

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
 Data File : BP018147.D
 Acq On : 14 Nov 2023 09:58
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 15 00:35:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 15:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	73829	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	328923	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	228251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	531167	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.374	240	501390	20.000	ng/u1	#-0.02
88) Perylene-d12	23.851	264	526191	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	16748	8.002	ng/uL	0.00
4) Pyridine-d5	3.593	84	90116	16.514	ng/u1	-0.01
7) Phenol-d5	6.951	99	117709	16.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	80739	19.275	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	108976	19.307	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	109667	18.776	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	52805	17.819	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	61157	18.216	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	110133	18.406	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	154122	18.782	ng/u1	0.00
46) Dimethylphthalate-d6	13.886	166	391853	18.606	ng/u1	-0.01
49) Acenaphthylene-d8	14.163	160	430553	18.770	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	37890	12.040	ng/u1	-0.01
60) Fluorene-d10	15.469	176	339823	19.544	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	54086	14.085	ng/u1	-0.04
73) Anthracene-d10	17.351	188	552723	19.240	ng/u1	0.00
81) Pyrene-d10	19.604	212	647305	19.328	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.686	264	592441	19.363	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	17983	7.874	ng/uL	94
5) Pyridine	3.616	79	91711	16.284	ng/u1	98
6) Benzaldehyde	6.957	77	80044	20.852	ng/u1	97
8) Phenol	6.981	94	116597	16.582	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	109006	19.983	ng/u1	98
12) 2-Chlorophenol	7.340	128	111309	19.641	ng/u1	99
13) 2-Methylphenol	8.240	108	102354	19.266	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.298	45	80576	12.936	ng/u1	98
16) Acetophenone	8.646	105	181559	19.556	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	96271	18.993	ng/u1	96
18) 4-Methylphenol	8.581	108	113003	19.504	ng/u1	96
19) Hexachloroethane	8.834	117	53127	19.593	ng/u1	82
22) Nitrobenzene	9.040	77	146739	18.339	ng/u1	94
23) Isophorone	9.540	82	268490	18.388	ng/u1	99
25) 2-Nitrophenol	9.740	139	66066	19.150	ng/u1	93
26) 2,4-Dimethylphenol	9.781	107	131641	17.938	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.034	93	161232	20.250	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	106051	18.560	ng/u1	96
30) Naphthalene	10.657	128	381772	19.086	ng/u1	99
32) 4-Chloroaniline	10.810	127	148660	18.913	ng/u1	98
33) Hexachlorobutadiene	10.869	225	73979	17.636	ng/u1	98
34) Caprolactam	11.639	113	30385	16.007	ng/u1	97
35) 4-Chloro-3-methylphenol	11.922	107	124923	18.172	ng/u1	92
36) 2-Methylnaphthalene	12.275	142	270250	19.679	ng/u1	98

