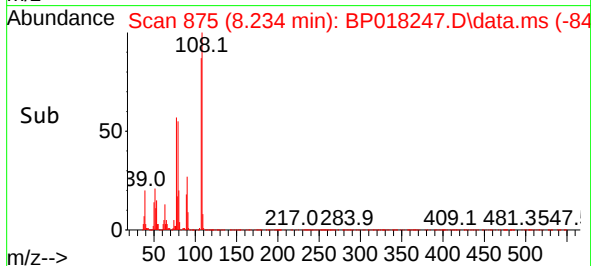
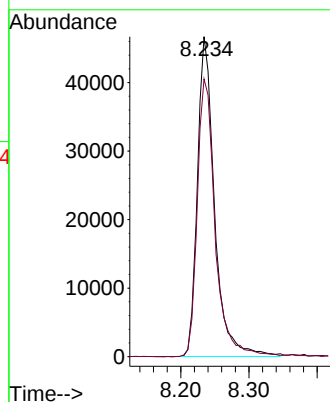
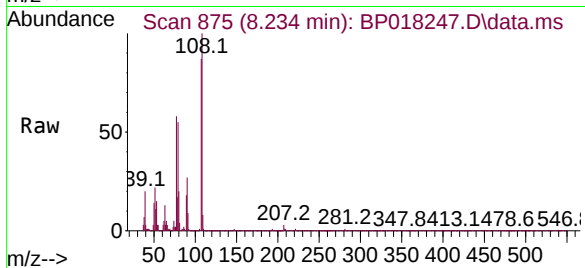
ClientSampleId :

Tgt Ion:108 Resp: 81297

Ion Ratio Lower Upper

108 100

107 86.8 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 9.876 ng/ul

RT: 8.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BP018247.D

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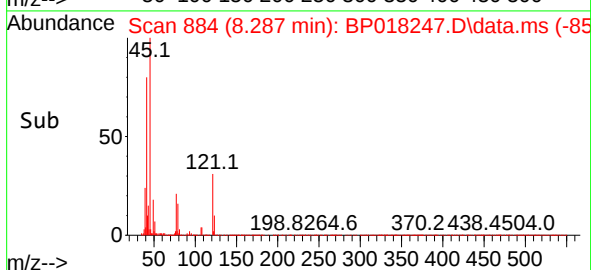
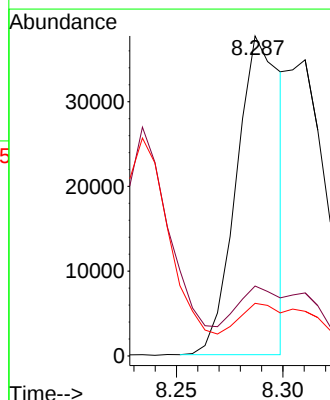
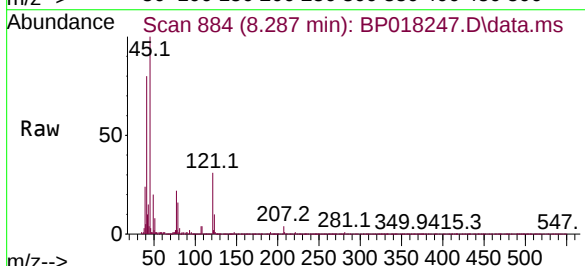
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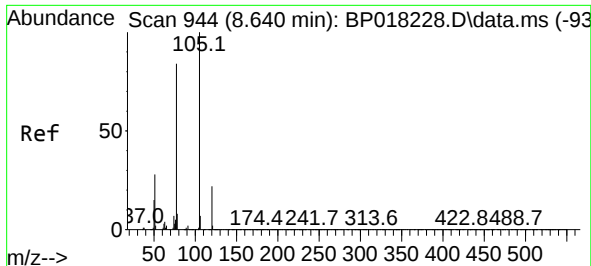
Ion Ratio Lower Upper

45 100

77 21.8 16.1 24.1

79 16.4 11.1 16.7

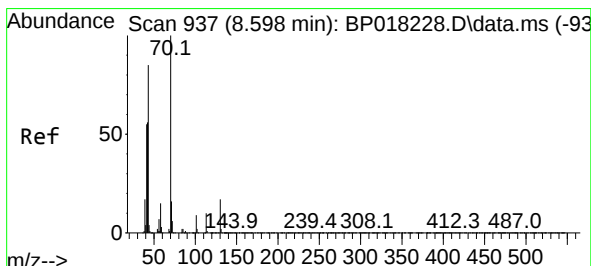
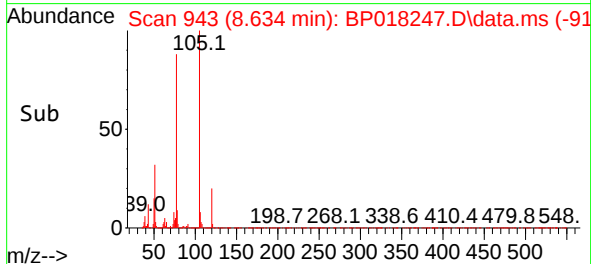
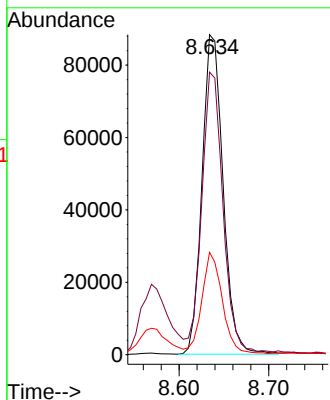
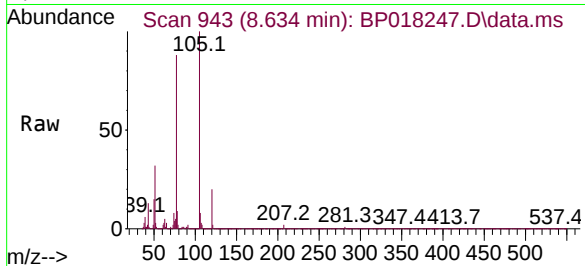




#16
Acetophenone
Concen: 17.586 ng/ul
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018247.D
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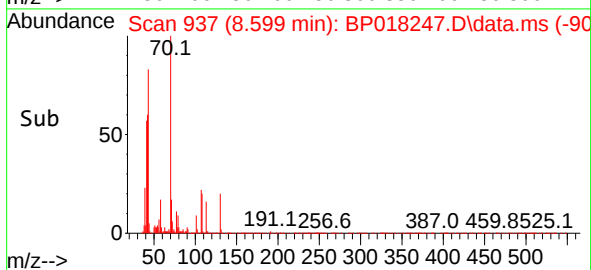
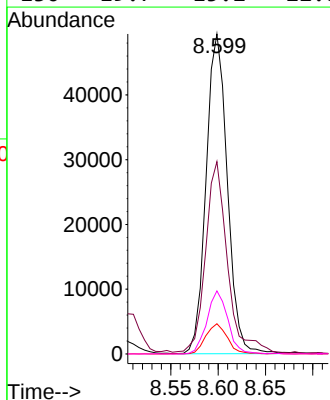
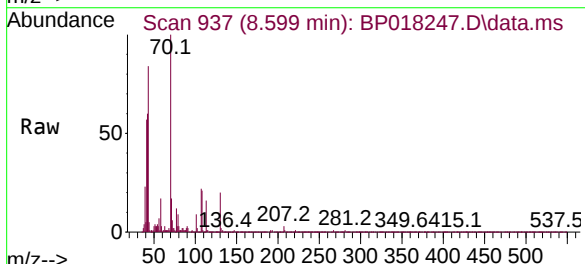
Instrument :
BNA_M
ClientSampleId :

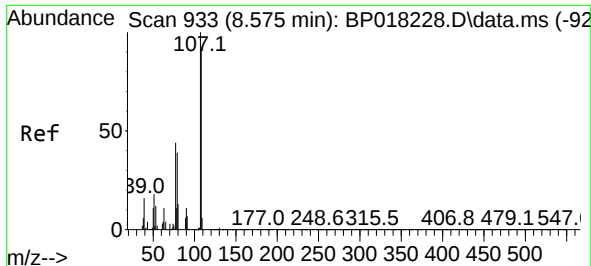
Tgt Ion:105 Resp: 143893
Ion Ratio Lower Upper
105 100
77 88.3 70.1 105.1
51 32.0 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 17.228 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

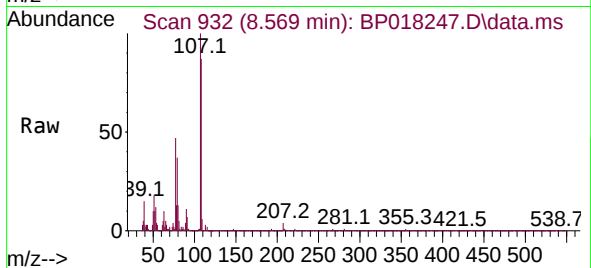
Tgt Ion: 70 Resp: 76962
Ion Ratio Lower Upper
70 100
42 60.1 43.7 65.5
101 9.4 8.2 12.4
130 19.7 15.2 22.8



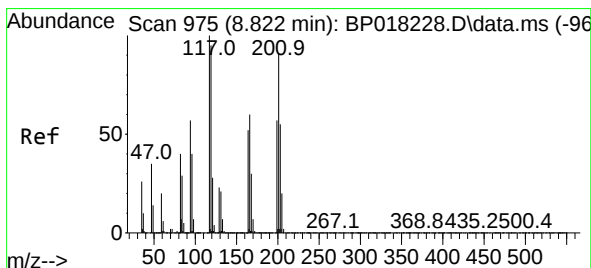
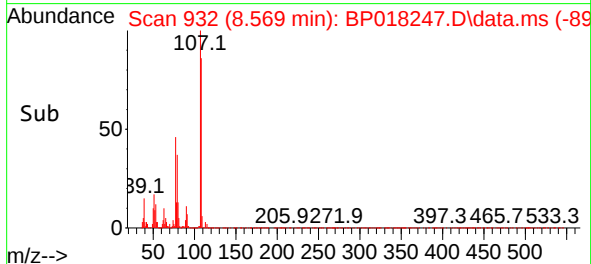
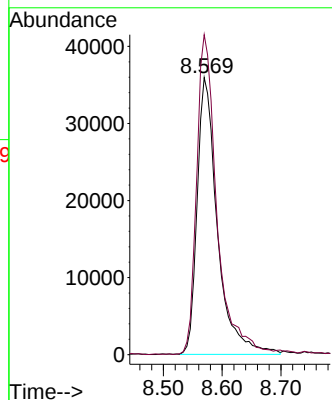


#18
4-Methylphenol
Concen: 16.861 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Instrument :
BNA_M
ClientSampleId :

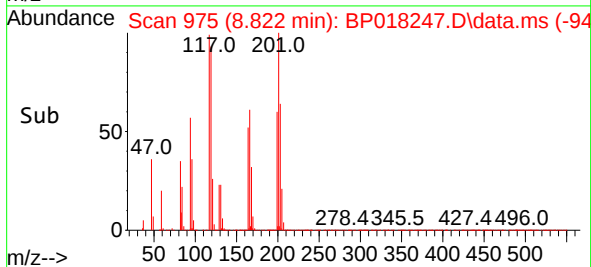
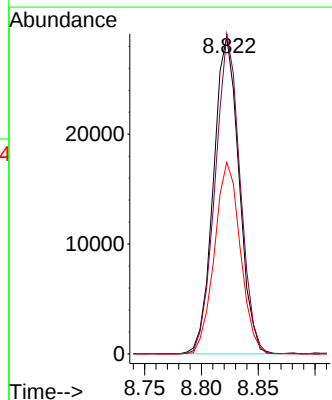
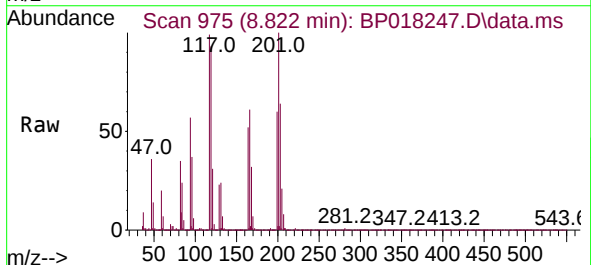


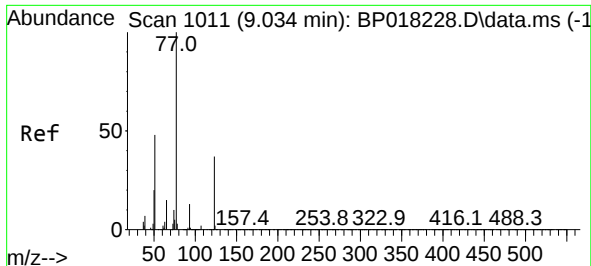
Tgt Ion:108 Resp: 86096
Ion Ratio Lower Upper
108 100
107 115.5 88.2 132.4



#19
Hexachloroethane
Concen: 18.865 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:117 Resp: 45081
Ion Ratio Lower Upper
117 100
201 100.9 84.8 127.2
199 60.4 49.0 73.4

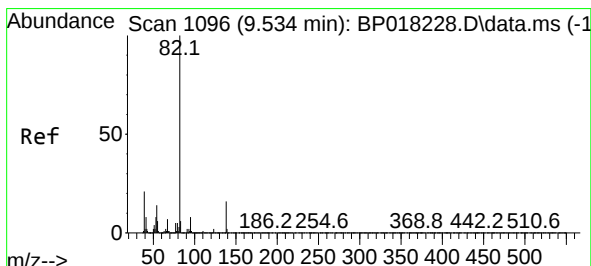
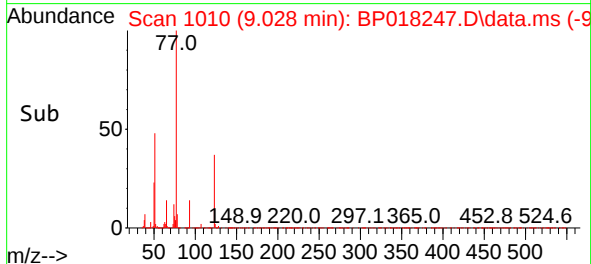
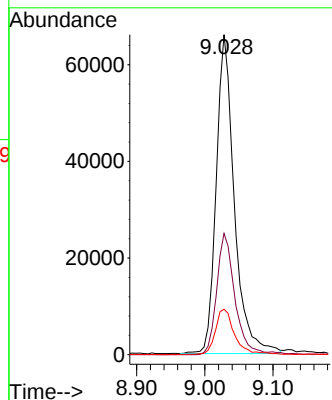
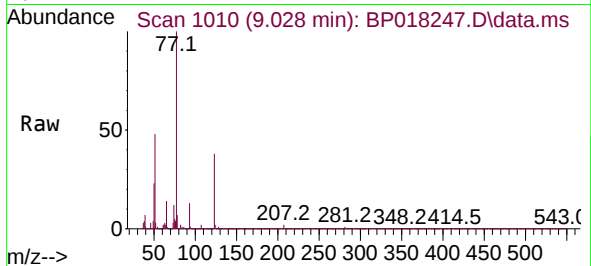




#22
Nitrobenzene
Concen: 19.359 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

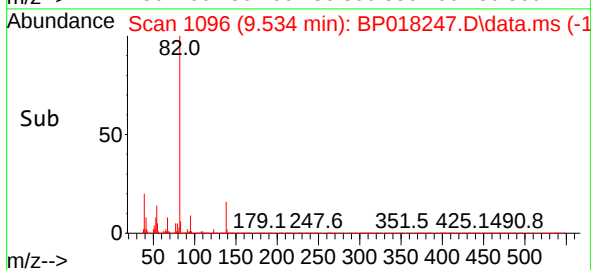
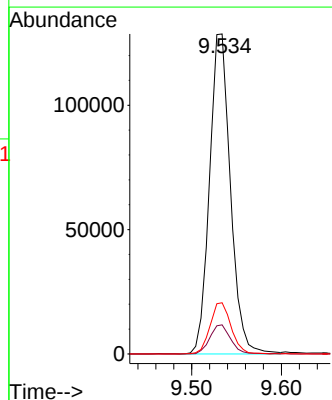
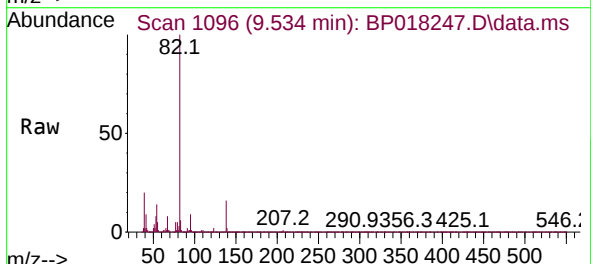
Instrument :
BNA_M
ClientSampleId :

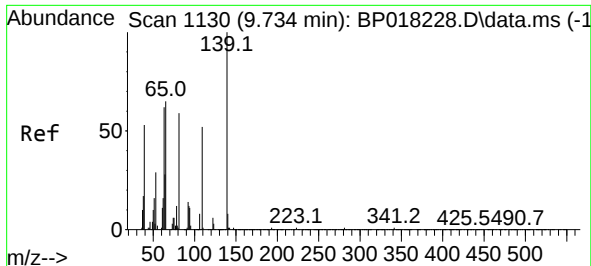
Tgt Ion: 77 Resp: 122170
Ion Ratio Lower Upper
77 100
123 37.9 27.8 41.8
65 14.2 11.5 17.3



#23
Isophorone
Concen: 18.135 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion: 82 Resp: 208844
Ion Ratio Lower Upper
82 100
95 9.1 6.6 9.8
138 16.0 13.1 19.7