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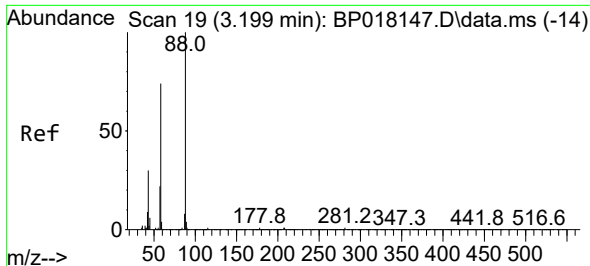
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	276029	19.560	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	136952	17.761	ng/ul	97
40) Hexachlorocyclopentadiene	12.563	237	10690	2.872	ng/ul	93
41) 2,4,6-Trichlorophenol	12.898	196	74089	14.647	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	79505	14.935	ng/ul	96
43) 1,1'-Biphenyl	13.292	154	367890	18.955	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	286642	18.602	ng/ul	97
45) 2-Nitroaniline	13.604	65	88842	17.866	ng/ul	97
47) Dimethylphthalate	13.939	163	387319	18.748	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	74031	18.029	ng/ul	99
50) Acenaphthylene	14.198	152	486874	18.800	ng/ul	99
51) 3-Nitroaniline	14.439	138	72062	18.912	ng/ul	96
52) Acenaphthene	14.533	153	326337	19.003	ng/ul	98
53) 2,4-Dinitrophenol	14.681	184	6223	2.778	ng/ul	92
55) 4-Nitrophenol	14.745	109	58048	13.896	ng/ul	96
56) Dibenzofuran	14.875	168	462011	19.632	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	114602	18.680	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	66447	14.031	ng/ul	96
59) Diethylphthalate	15.292	149	428987	19.876	ng/ul	99
61) Fluorene	15.528	166	390465	19.543	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	187101	19.110	ng/ul	99
63) 4-Nitroaniline	15.616	138	71174	19.795	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	54353	13.641	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	332034	19.492	ng/ul	98
68) 4-Bromophenyl-phenylether	16.427	248	96612	16.138	ng/ul	90
69) Hexachlorobenzene	16.504	284	108913	16.304	ng/ul	97
70) Atrazine	16.710	200	111995	18.847	ng/ul	94
72) Phenanthrene	17.292	178	641951	19.684	ng/ul	100
74) Anthracene	17.386	178	655095	19.683	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	135996	16.766	ng/uL	99
76) Pentachlorobenzene	14.763	250	134839	16.981	ng/uL	95
77) Carbazole	17.686	167	582483	20.154	ng/ul	99
78) Di-n-butylphthalate	18.192	149	775645	21.151	ng/ul	99
80) Fluoranthene	19.274	202	757682	19.372	ng/ul#	94
82) Pyrene	19.633	202	816057	19.911	ng/ul#	95
83) Butylbenzylphthalate	20.504	149	364106	21.125	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.310	252	225669	18.839	ng/ul	97
85) Benzo(a)anthracene	21.363	228	798669	19.727	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	533294	22.441	ng/ul	99
87) Chrysene	21.415	228	739171	19.515	ng/ul	97
89) Di-n-octyl phthalate	22.198	149	949565	24.130	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	726558	19.402	ng/ul#	97
91) Benzo(k)fluoranthene	23.133	252	753307	19.994	ng/ul#	97
93) Benzo(a)pyrene	23.739	252	695258	19.660	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.468	276	776904	18.317	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.492	278	645341	18.478	ng/ul#	96
96) Benzo(g,h,i)perylene	27.286	276	572622	16.879	ng/ul	96

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

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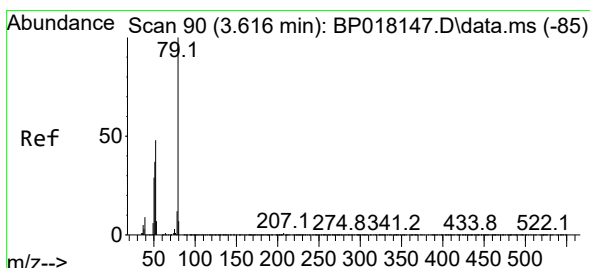
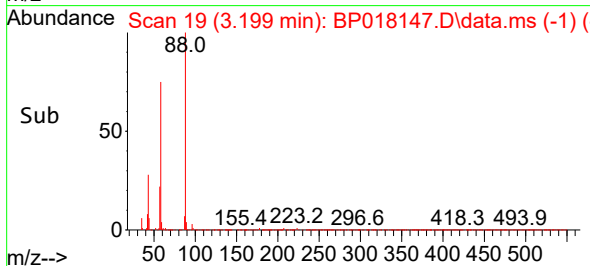
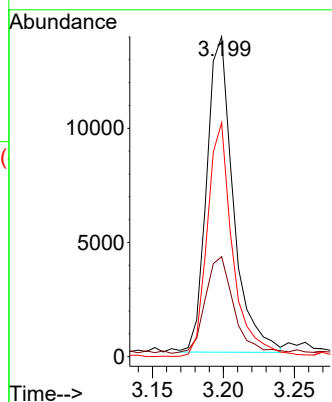
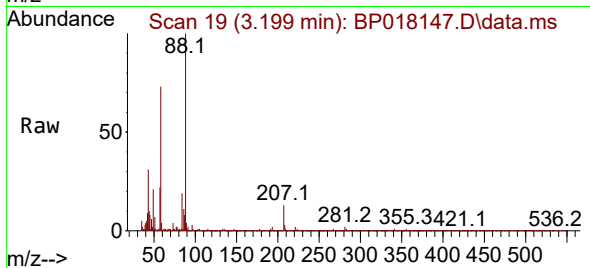




#2
1,4-Dioxane
Concen: 7.874 ng/uL
RT: 3.199 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP018147.D
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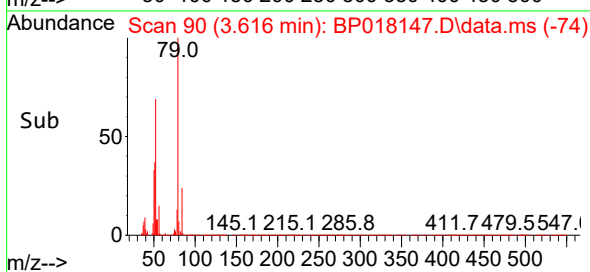
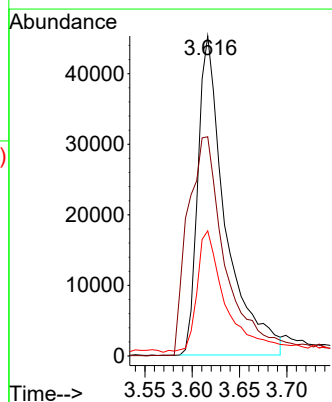
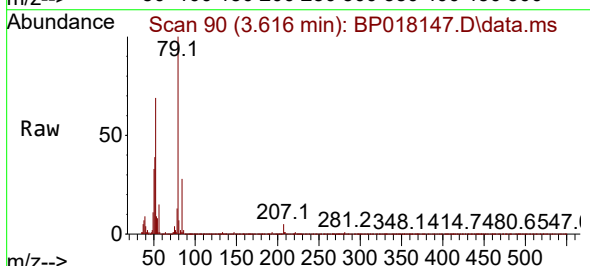
Instrument :
BNA_P
ClientSampleId :

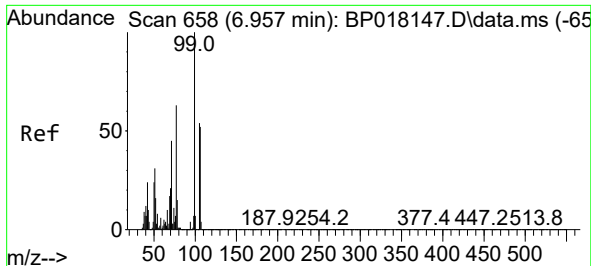
Tgt Ion: 88 Resp: 17983
Ion Ratio Lower Upper
88 100
43 31.3 25.4 38.2
58 73.1 53.3 79.9



#5
Pyridine
Concen: 16.284 ng/uL
RT: 3.616 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion: 79 Resp: 91711
Ion Ratio Lower Upper
79 100
52 68.5 53.9 80.9
51 39.1 32.2 48.2

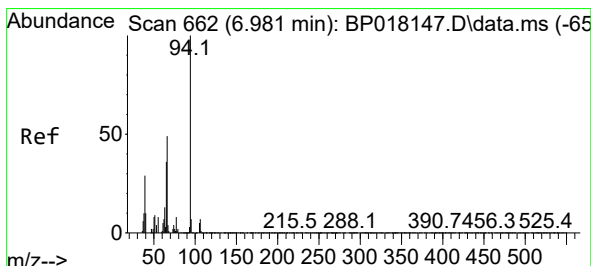
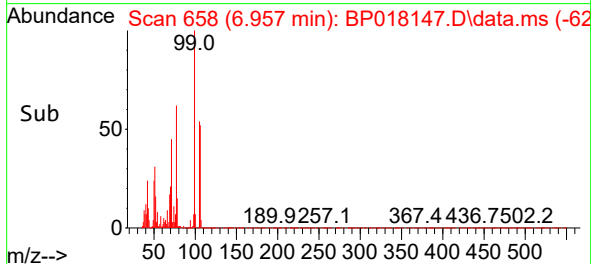
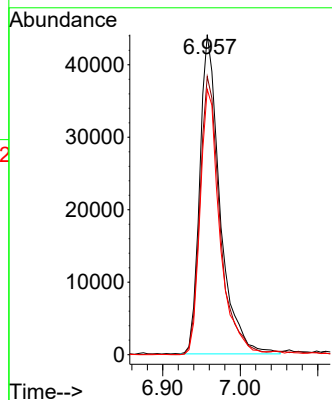
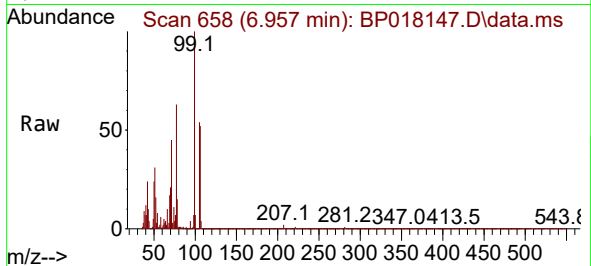




#6
Benzaldehyde
Concen: 20.852 ng/ul
RT: 6.957 min Scan# 612
Delta R.T. -0.000 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