#25

2-Nitrophenol

Concen: 18.620 ng/ul

RT: 9.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP018247.D

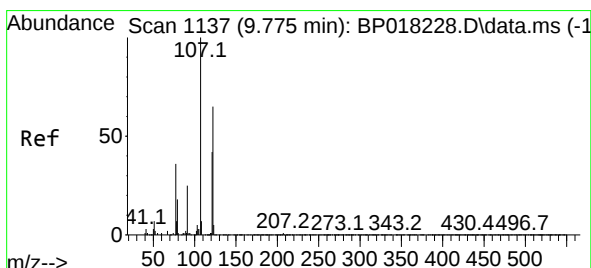
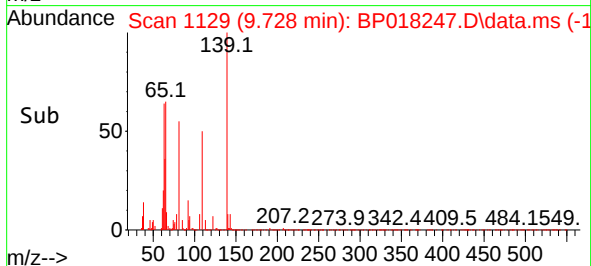
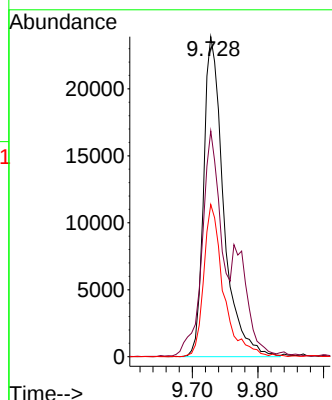
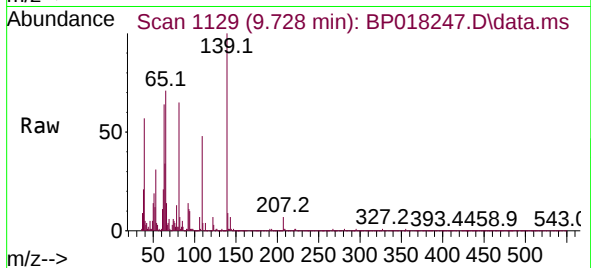
Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:139	Resp:	50664
Ion Ratio	Lower	Upper
139	100	
65	70.6	51.4 77.0
109	47.5	33.1 49.7



#26

2,4-Dimethylphenol

Concen: 18.048 ng/ul

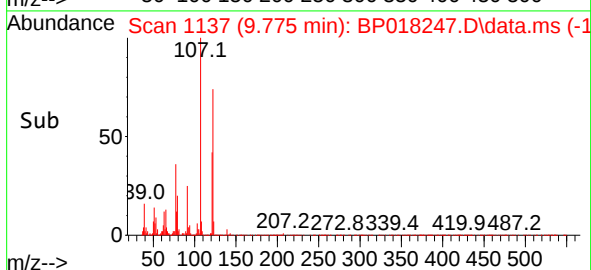
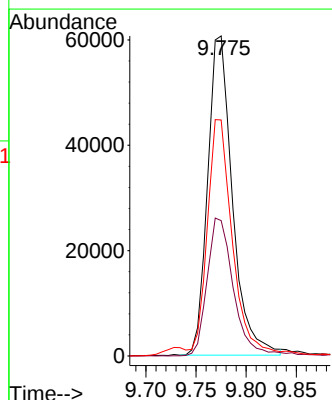
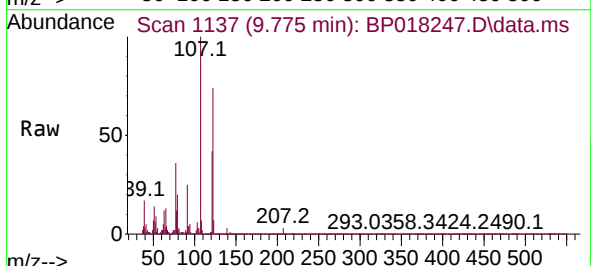
RT: 9.775 min Scan# 1137

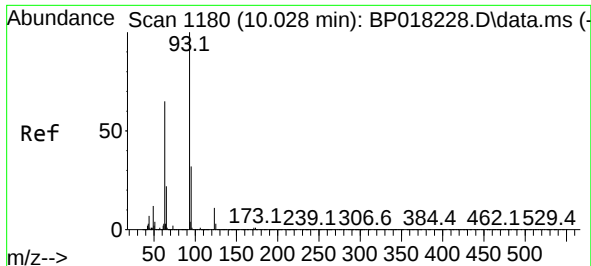
Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Tgt Ion:107	Resp:	104463
Ion Ratio	Lower	Upper
107	100	
121	42.3	37.8 56.8
122	73.8	62.1 93.1

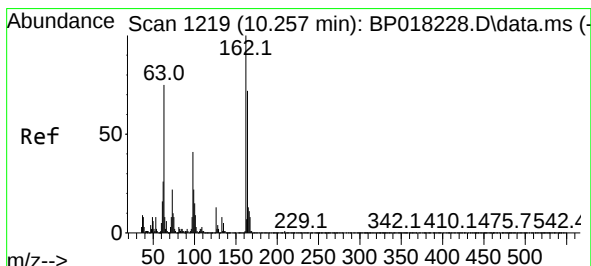
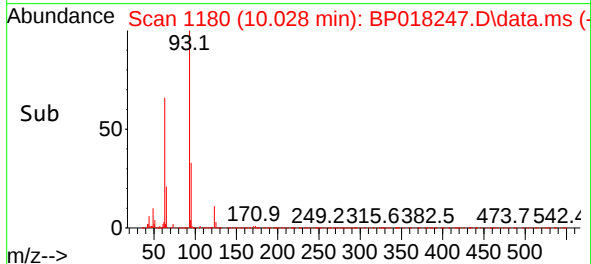
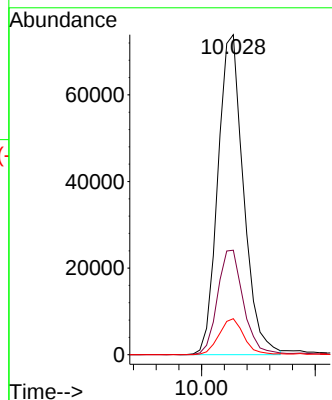
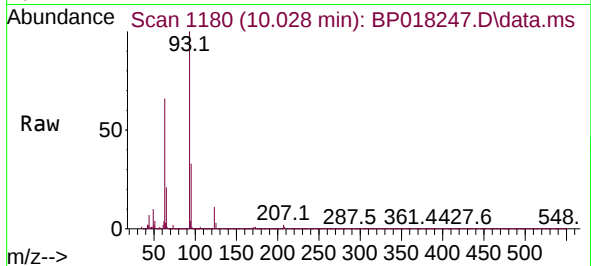




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.409 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BP018247.D
 Acq: 18 Nov 2023 07:02

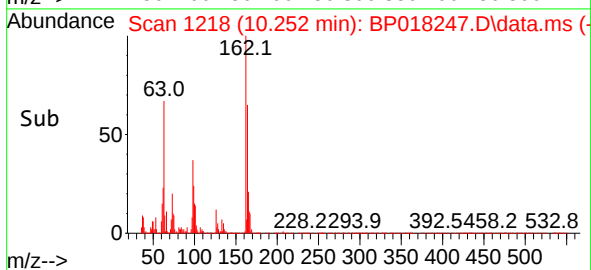
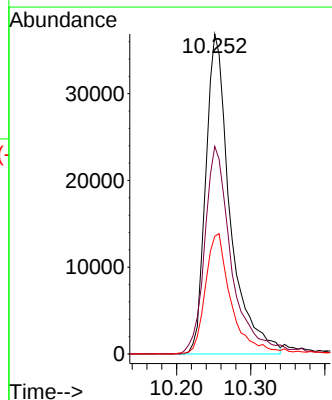
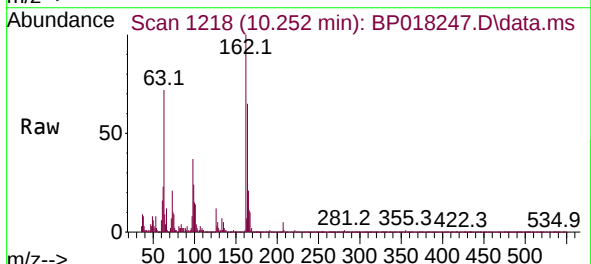
Instrument :
 BNA_M
 ClientSampleId :

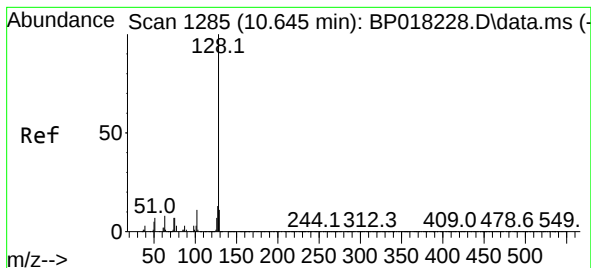
Tgt Ion: 93 Resp: 115602
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.2
 123 11.3 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 18.648 ng/ul
 RT: 10.252 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BP018247.D
 Acq: 18 Nov 2023 07:02

Tgt Ion: 162 Resp: 84037
 Ion Ratio Lower Upper
 162 100
 164 64.9 51.8 77.6
 98 36.7 28.7 43.1





#30

Naphthalene

Concen: 18.851 ng/ul

RT: 10.646 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

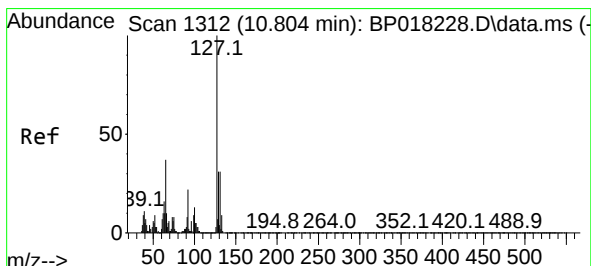
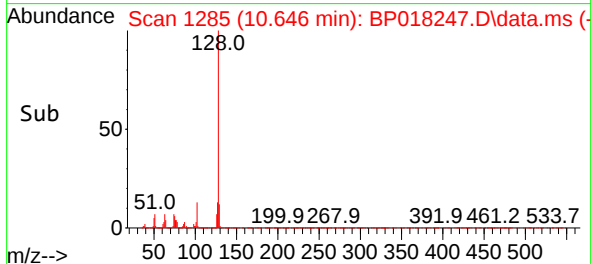
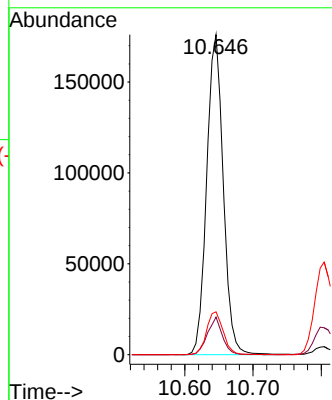
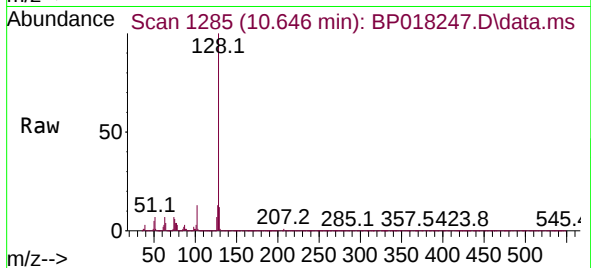
Tgt Ion:128 Resp: 297404

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

127 13.4 10.3 15.5



#32

4-Chloroaniline

Concen: 18.264 ng/ul

RT: 10.804 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BP018247.D

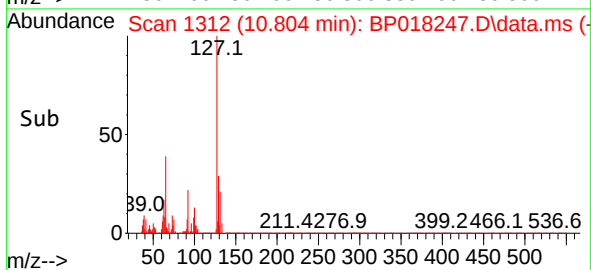
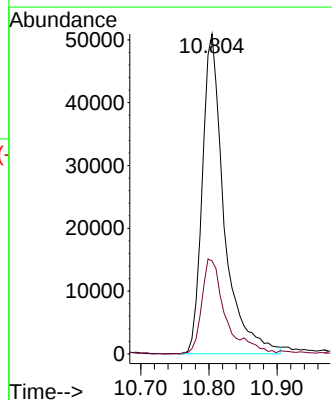
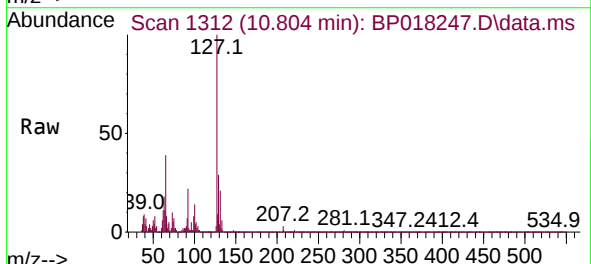
Acq: 18 Nov 2023 07:02

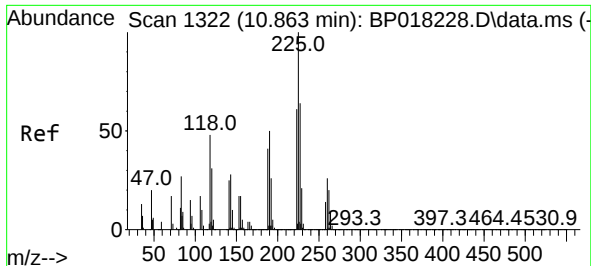
Tgt Ion:127 Resp: 113223

Ion Ratio Lower Upper

127 100

129 29.1 26.1 39.1

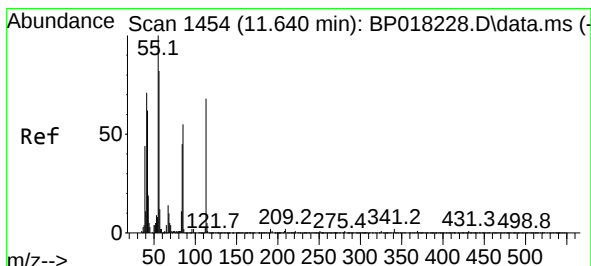
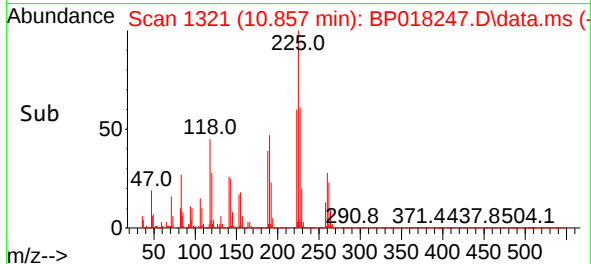
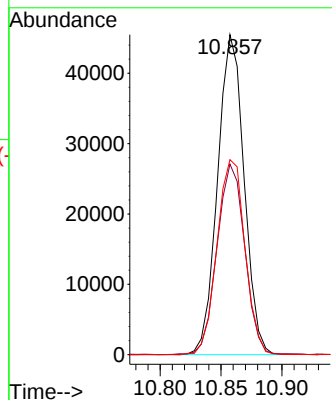
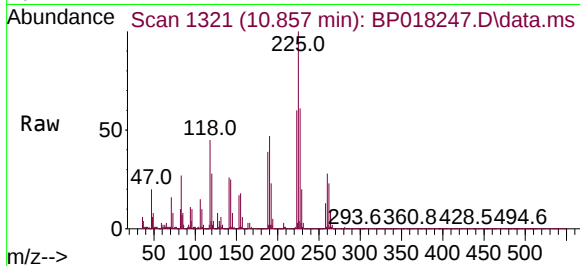




#33
Hexachlorobutadiene
Concen: 20.796 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

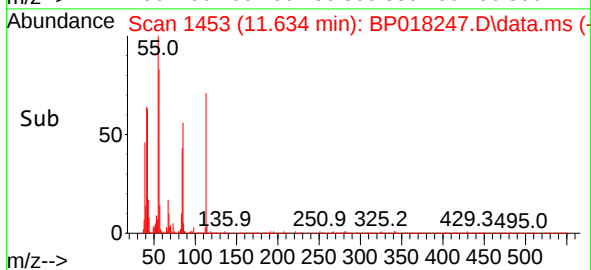
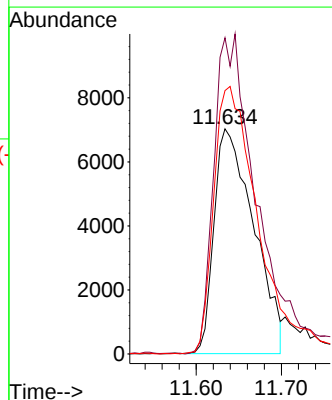
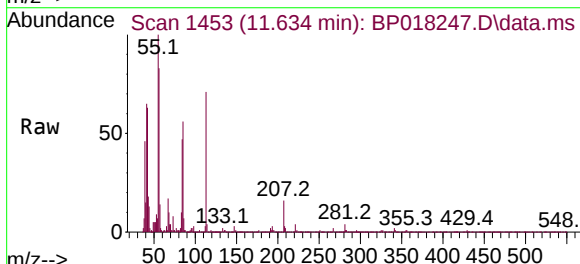
Instrument :
BNA_M
ClientSampleId :

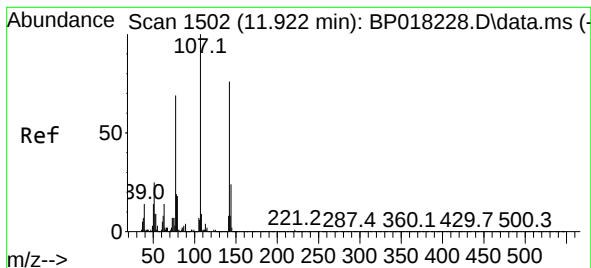
Tgt Ion:225 Resp: 68801
Ion Ratio Lower Upper
225 100
223 59.5 52.5 78.7
227 61.0 51.9 77.9



#34
Caprolactam
Concen: 15.174 ng/ul
RT: 11.634 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:113 Resp: 22717
Ion Ratio Lower Upper
113 100
55 140.4 118.3 177.5
56 117.0 95.6 143.4

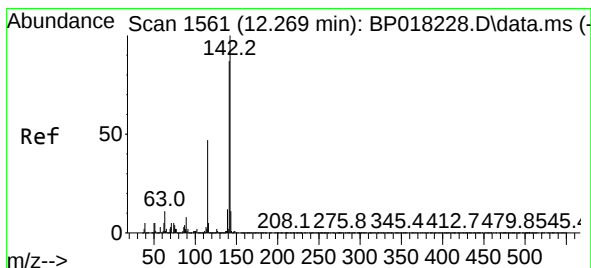
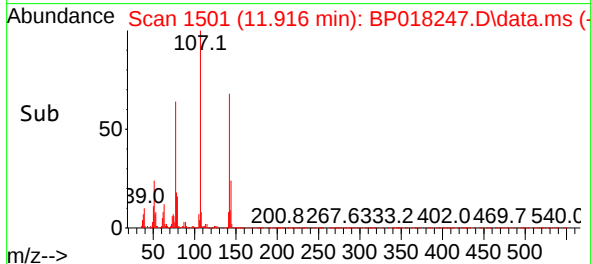
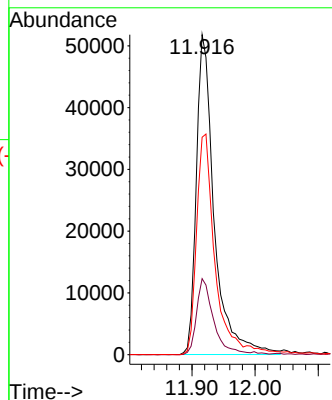
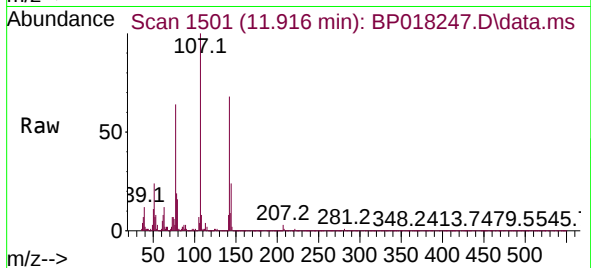




#35
4-Chloro-3-methylphenol
Concen: 18.804 ng/ul
RT: 11.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

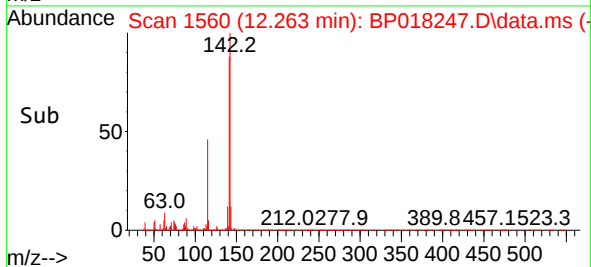
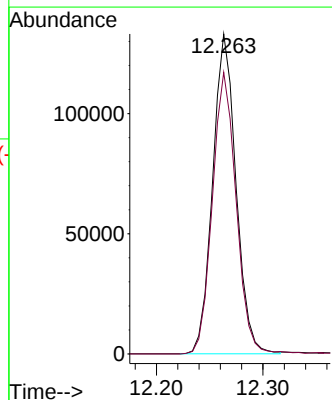
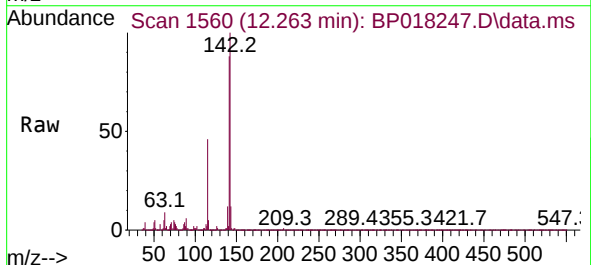
Instrument :
BNA_M
ClientSampleId :

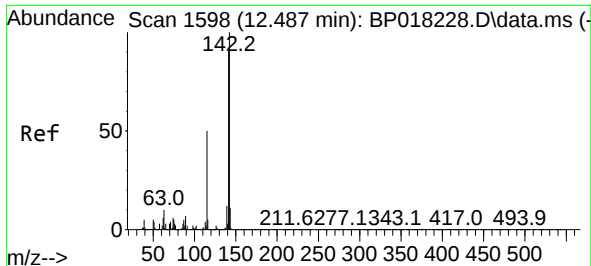
Tgt Ion:107 Resp: 101951
Ion Ratio Lower Upper
107 100
144 23.7 19.1 28.7
142 68.0 54.8 82.2



#36
2-Methylnaphthalene
Concen: 18.676 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:142 Resp: 202284
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5





#37

1-Methylnaphthalene

Concen: 18.583 ng/ul

RT: 12.481 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

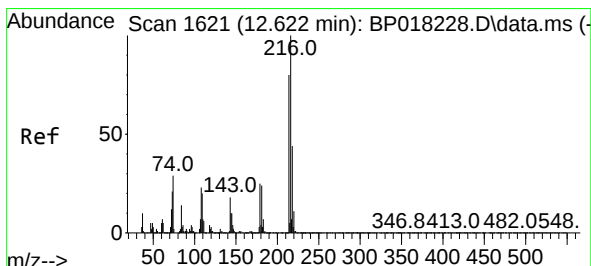
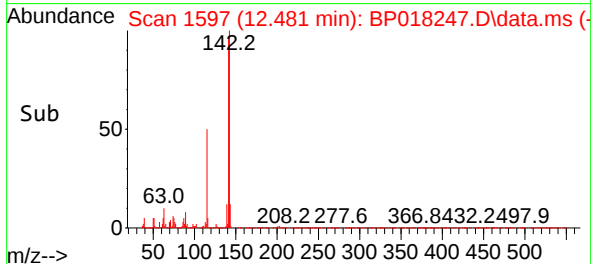
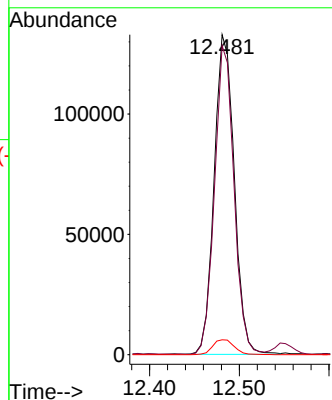
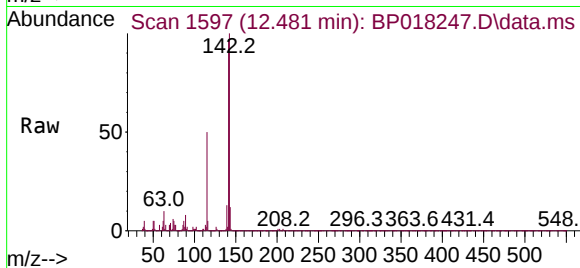
Tgt Ion:142 Resp: 206832

Ion Ratio Lower Upper

142 100

141 96.5 72.8 109.2

116 4.7 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 17.972 ng/ul

RT: 12.616 min Scan# 1620

Delta R.T. -0.012 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Tgt Ion:216 Resp: 113718

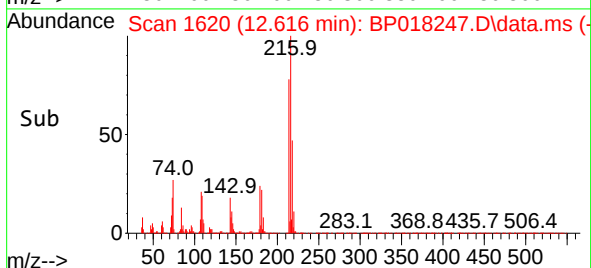
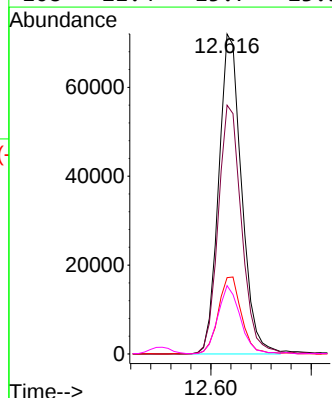
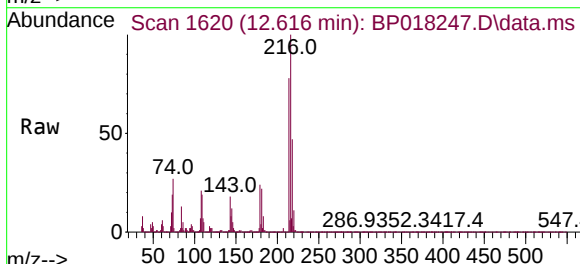
Ion Ratio Lower Upper

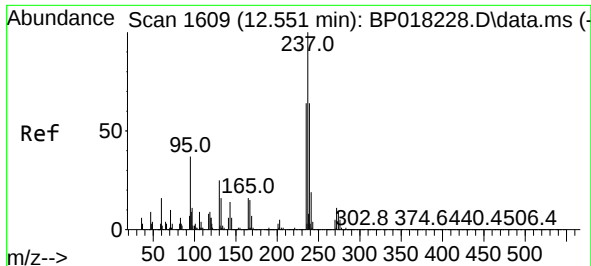
216 100

214 77.8 64.8 97.2

179 23.9 18.3 27.5

108 21.4 15.7 23.5

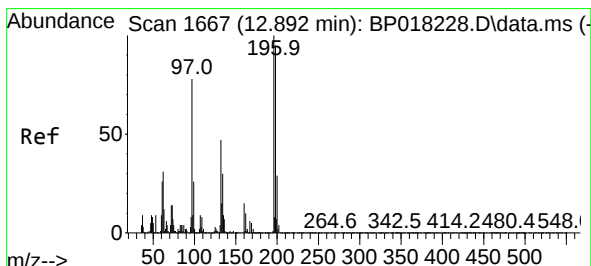
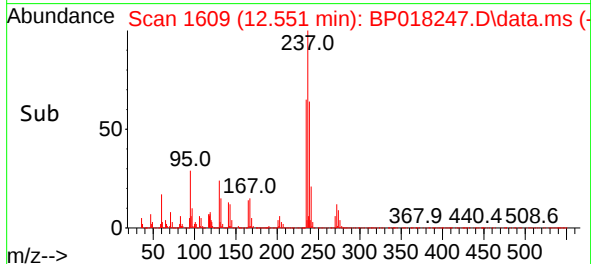
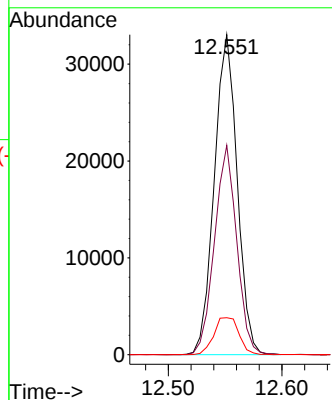
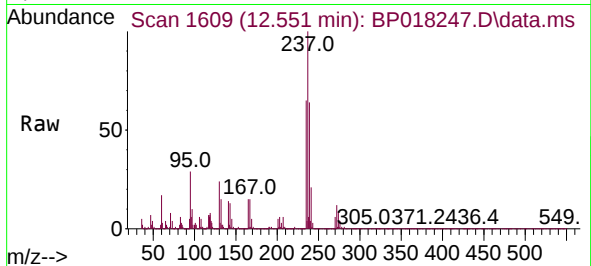




#40
Hexachlorocyclopentadiene
Concen: 15.155 ng/ul
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

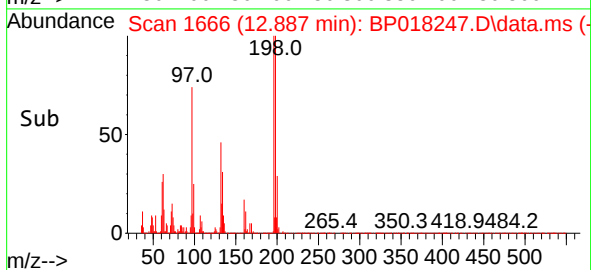
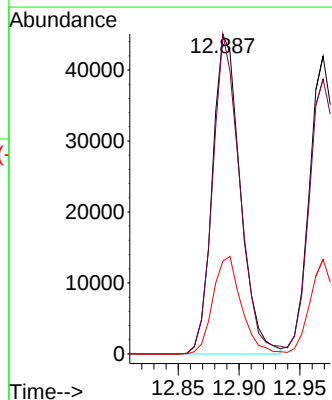
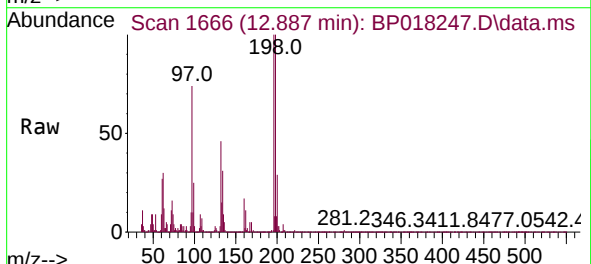
Instrument :
BNA_M
ClientSampleId :

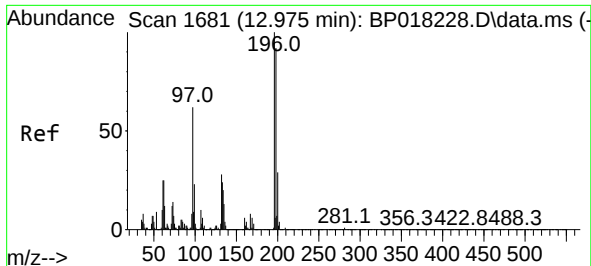
Tgt Ion:237 Resp: 46288
Ion Ratio Lower Upper
237 100
235 65.4 49.9 74.9
272 11.6 8.9 13.3



#41
2,4,6-Trichlorophenol
Concen: 17.263 ng/ul
RT: 12.887 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:196 Resp: 71657
Ion Ratio Lower Upper
196 100
198 100.3 78.9 118.3
200 29.1 25.8 38.8

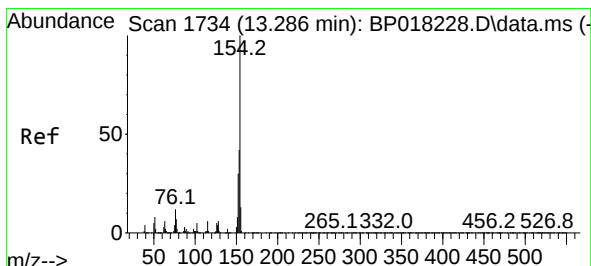
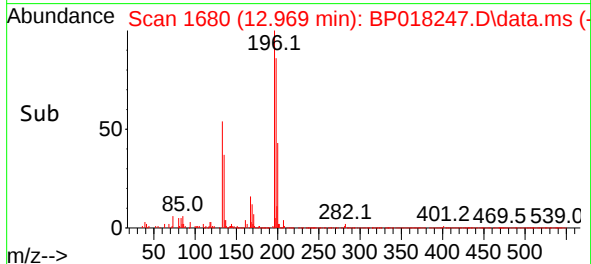
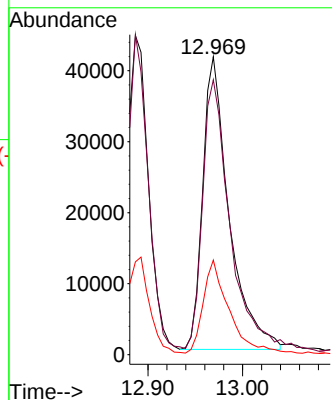
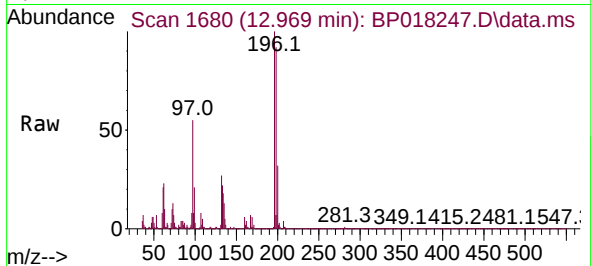




#42
2,4,5-Trichlorophenol
Concen: 18.274 ng/ul
RT: 12.969 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

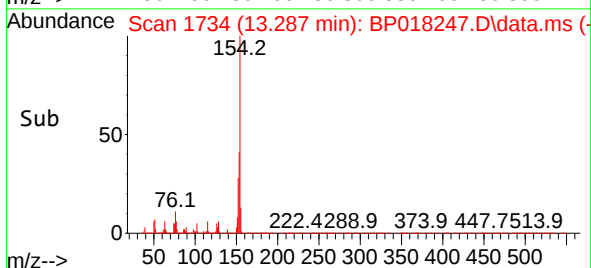
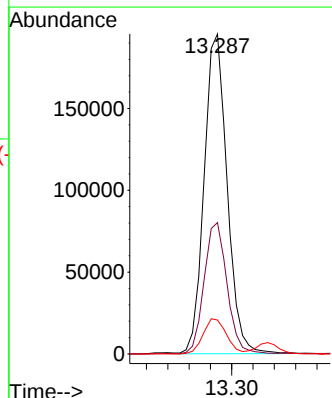
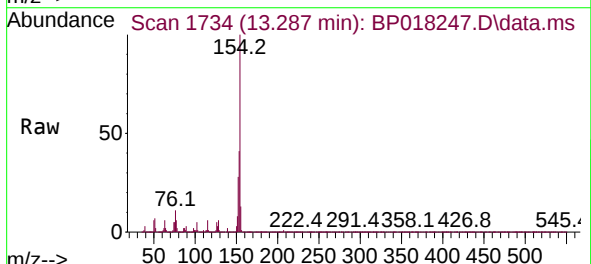
Instrument :
BNA_M
ClientSampleId :

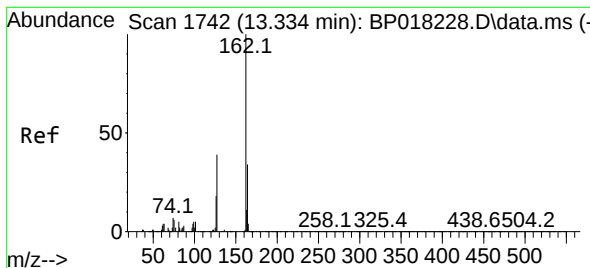
Tgt Ion:196 Resp: 79831
Ion Ratio Lower Upper
196 100
198 92.3 78.9 118.3
200 31.8 26.6 40.0



#43
1,1'-Biphenyl
Concen: 18.374 ng/ul
RT: 13.287 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:154 Resp: 292641
Ion Ratio Lower Upper
154 100
153 41.0 32.4 48.6
76 10.6 9.8 14.8

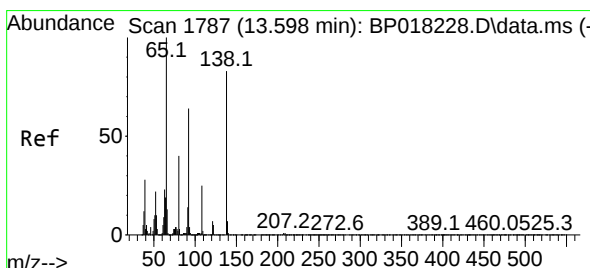
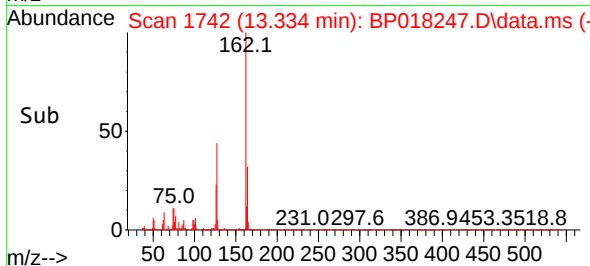
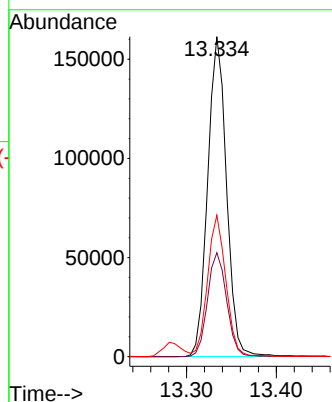
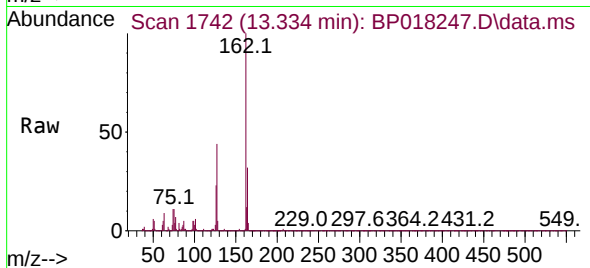