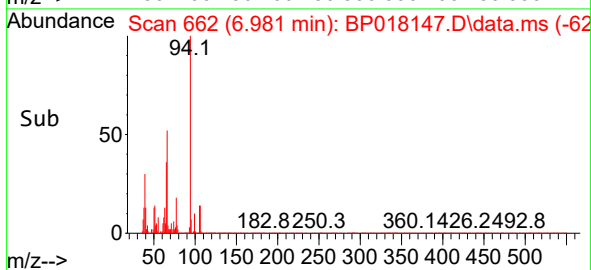
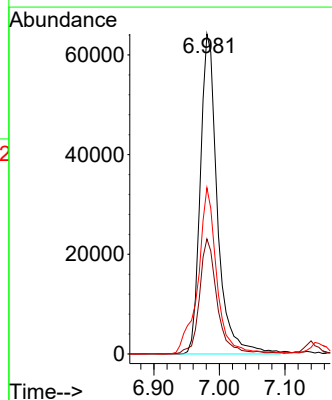
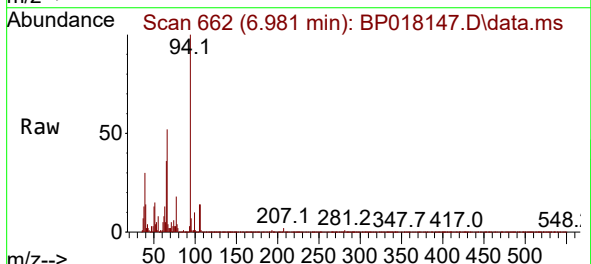
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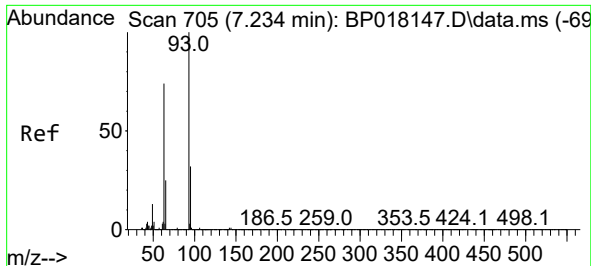
Tgt Ion: 77 Resp: 80044
Ion Ratio Lower Upper
77 100
105 86.9 72.7 109.1
106 82.9 67.5 101.3



#8
Phenol
Concen: 16.582 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. -0.000 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion: 94 Resp: 116597
Ion Ratio Lower Upper
94 100
65 35.9 28.2 42.2
66 52.0 40.3 60.5

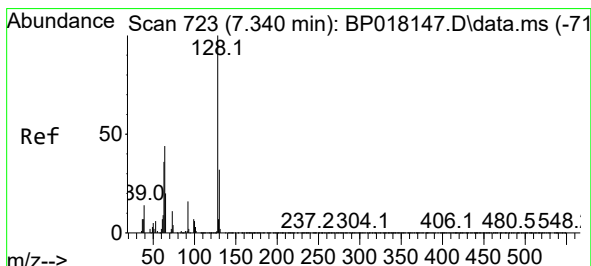
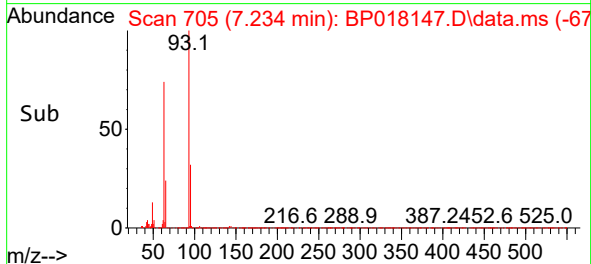
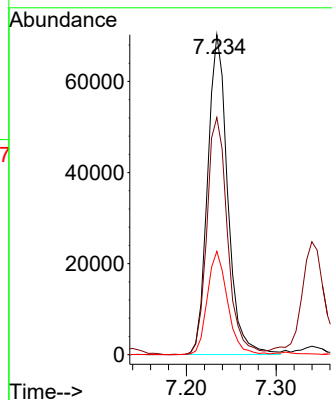
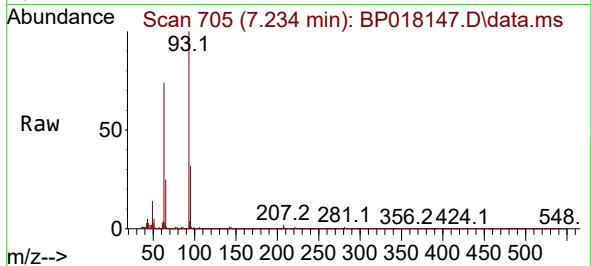




#10
 Bis(2-Chloroethyl)ether
 Concen: 19.983 ng/ul
 RT: 7.234 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: BP018147.D
 Acq: 14 Nov 2023 09:58