#44
2-Chloronaphthalene
Concen: 18.572 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

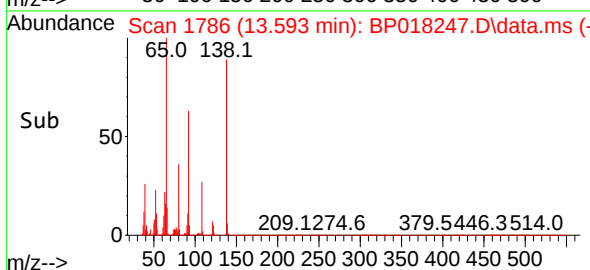
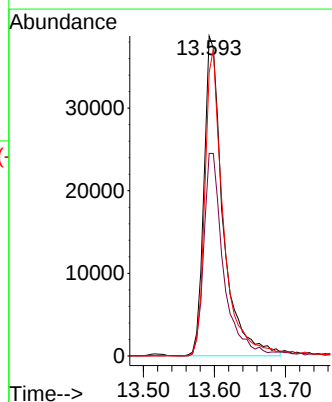
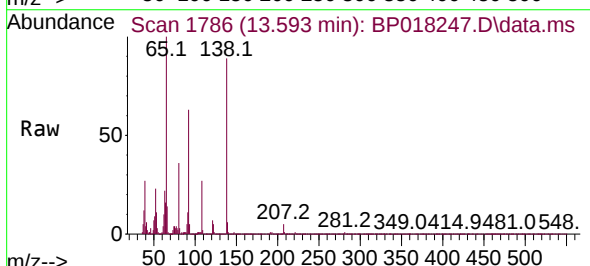
Instrument :
BNA_M
ClientSampleId :

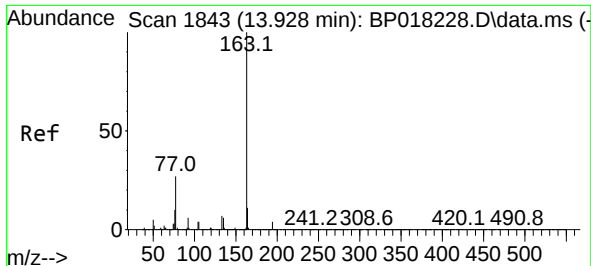
Tgt Ion:162 Resp: 234847
Ion Ratio Lower Upper
162 100
164 32.5 26.9 40.3
127 44.2 35.4 53.2



#45
2-Nitroaniline
Concen: 17.693 ng/ul
RT: 13.593 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion: 65 Resp: 72197
Ion Ratio Lower Upper
65 100
92 63.3 53.8 80.6
138 88.5 75.1 112.7

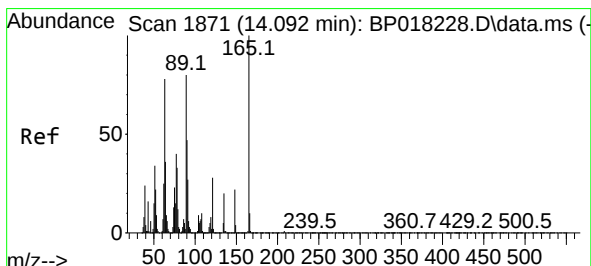
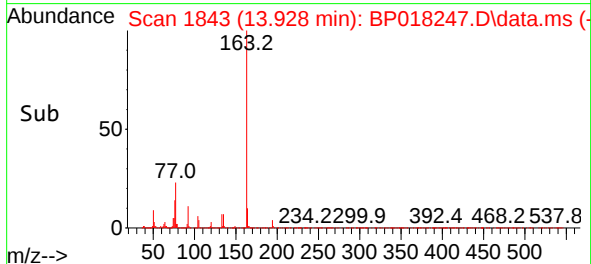
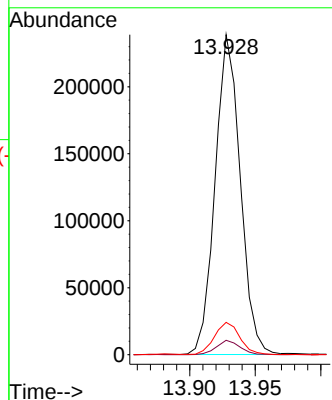
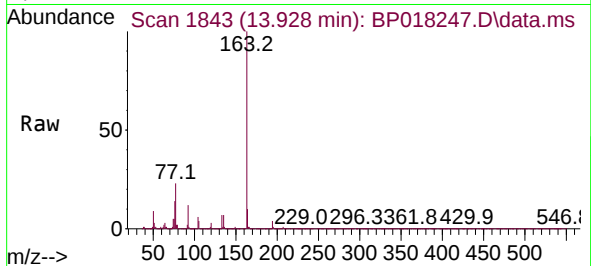




#47
Dimethylphthalate
Concen: 18.774 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

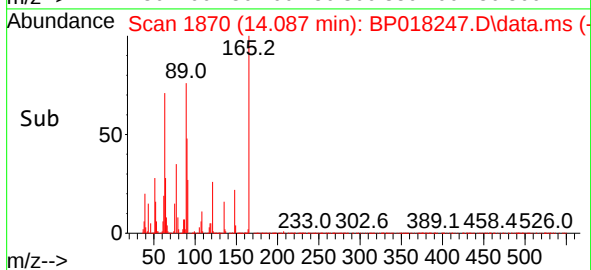
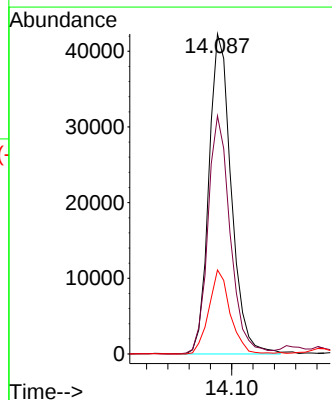
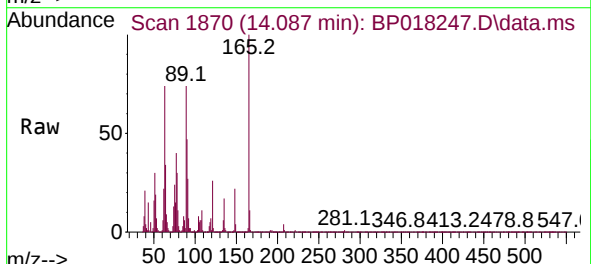
Instrument :
BNA_M
ClientSampleId :

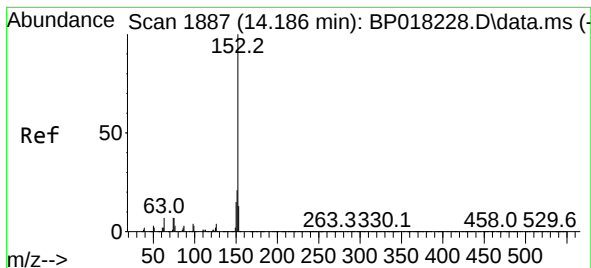
Tgt Ion:163 Resp: 318269
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 18.320 ng/ul
RT: 14.087 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:165 Resp: 61731
Ion Ratio Lower Upper
165 100
89 74.4 59.4 89.0
121 26.3 18.2 27.4





#50

Acenaphthylene

Concen: 18.313 ng/ul

RT: 14.187 min Scan# 1887

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

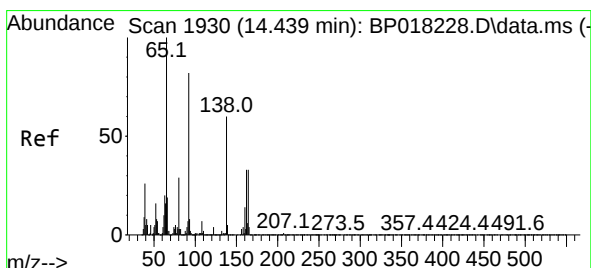
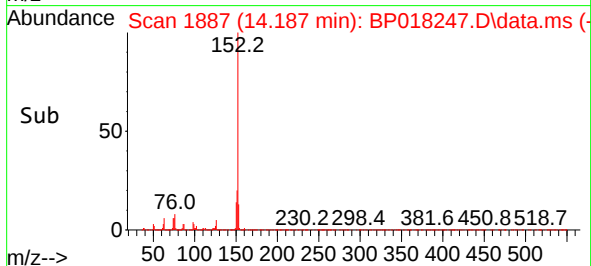
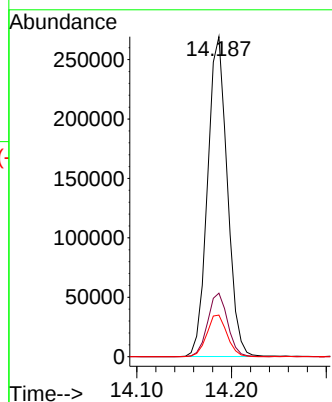
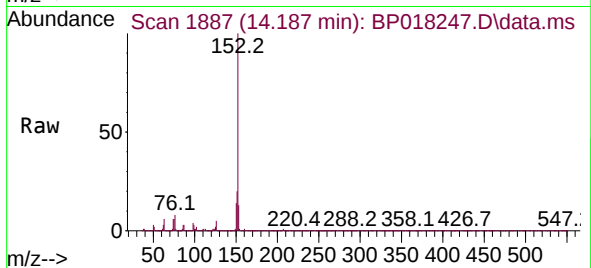
Tgt Ion:152 Resp: 389178

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.0 10.4 15.6



#51

3-Nitroaniline

Concen: 17.467 ng/ul

RT: 14.440 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

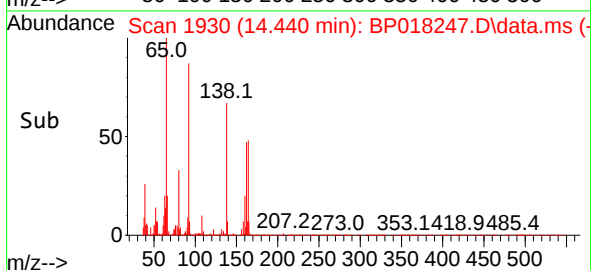
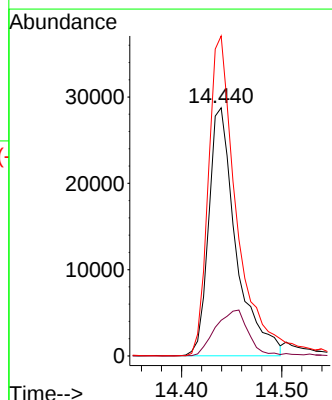
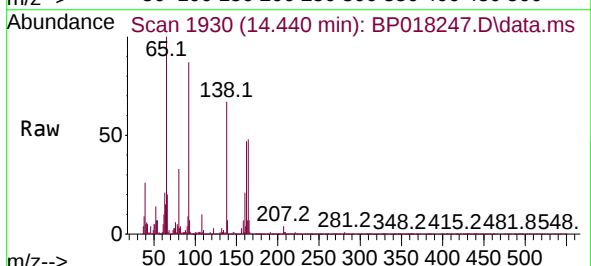
Tgt Ion:138 Resp: 54615

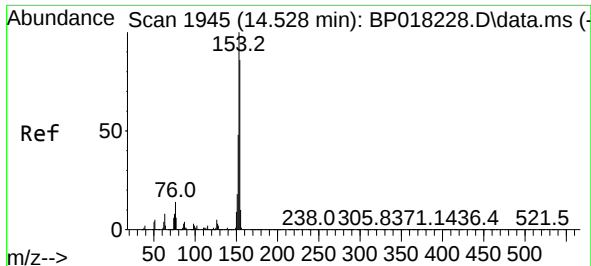
Ion Ratio Lower Upper

138 100

108 14.4 8.3 12.5

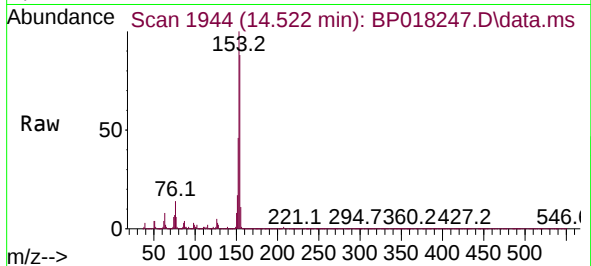
92 128.9 99.0 148.4



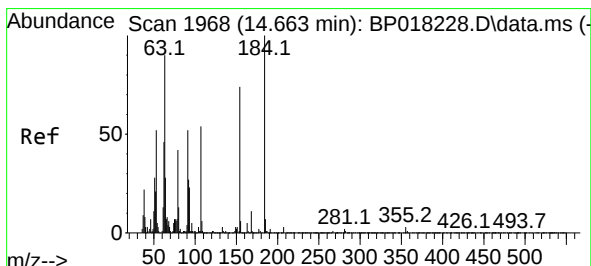
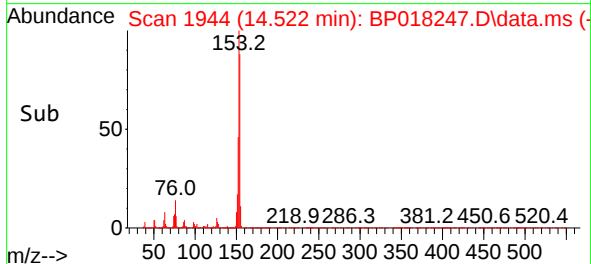
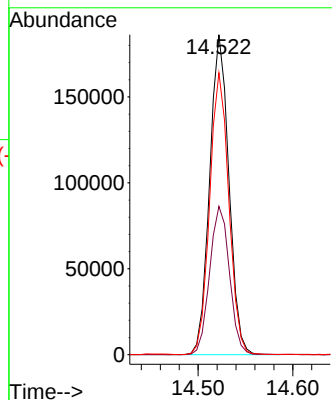


#52
Acenaphthene
Concen: 18.602 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Instrument :
BNA_M
ClientSampleId :

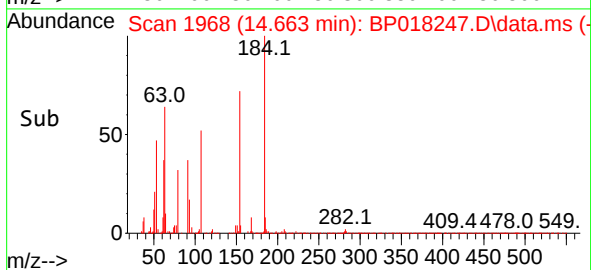
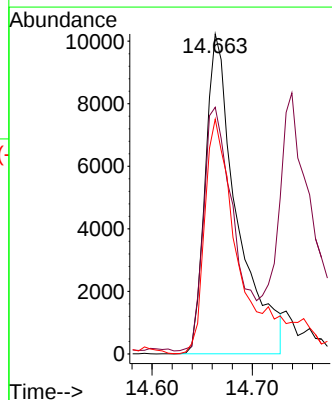
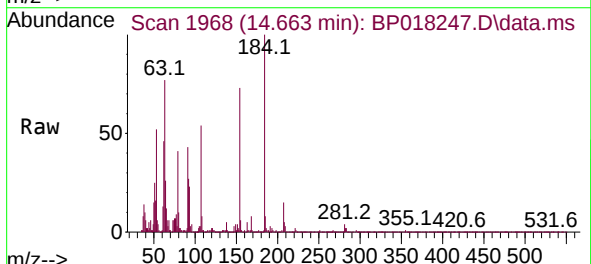


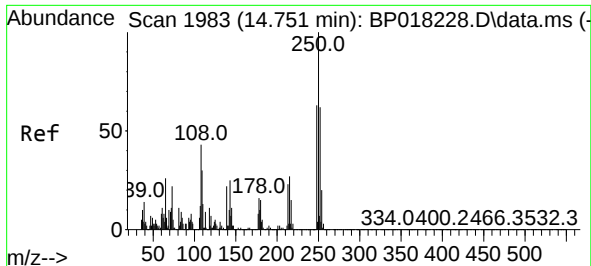
Tgt Ion:153 Resp: 262144
Ion Ratio Lower Upper
153 100
152 46.4 39.0 58.6
154 88.1 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 12.216 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:184 Resp: 22456
Ion Ratio Lower Upper
184 100
63 77.1 67.7 101.5
154 73.4 60.2 90.4

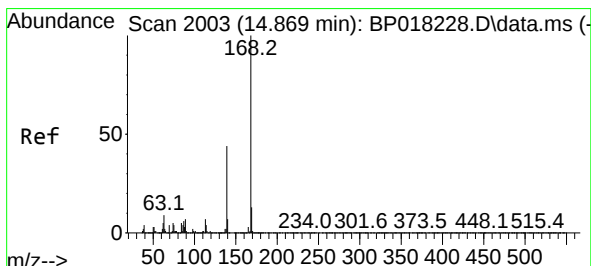
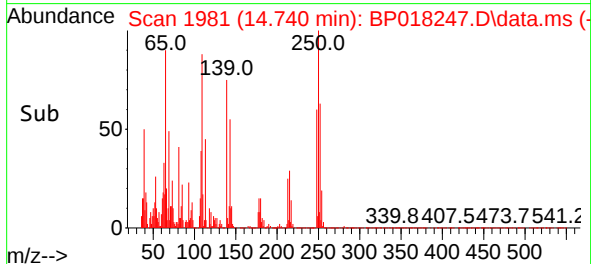
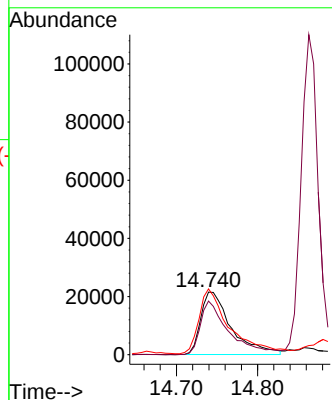
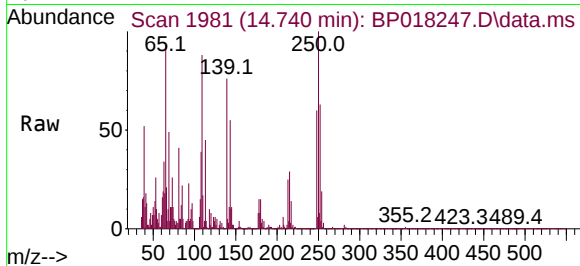