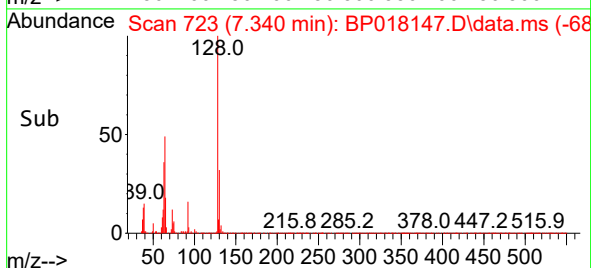
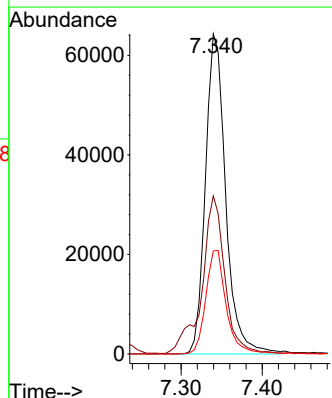
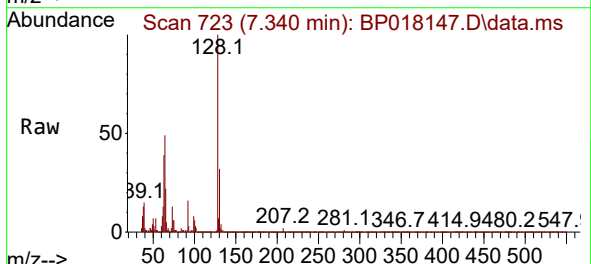
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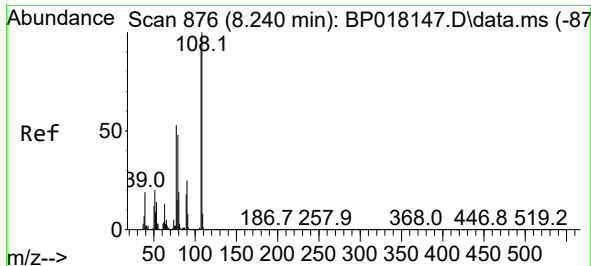
Tgt Ion: 93 Resp: 109006
 Ion Ratio Lower Upper
 93 100
 63 74.1 57.8 86.6
 95 32.3 25.5 38.3



#12
 2-Chlorophenol
 Concen: 19.641 ng/ul
 RT: 7.340 min Scan# 723
 Delta R.T. -0.000 min
 Lab File: BP018147.D
 Acq: 14 Nov 2023 09:58

Tgt Ion: 128 Resp: 111309
 Ion Ratio Lower Upper
 128 100
 64 49.4 39.2 58.8
 130 32.2 26.6 40.0





#13

2-Methylphenol

Concen: 19.266 ng/ul

RT: 8.240 min Scan# 876

Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

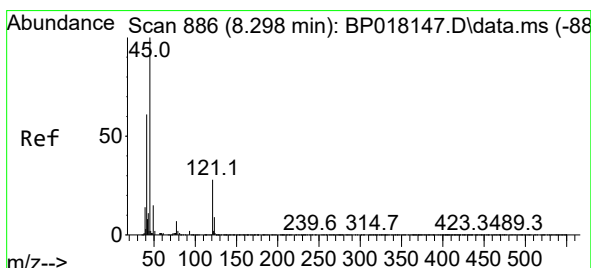
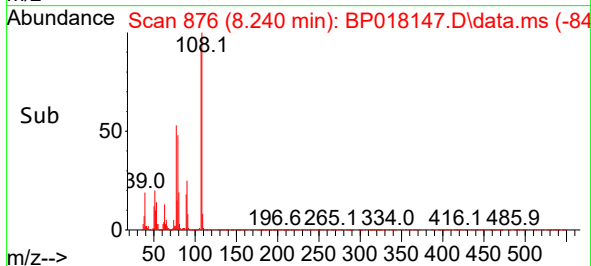
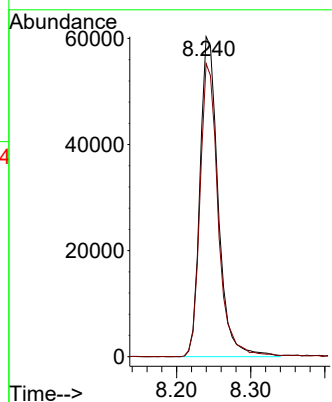
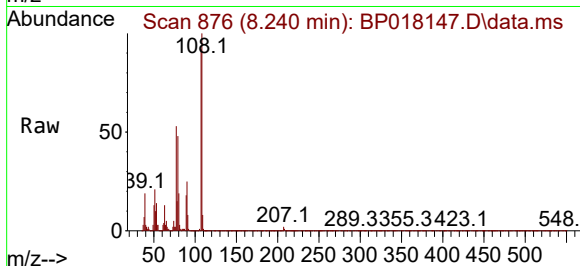
ClientSampleId :

Tgt Ion:108 Resp: 102354

Ion Ratio Lower Upper

108 100

107 91.6 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.936 ng/ul

RT: 8.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

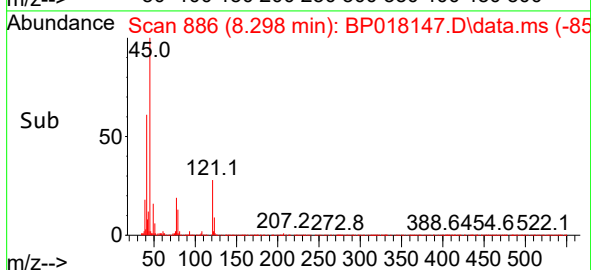
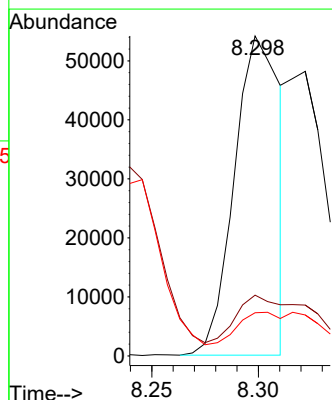
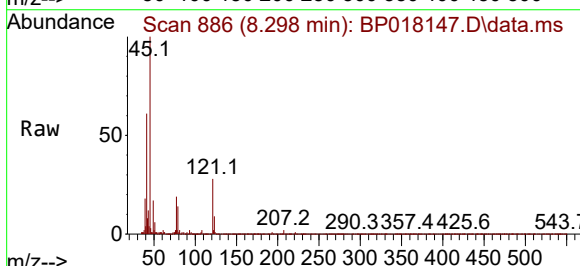
Tgt Ion: 45 Resp: 80576

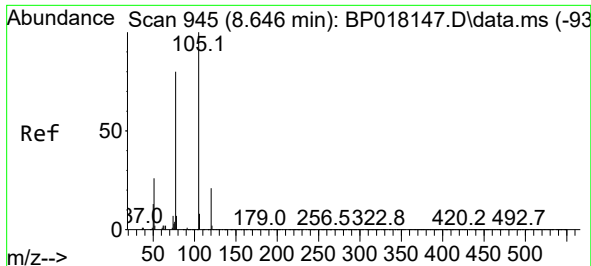
Ion Ratio Lower Upper

45 100

77 19.0 16.1 24.1

79 13.5 11.1 16.7

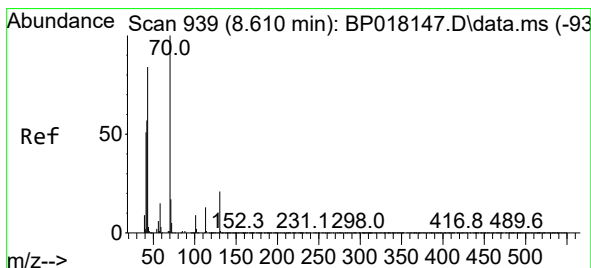
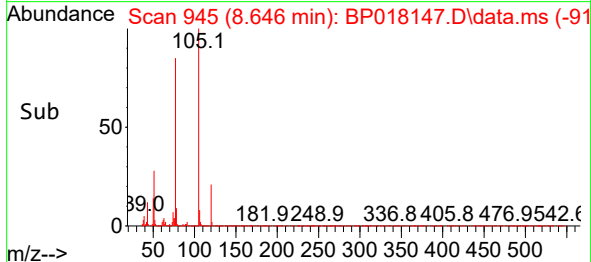
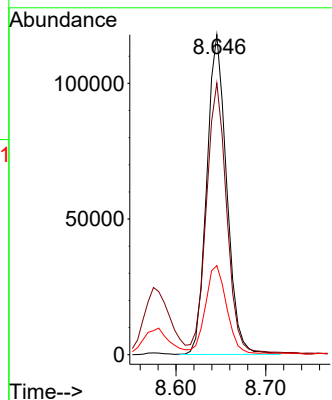
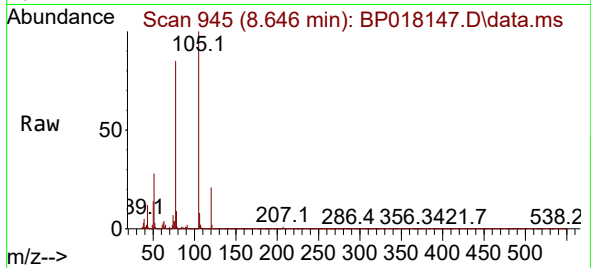