#55
4-Nitrophenol
Concen: 16.426 ng/ul
RT: 14.740 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

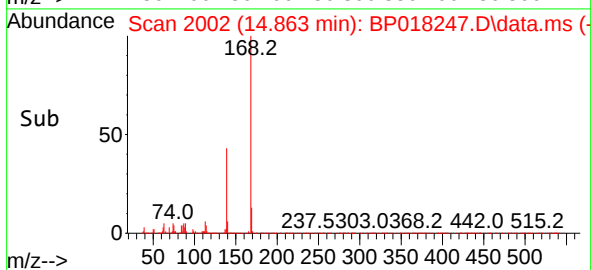
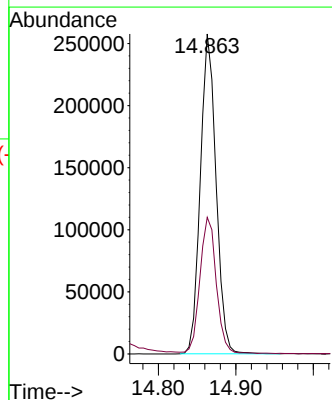
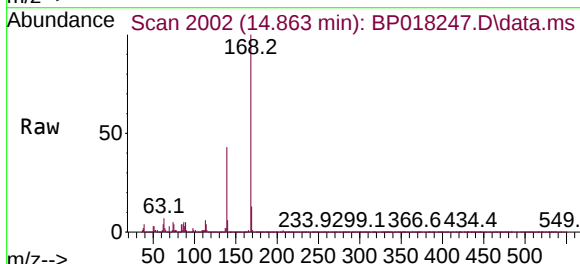
Instrument :
BNA_M
ClientSampleId :

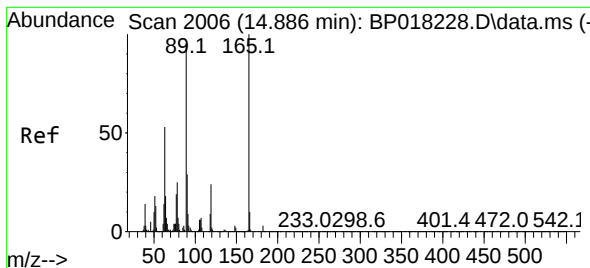
Tgt Ion:109 Resp: 56307
Ion Ratio Lower Upper
109 100
139 85.8 74.9 112.3
65 105.2 93.8 140.6



#56
Dibenzofuran
Concen: 18.786 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:168 Resp: 362788
Ion Ratio Lower Upper
168 100
139 42.7 34.0 51.0

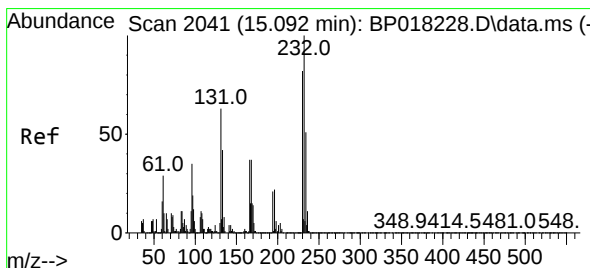
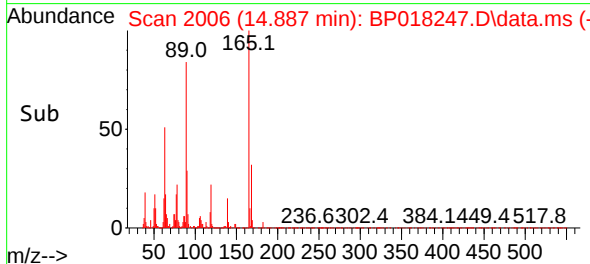
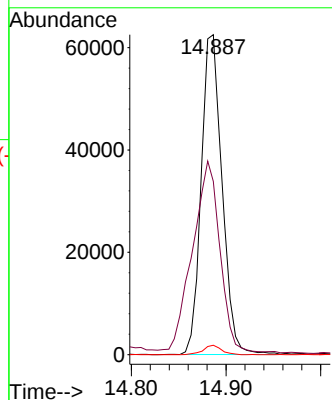
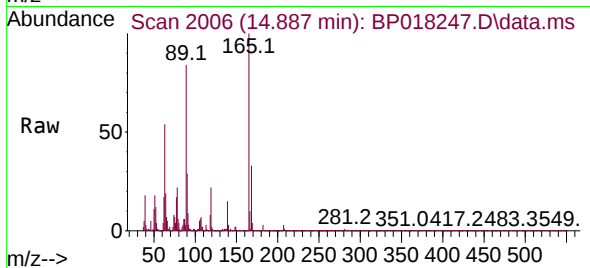




#57
2,4-Dinitrotoluene
Concen: 18.942 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

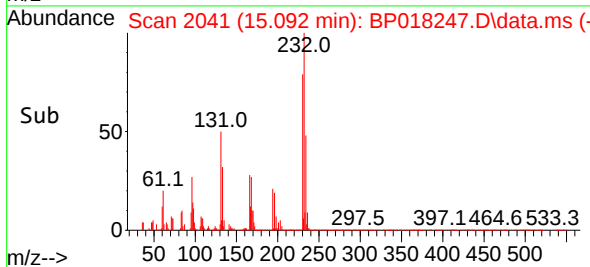
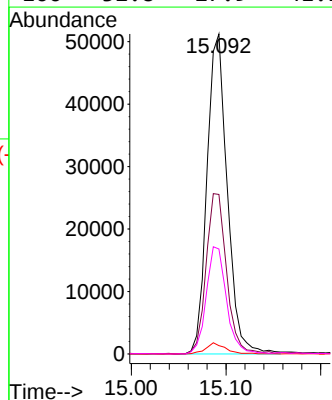
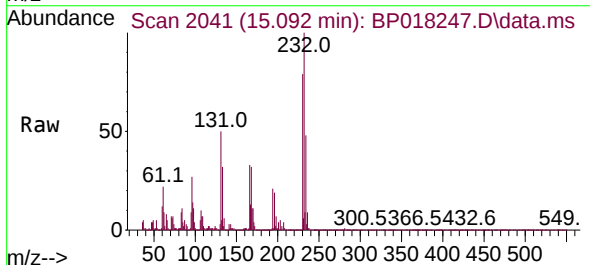
Instrument :
BNA_M
ClientSampleId :

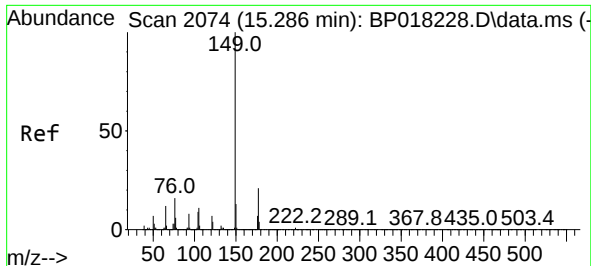
Tgt Ion:165 Resp: 95363
Ion Ratio Lower Upper
165 100
63 54.1 48.6 72.8
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.629 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:232 Resp: 76280
Ion Ratio Lower Upper
232 100
131 49.8 44.1 66.1
130 2.6 2.5 3.7
166 32.8 27.9 41.9

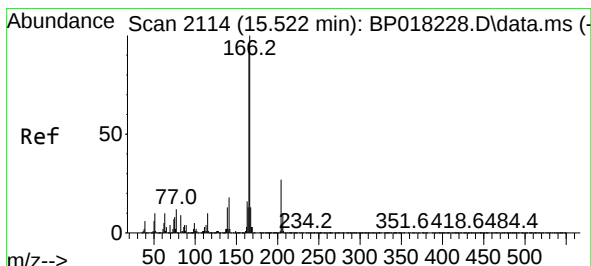
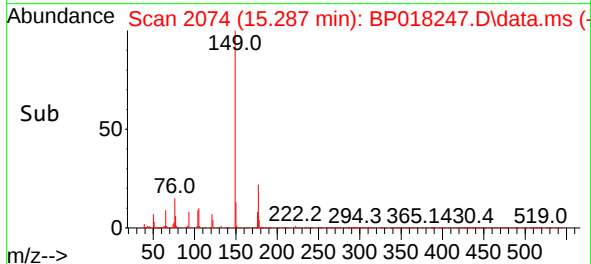
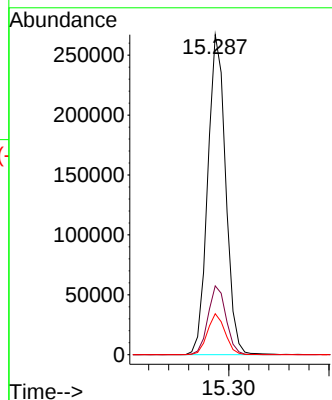
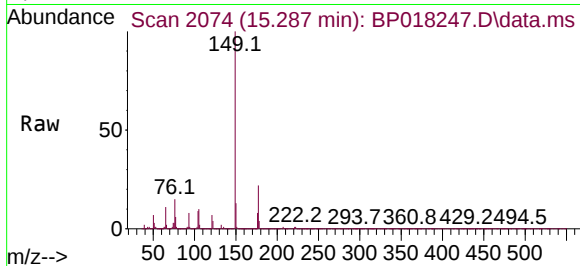




#59
Diethylphthalate
Concen: 18.752 ng/ul
RT: 15.287 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

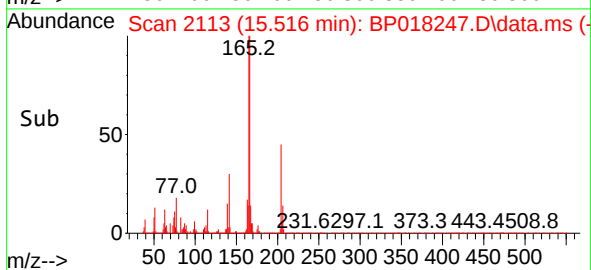
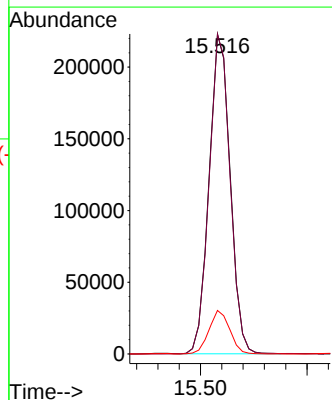
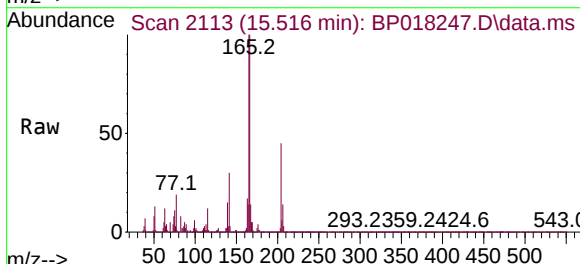
Instrument :
BNA_M
ClientSampleId :

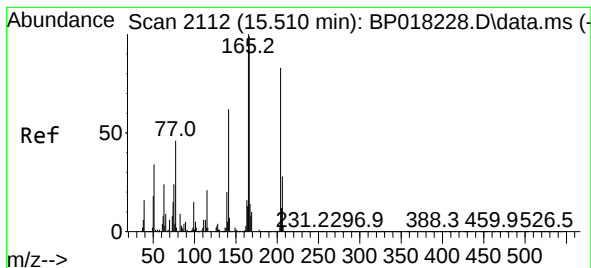
Tgt Ion:149 Resp: 332134
Ion Ratio Lower Upper
149 100
177 21.5 16.3 24.5
150 12.8 10.0 15.0



#61
Fluorene
Concen: 18.699 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:166 Resp: 306584
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 13.6 10.6 16.0

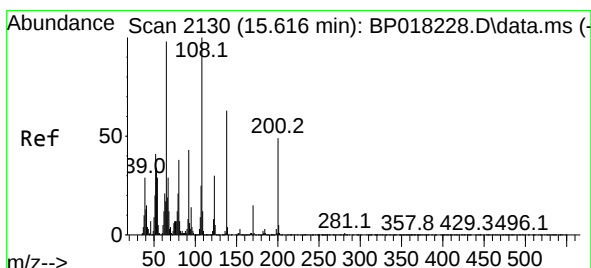
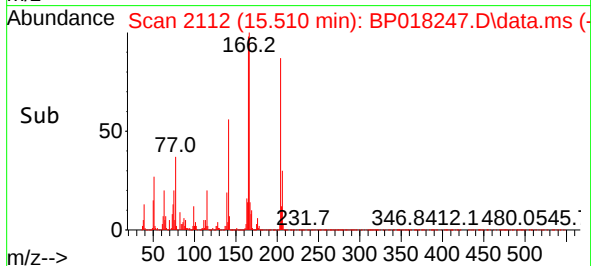
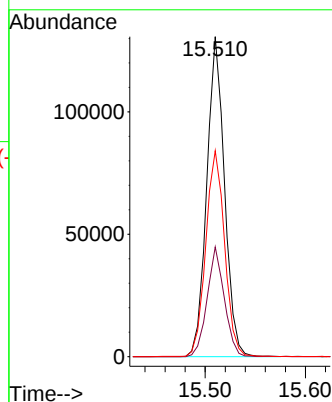
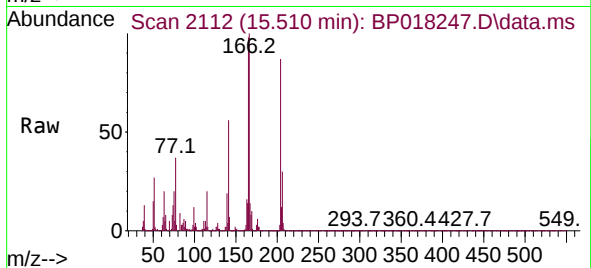




#62
4-Chlorophenyl-phenylether
Concen: 20.045 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

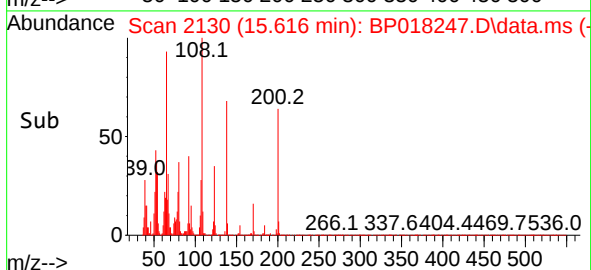
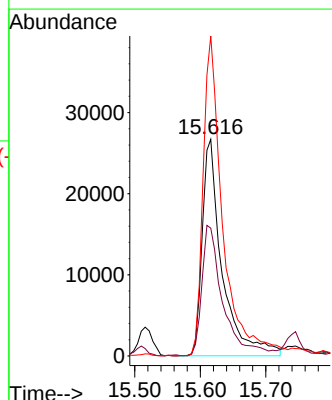
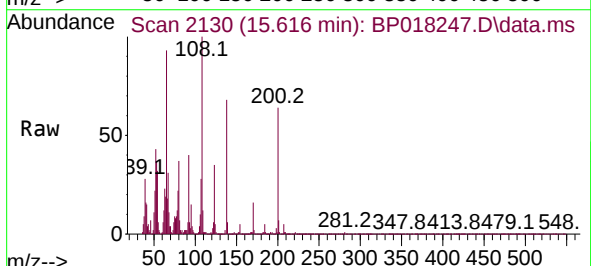
Instrument :
BNA_M
ClientSampleId :

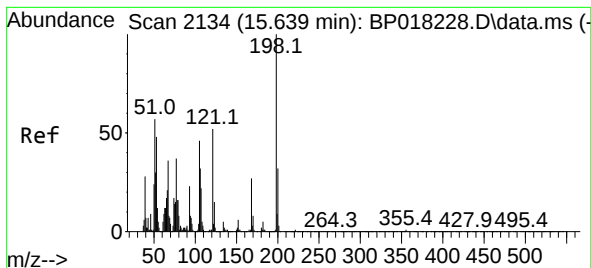
Tgt Ion:204 Resp: 161054
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 64.3 56.0 84.0



#63
4-Nitroaniline
Concen: 19.127 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:138 Resp: 56435
Ion Ratio Lower Upper
138 100
92 59.0 46.6 70.0
108 147.7 104.7 157.1

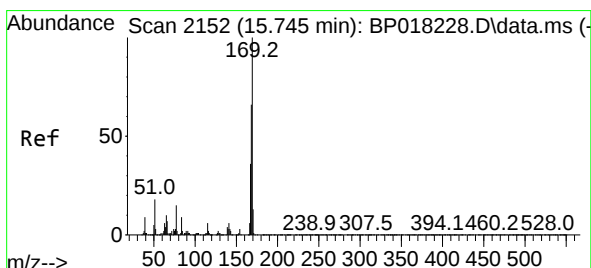
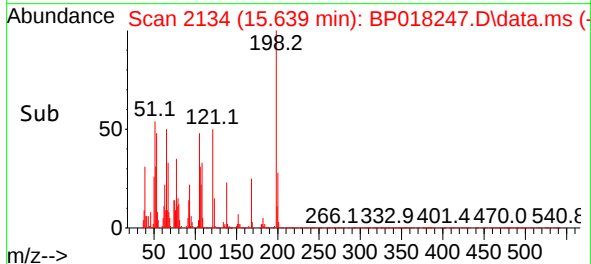
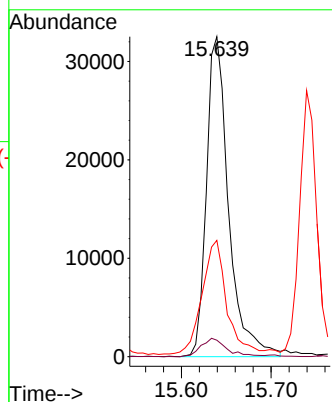
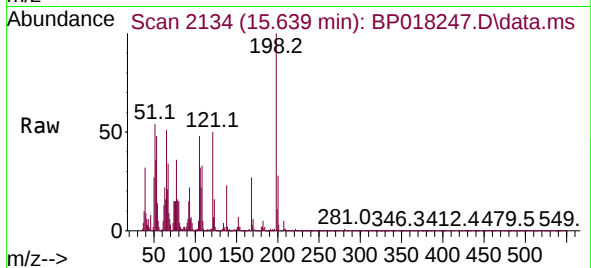




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.420 ng/ul
 RT: 15.639 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BP018247.D
 Acq: 18 Nov 2023 07:02

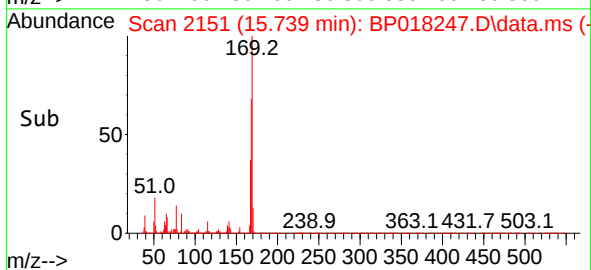
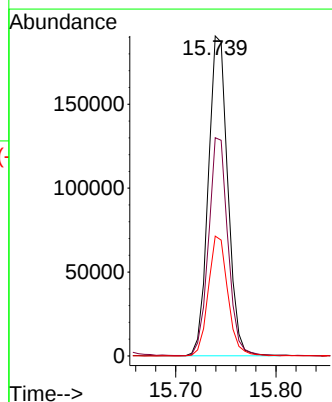
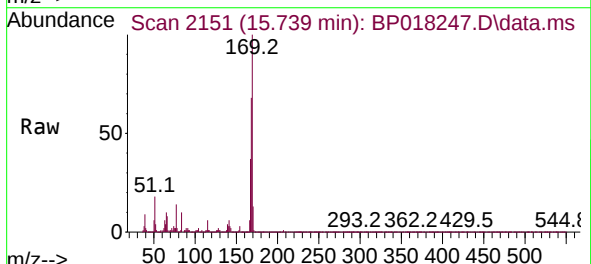
Instrument :
 BNA_M
 ClientSampleId :

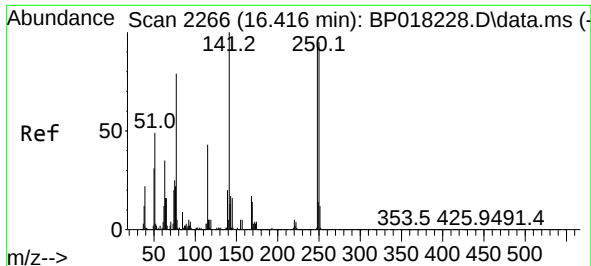
Tgt Ion:198 Resp: 55782
 Ion Ratio Lower Upper
 198 100
 182 5.2 3.8 5.6
 77 36.4 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 18.833 ng/ul
 RT: 15.739 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: BP018247.D
 Acq: 18 Nov 2023 07:02

Tgt Ion:169 Resp: 257828
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.8 80.8
 167 37.5 29.8 44.6

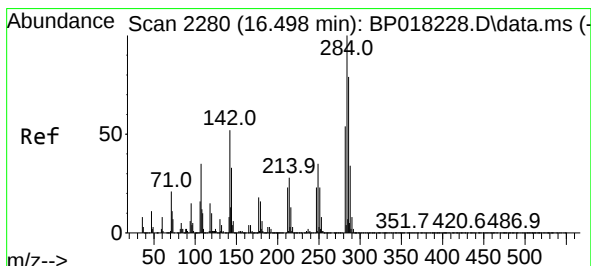
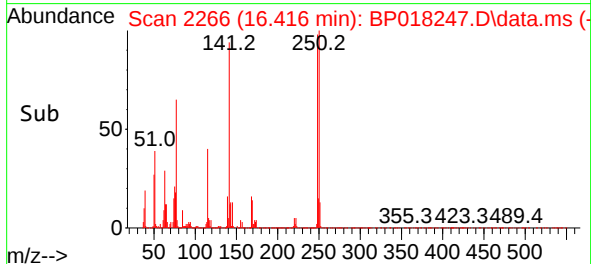
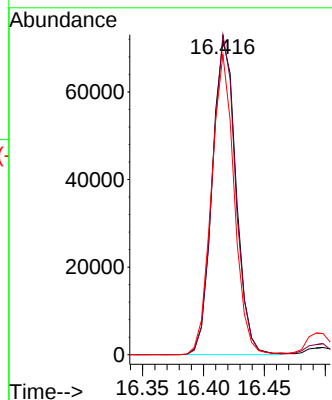
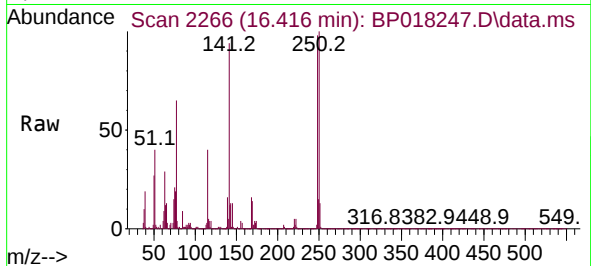




#68
4-Bromophenyl-phenylether
Concen: 20.307 ng/ul
RT: 16.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

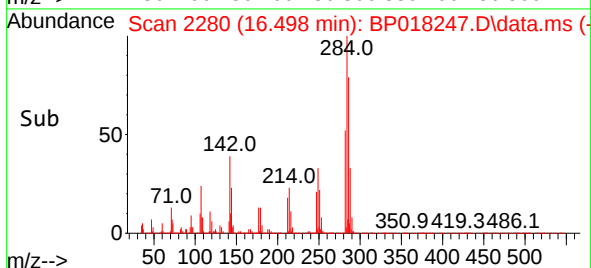
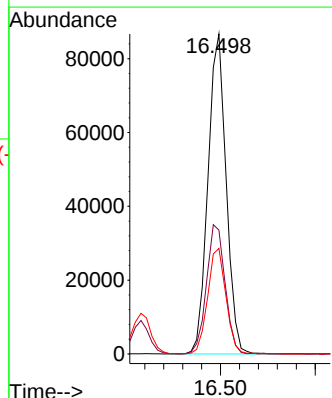
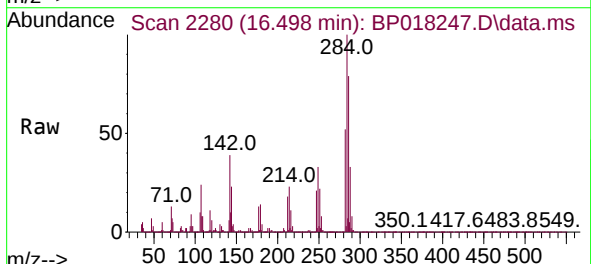
Instrument :
BNA_M
ClientSampleId :

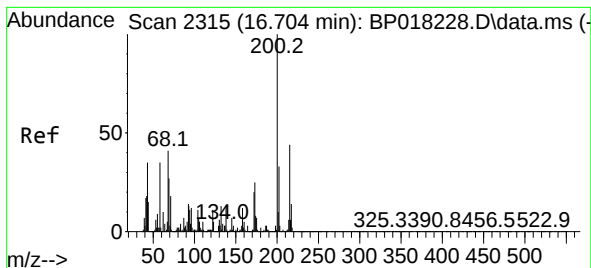
Tgt Ion:248 Resp: 97703
Ion Ratio Lower Upper
248 100
250 101.7 72.7 109.1
141 95.3 70.4 105.6



#69
Hexachlorobenzene
Concen: 21.501 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:284 Resp: 115429
Ion Ratio Lower Upper
284 100
142 38.7 38.9 58.3#
249 33.0 28.6 43.0





#70

Atrazine

Concen: 20.383 ng/ul

RT: 16.704 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

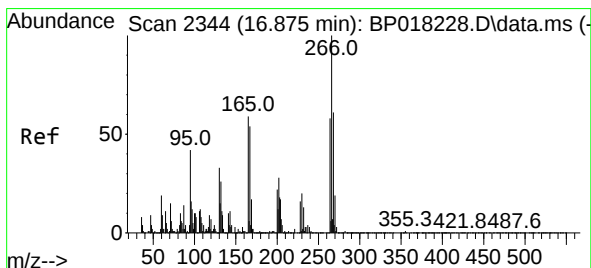
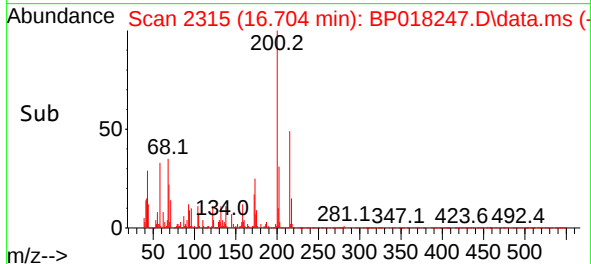
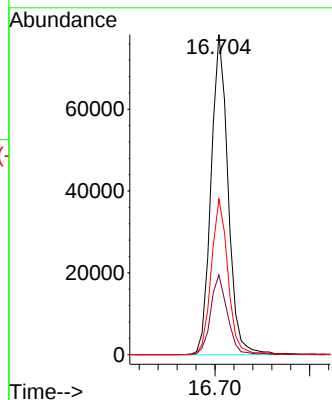
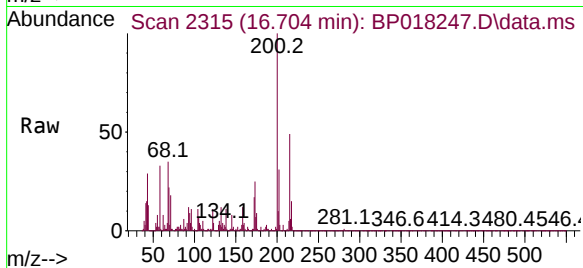
Tgt Ion:200 Resp: 97339

Ion Ratio Lower Upper

200 100

173 24.9 20.2 30.2

215 48.6 37.8 56.8



#71

Pentachlorophenol

Concen: 13.986 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

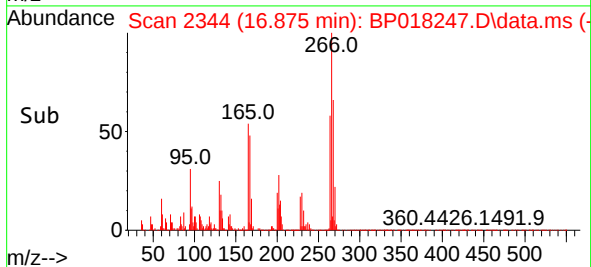
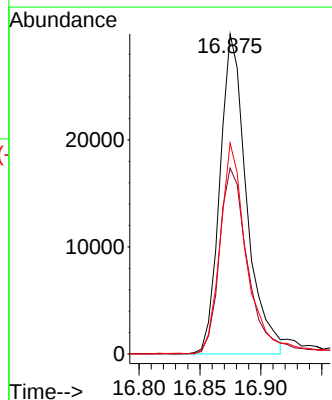
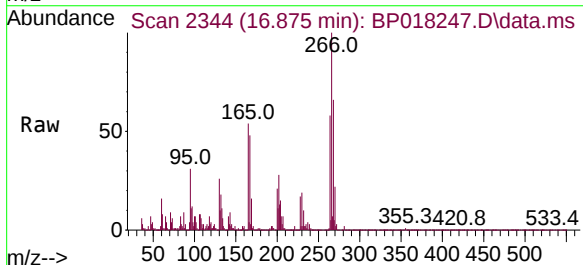
Tgt Ion:266 Resp: 45579

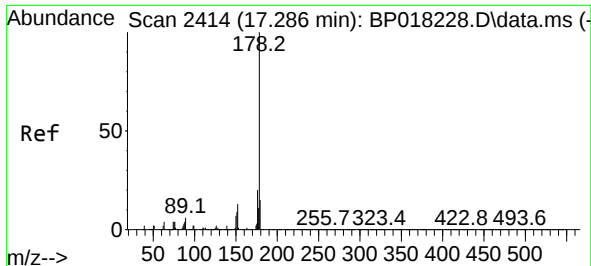
Ion Ratio Lower Upper

266 100

264 58.1 50.7 76.1

268 65.9 52.4 78.6

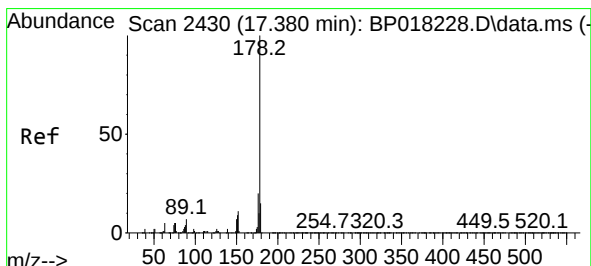
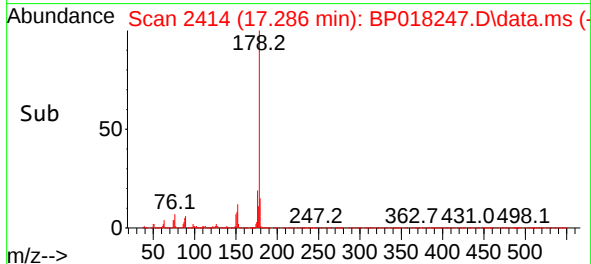
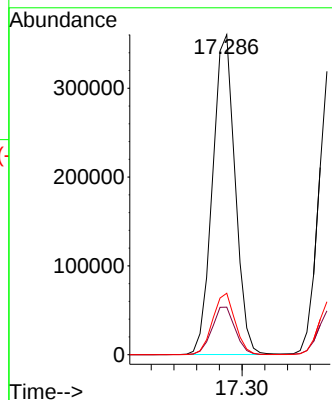
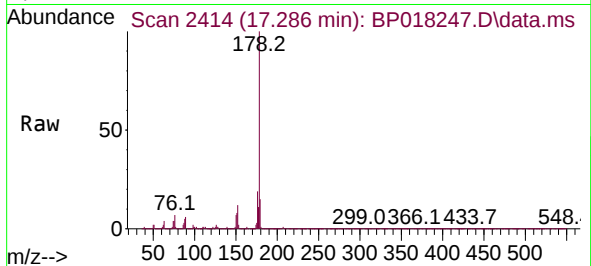




#72
Phenanthrene
Concen: 18.964 ng/ul
RT: 17.286 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

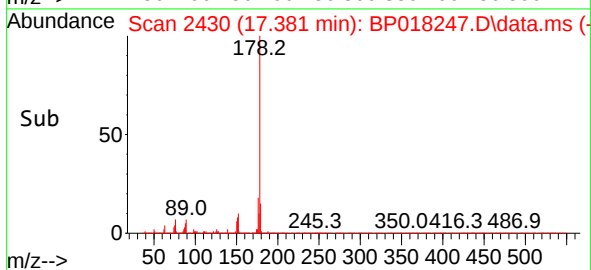
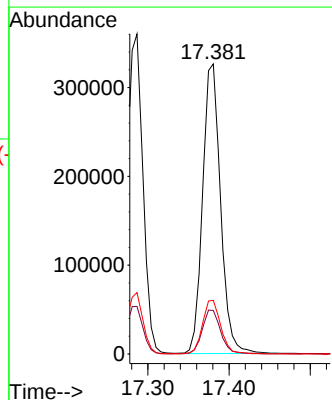
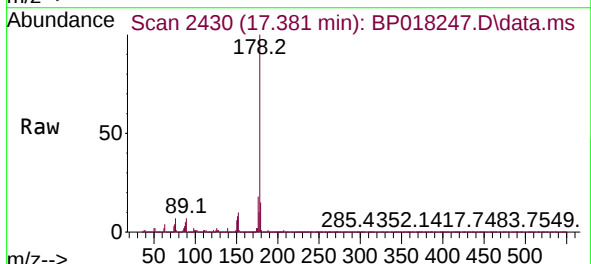
Instrument :
BNA_M
ClientSampleId :

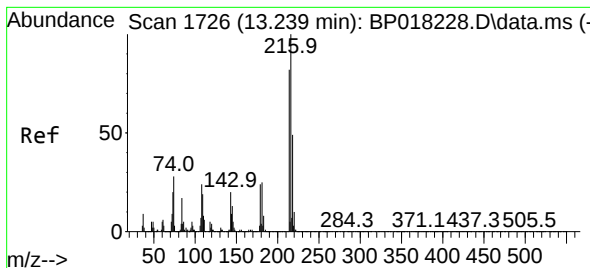
Tgt Ion:178 Resp: 497039
Ion Ratio Lower Upper
178 100
179 14.8 12.0 18.0
176 19.2 15.5 23.3



#74
Anthracene
Concen: 18.713 ng/ul
RT: 17.381 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:178 Resp: 500525
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 18.5 15.4 23.0

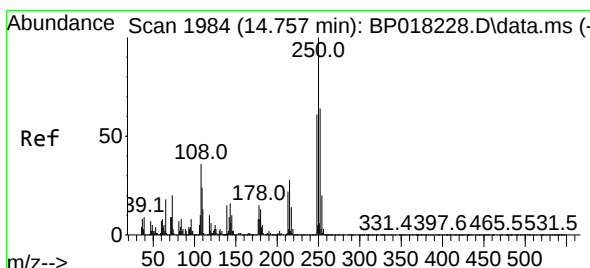
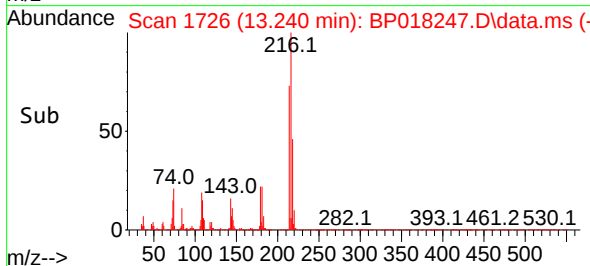
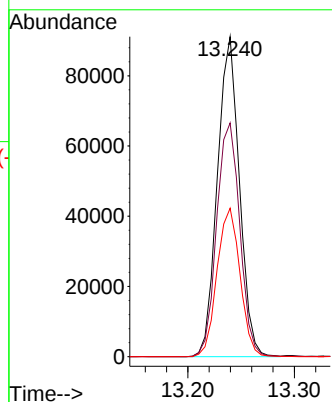
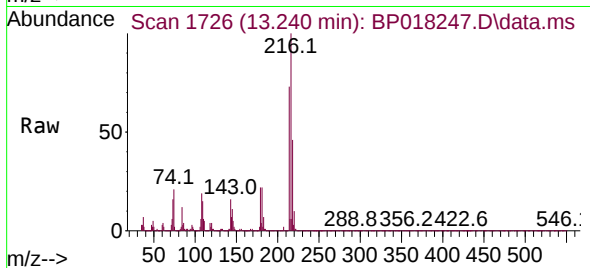