#16
Acetophenone
Concen: 19.556 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP018147.D
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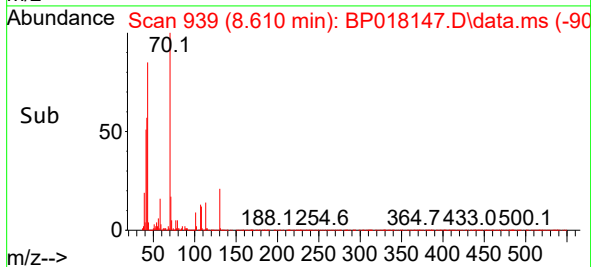
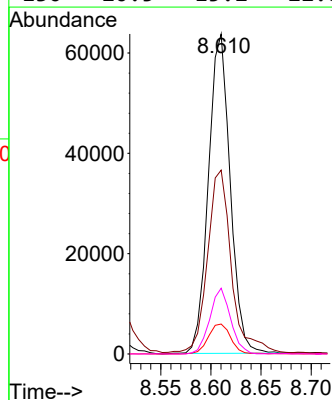
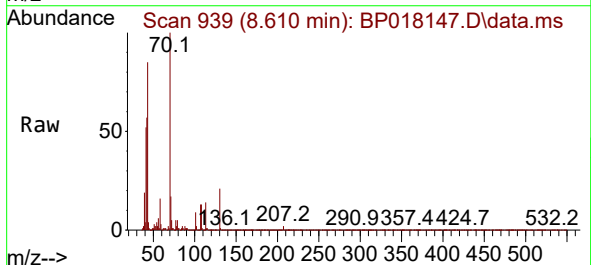
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BNA_P
ClientSampleId :

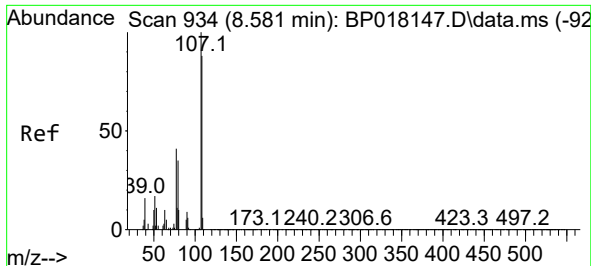
Tgt Ion:105 Resp: 181559
Ion Ratio Lower Upper
105 100
77 84.9 70.1 105.1
51 27.9 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 18.993 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion: 70 Resp: 96271
Ion Ratio Lower Upper
70 100
42 57.5 43.7 65.5
101 9.4 8.2 12.4
130 20.5 15.2 22.8

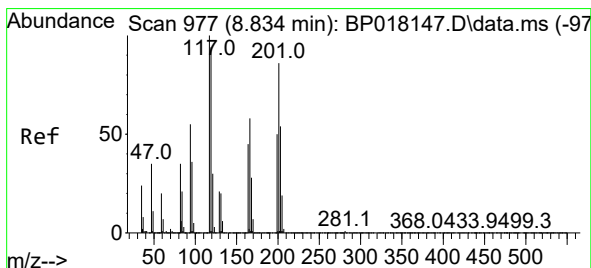
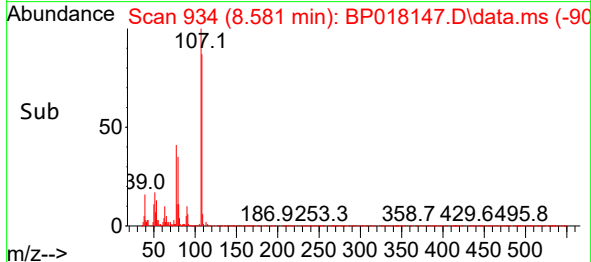
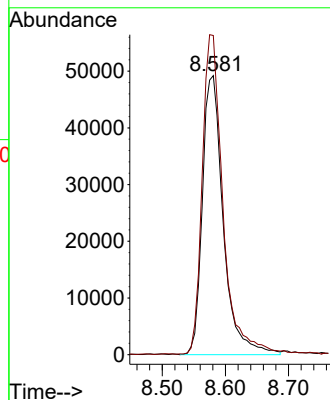
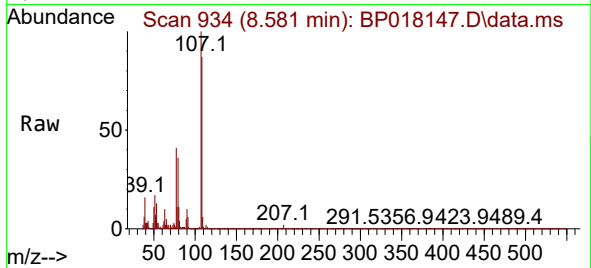