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.064 ng/uL
RT: 13.240 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

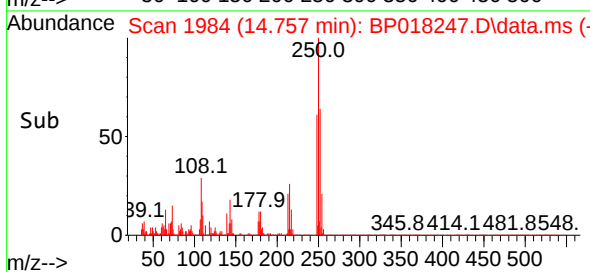
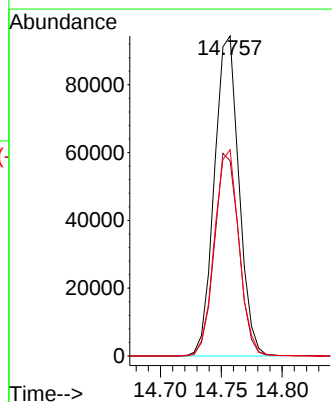
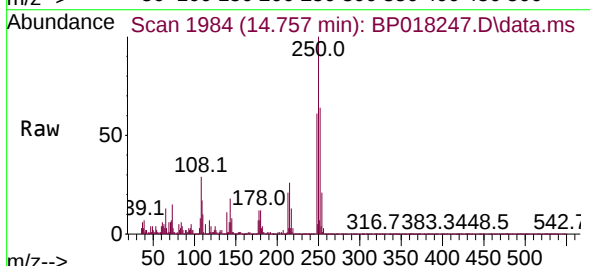
Instrument :
BNA_M
ClientSampleId :

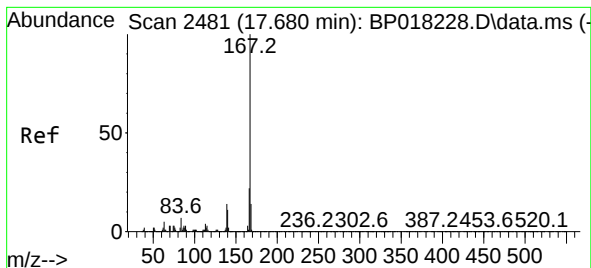
Tgt Ion:216 Resp: 130789
Ion Ratio Lower Upper
216 100
214 73.1 64.0 96.0
218 46.4 39.0 58.4



#76
Pentachlorobenzene
Concen: 20.771 ng/uL
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP018247.D
Acq: 18 Nov 2023 07:02

Tgt Ion:250 Resp: 132551
Ion Ratio Lower Upper
250 100
248 61.0 52.7 79.1
252 64.5 52.3 78.5





#77

Carbazole

Concen: 19.068 ng/ul

RT: 17.681 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

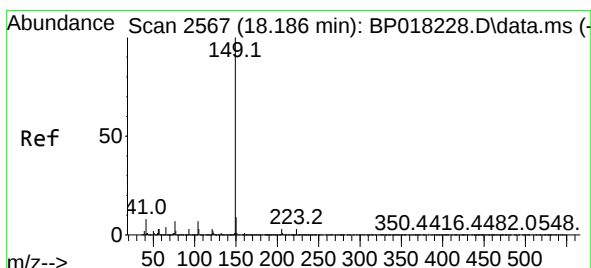
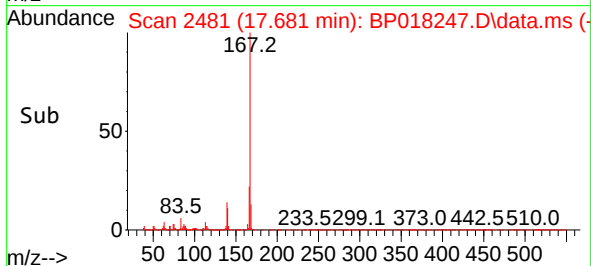
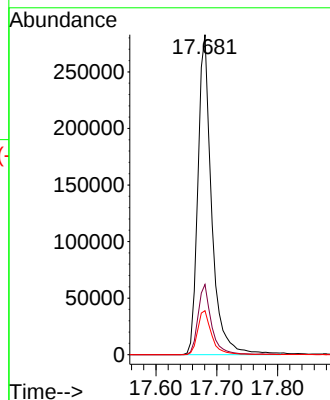
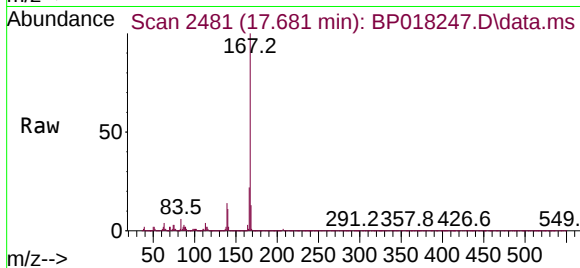
Tgt Ion:167 Resp: 442899

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

139 13.7 11.4 17.0



#78

Di-n-butylphthalate

Concen: 19.434 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

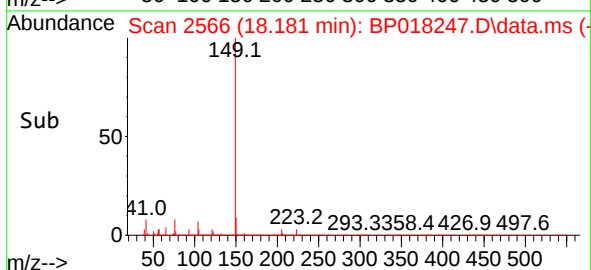
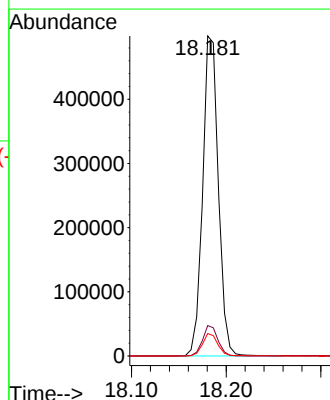
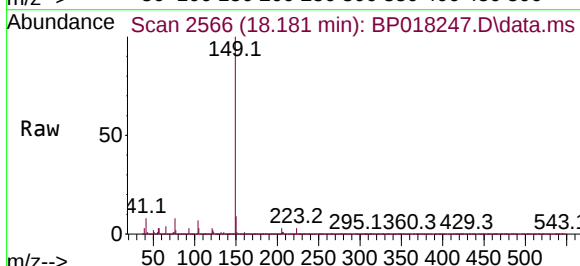
Tgt Ion:149 Resp: 572726

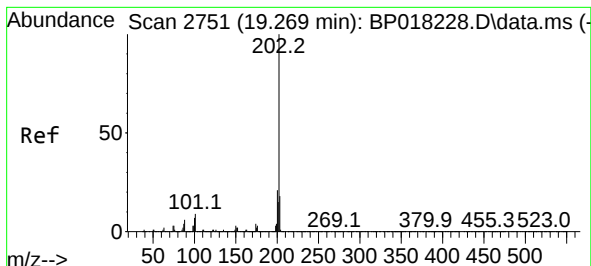
Ion Ratio Lower Upper

149 100

150 9.5 6.7 10.1

104 7.0 5.1 7.7





#80

Fluoranthene

Concen: 17.974 ng/ul

RT: 19.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

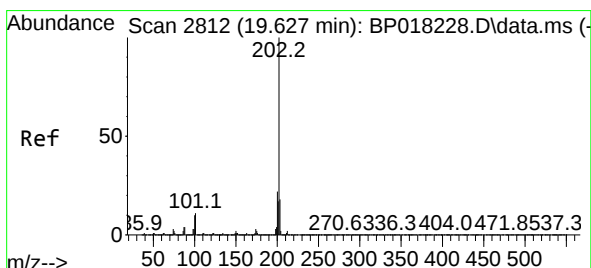
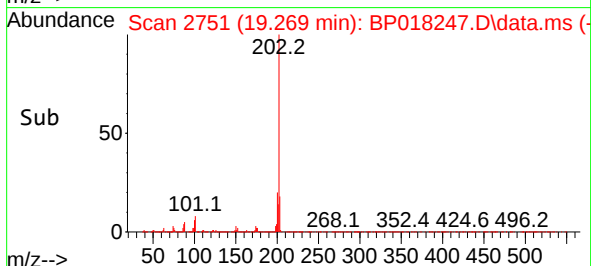
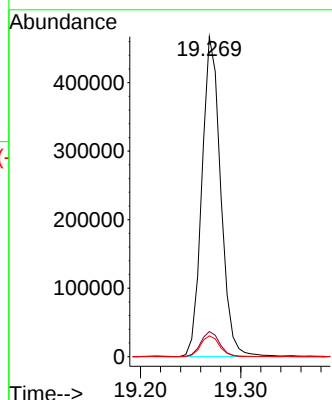
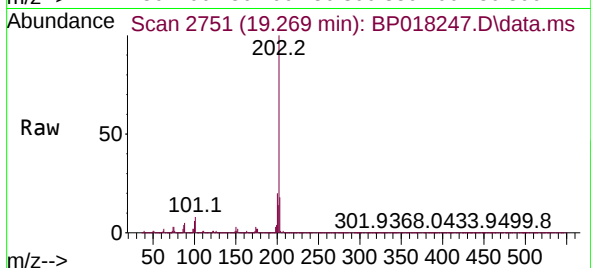
Tgt Ion:202 Resp: 607362

Ion Ratio Lower Upper

202 100

101 7.8 7.2 10.8

100 6.5 5.8 8.6



#82

Pyrene

Concen: 17.858 ng/ul

RT: 19.628 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

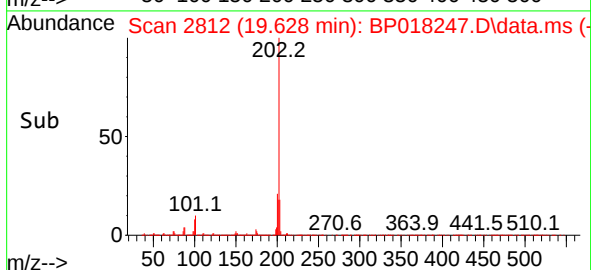
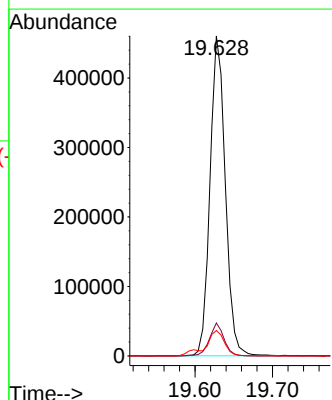
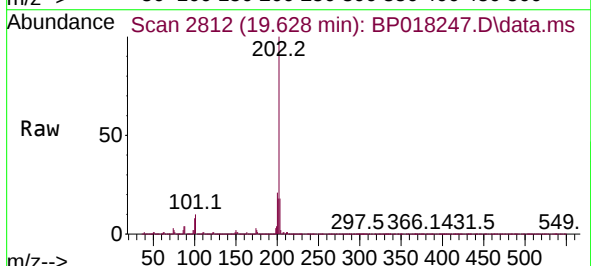
Tgt Ion:202 Resp: 632333

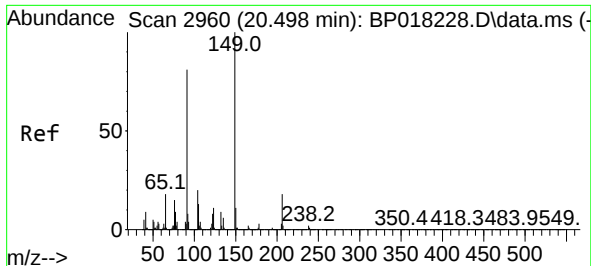
Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

100 8.0 7.4 11.2

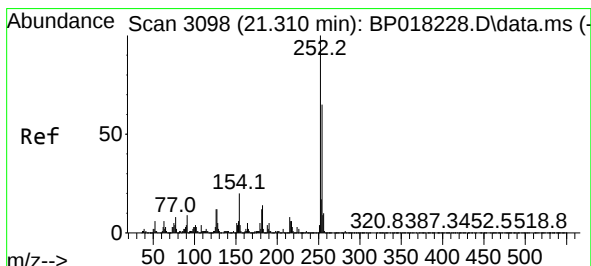
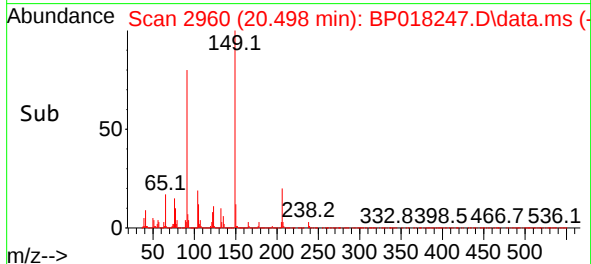
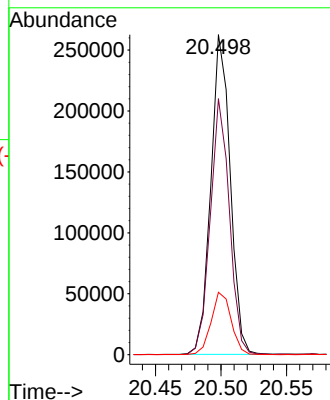
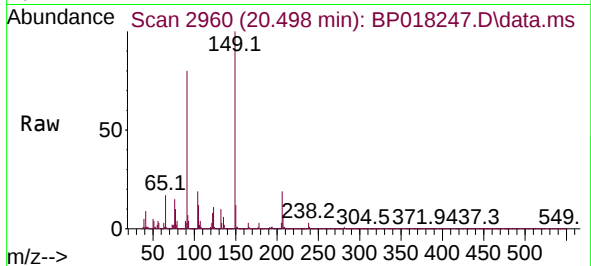




#83
 Butylbenzylphthalate
 Concen: 18.163 ng/ul
 RT: 20.498 min Scan# 2960
 Delta R.T. -0.006 min
 Lab File: BP018247.D
 Acq: 18 Nov 2023 07:02

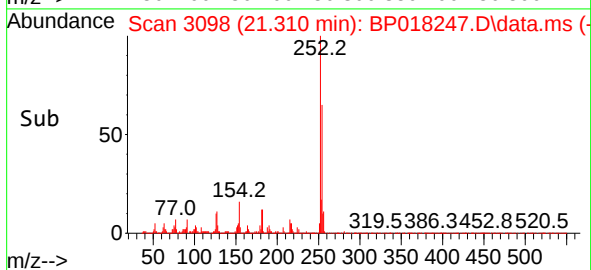
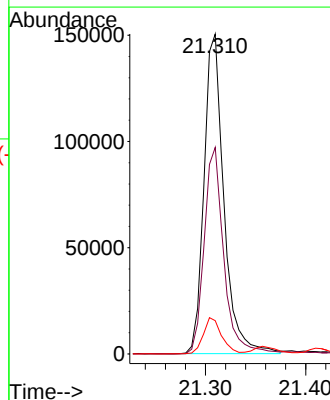
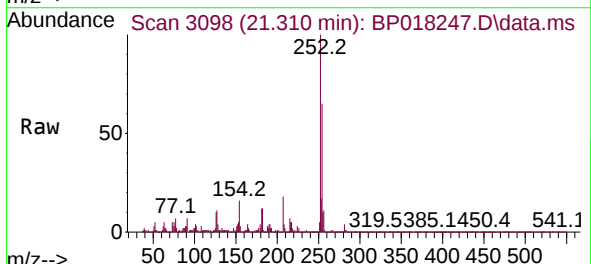
Instrument :
 BNA_M
 ClientSampleId :

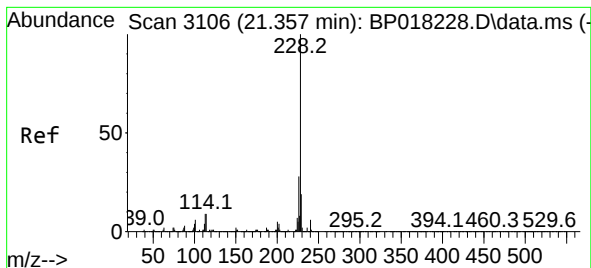
Tgt Ion:149 Resp: 270464
 Ion Ratio Lower Upper
 149 100
 91 80.0 59.6 89.4
 206 19.5 14.3 21.5



#84
 3,3'-Dichlorobenzidine
 Concen: 20.070 ng/ul
 RT: 21.310 min Scan# 3098
 Delta R.T. 0.000 min
 Lab File: BP018247.D
 Acq: 18 Nov 2023 07:02

Tgt Ion:252 Resp: 207708
 Ion Ratio Lower Upper
 252 100
 254 64.6 48.9 73.3
 126 10.4 9.4 14.0





#85

Benzo(a)anthracene

Concen: 18.877 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

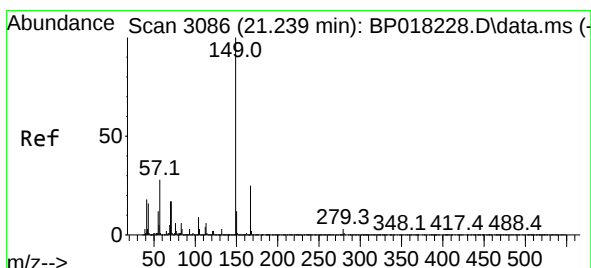
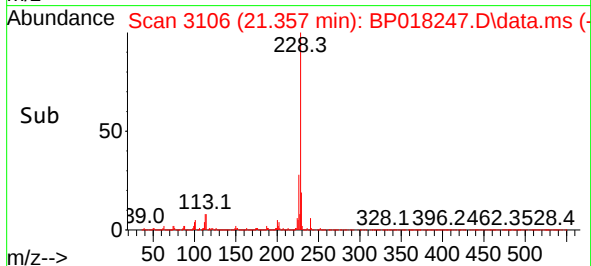
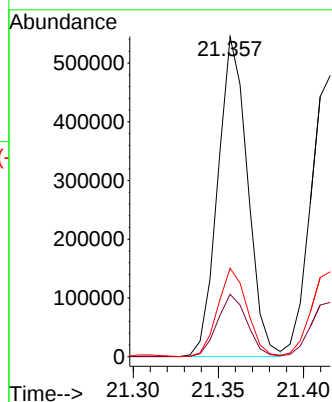
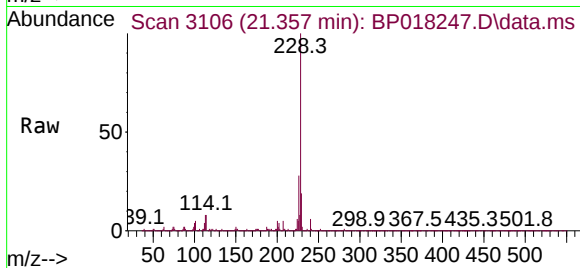
Tgt Ion:228 Resp: 660285

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

226 27.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.910 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

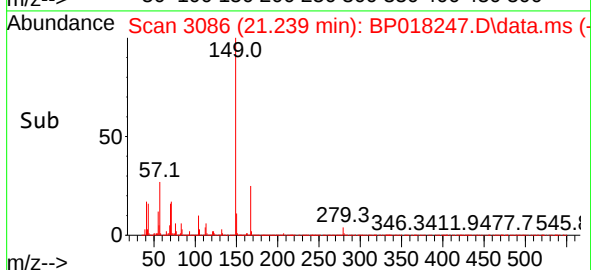
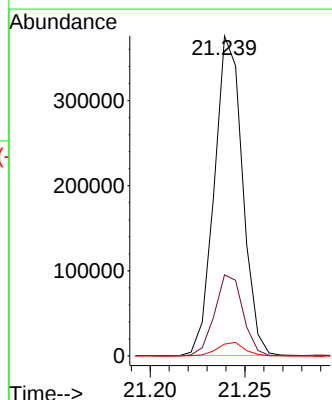
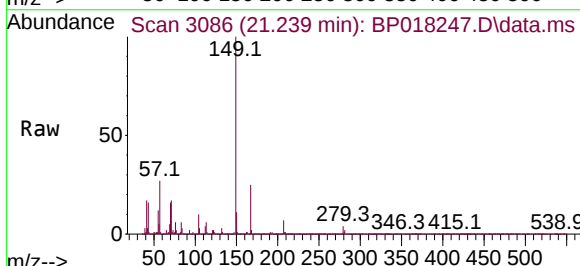
Tgt Ion:149 Resp: 388227

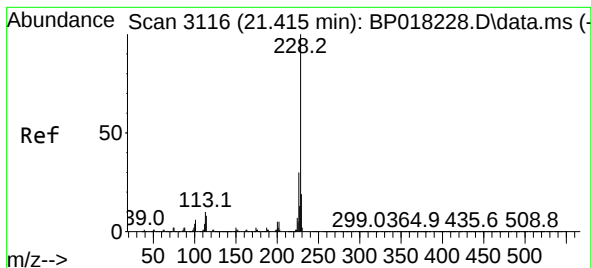
Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

279 3.7 3.2 4.8





#87

Chrysene

Concen: 18.890 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

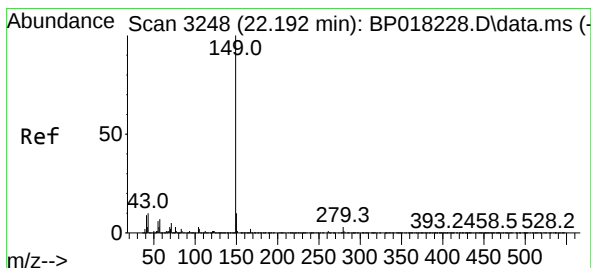
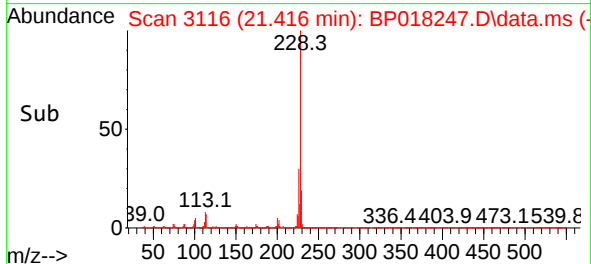
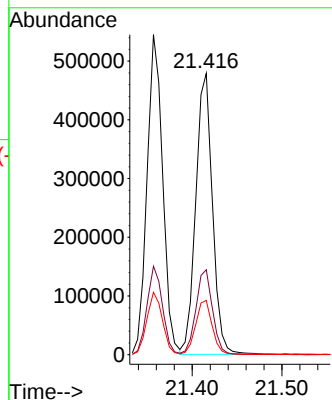
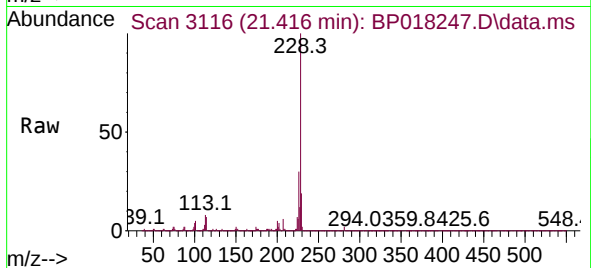
Tgt Ion:228 Resp: 618132

Ion Ratio Lower Upper

228 100

226 30.2 23.1 34.7

229 19.3 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 19.110 ng/ul

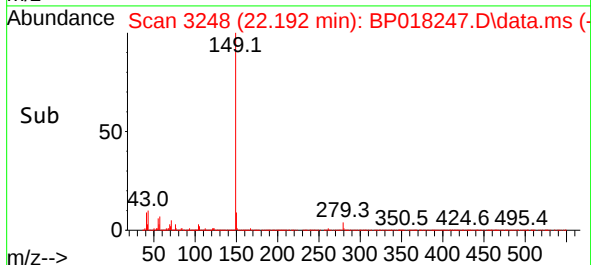
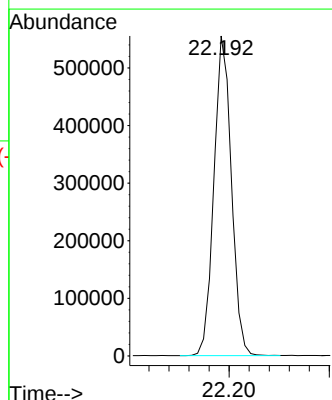
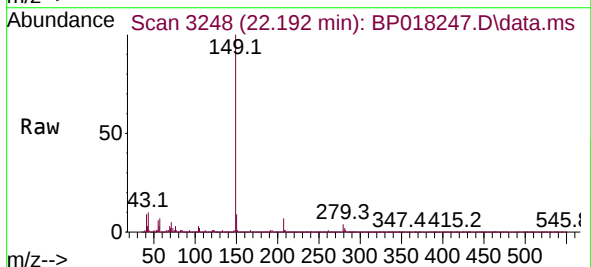
RT: 22.192 min Scan# 3248

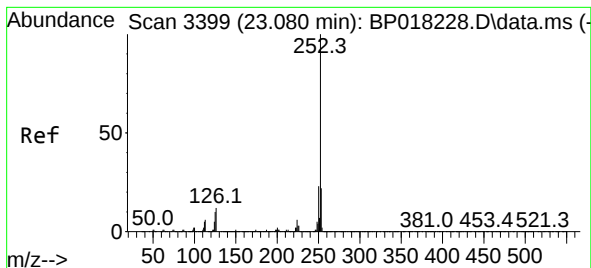
Delta R.T. 0.000 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Tgt Ion:149 Resp: 671313





#90

Benzo(b)fluoranthene

Concen: 18.816 ng/ul

RT: 23.080 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

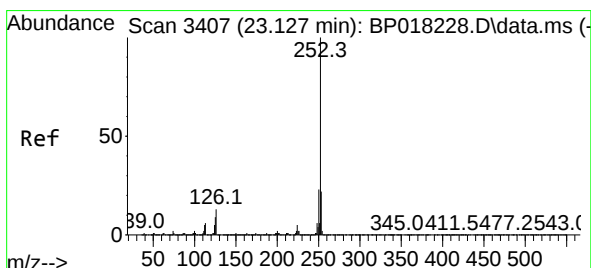
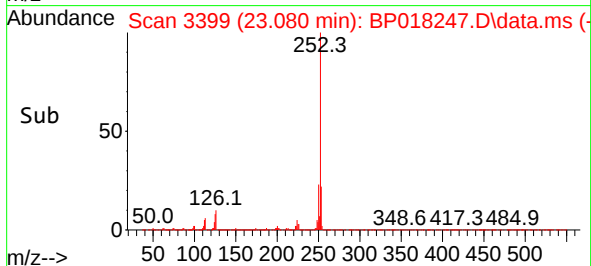
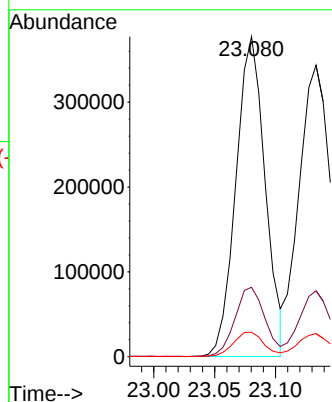
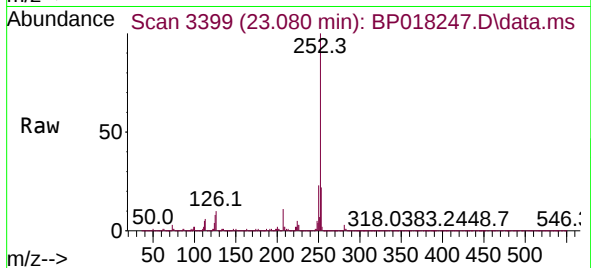
Tgt Ion:252 Resp: 629012

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 7.6 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 19.177 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

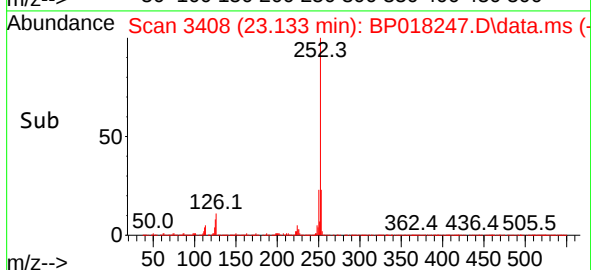
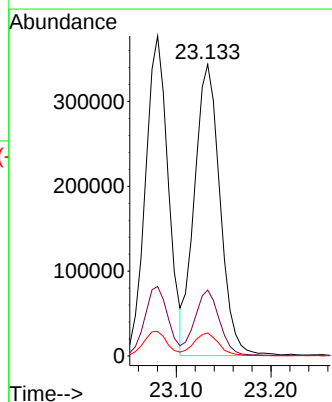
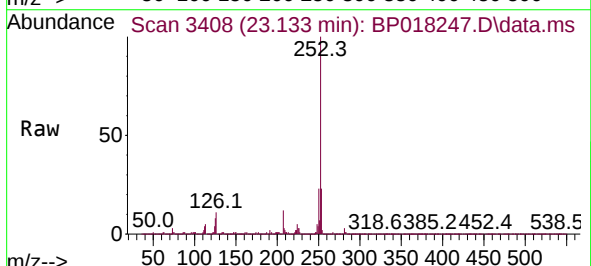
Tgt Ion:252 Resp: 644988

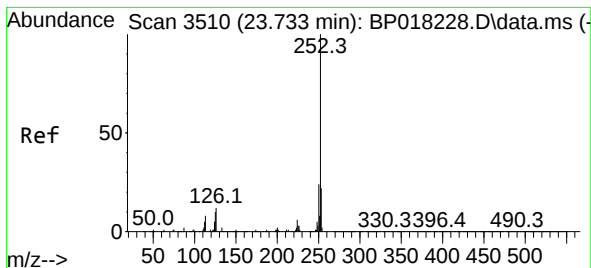
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 7.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 19.118 ng/ul

RT: 23.739 min Scan# 3510

Delta R.T. 0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

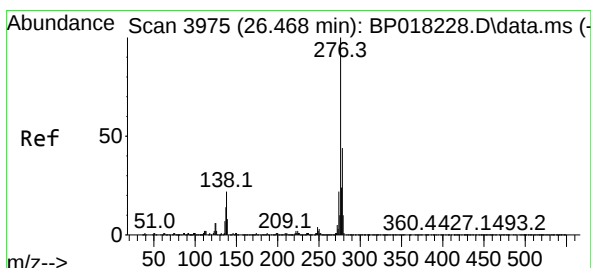
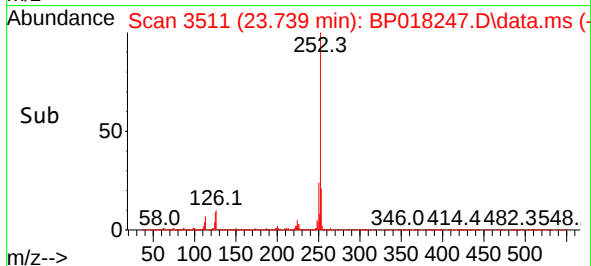
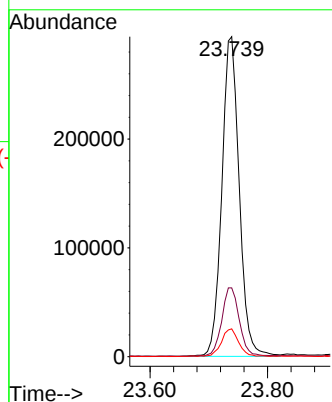
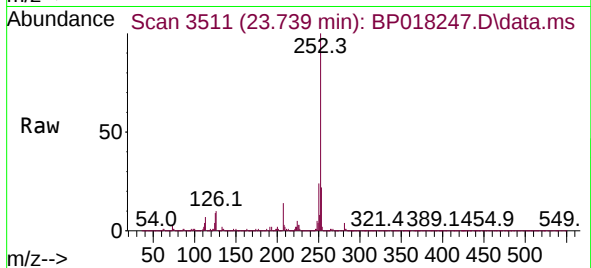
Tgt Ion:252 Resp: 603532

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.7 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.842 ng/ul

RT: 26.474 min Scan# 3976

Delta R.T. 0.012 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

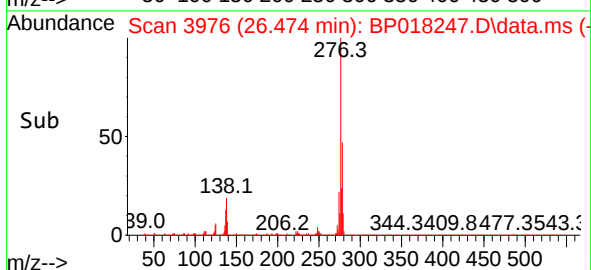
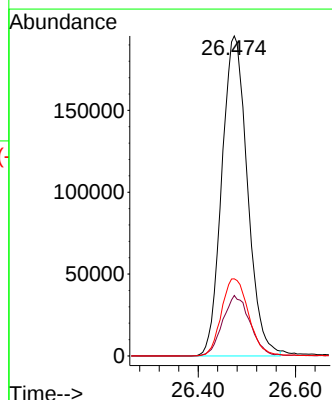
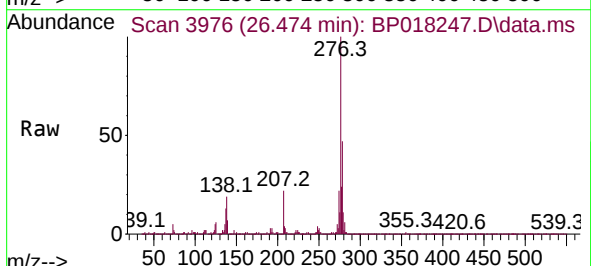
Tgt Ion:276 Resp: 713432

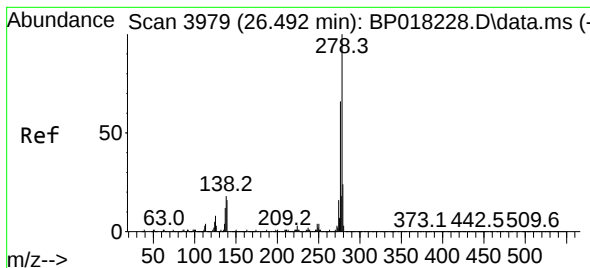
Ion Ratio Lower Upper

276 100

138 18.9 15.6 23.4

277 24.1 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 19.112 ng/ul

RT: 26.498 min Scan# 3979

Delta R.T. 0.006 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Instrument :

BNA_M

ClientSampleId :

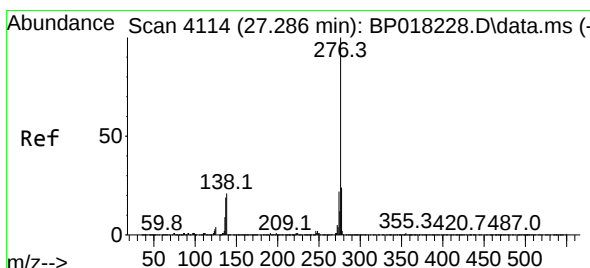
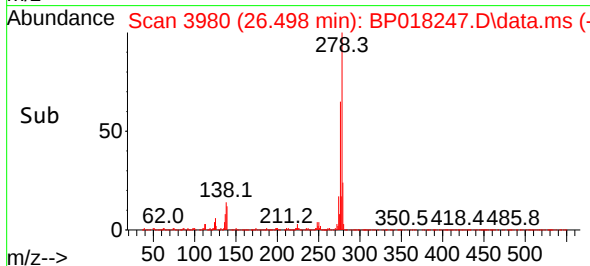
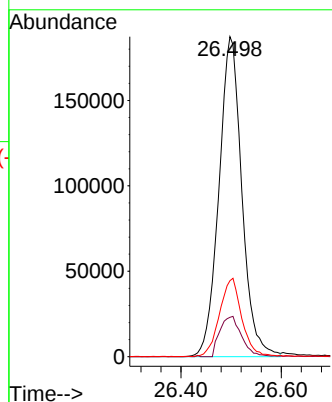
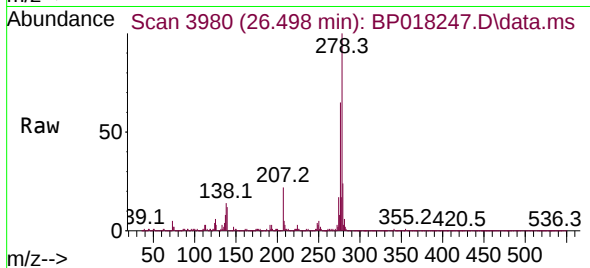
Tgt Ion:278 Resp: 595840

Ion Ratio Lower Upper

278 100

139 12.3 11.1 16.7

279 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 18.595 ng/ul

RT: 27.292 min Scan# 4115

Delta R.T. 0.012 min

Lab File: BP018247.D

Acq: 18 Nov 2023 07:02

Tgt Ion:276 Resp: 563137

Ion Ratio Lower Upper

276 100

138 17.1 13.8 20.6

277 24.7 20.2 30.2