#18
4-Methylphenol
Concen: 19.504 ng/ul
RT: 8.581 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

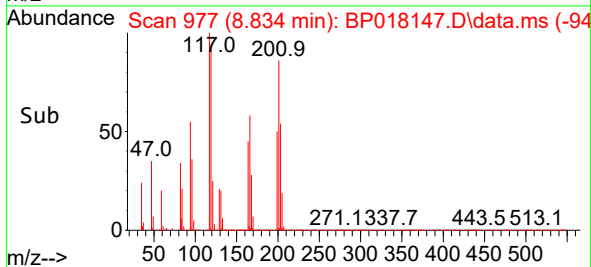
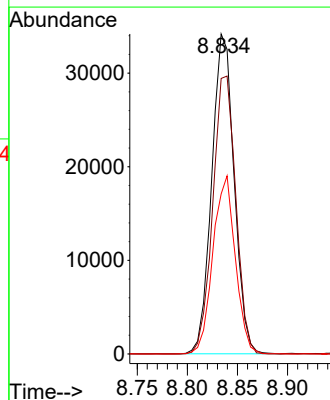
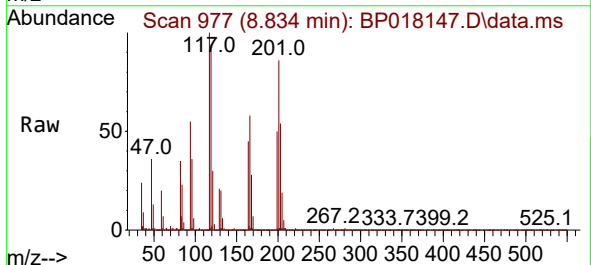
Instrument :
BNA_P
ClientSampleId :

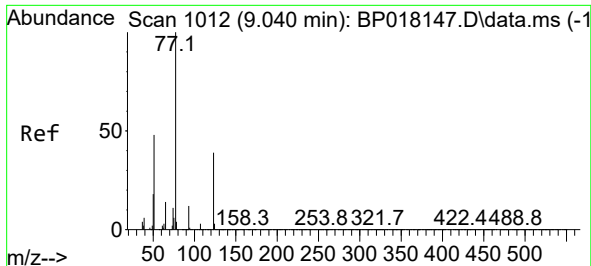
Tgt Ion:108 Resp: 113003
Ion Ratio Lower Upper
108 100
107 114.4 88.2 132.4



#19
Hexachloroethane
Concen: 19.593 ng/ul
RT: 8.834 min Scan# 977
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:117 Resp: 53127
Ion Ratio Lower Upper
117 100
201 86.1 84.8 127.2
199 50.0 49.0 73.4

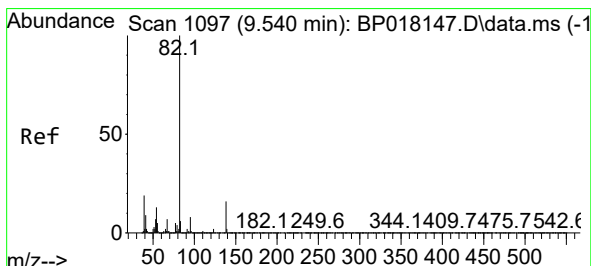
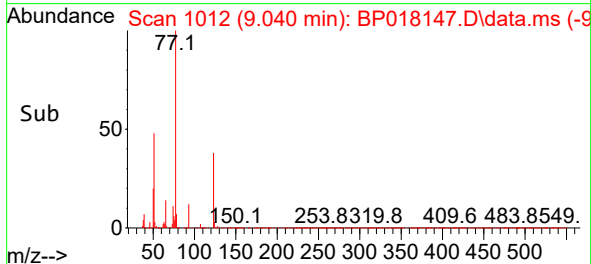
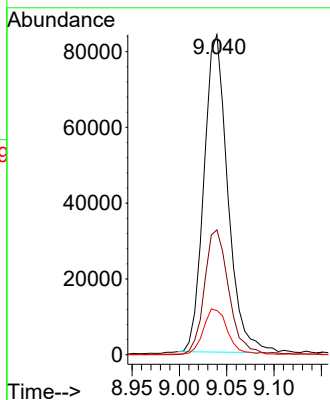
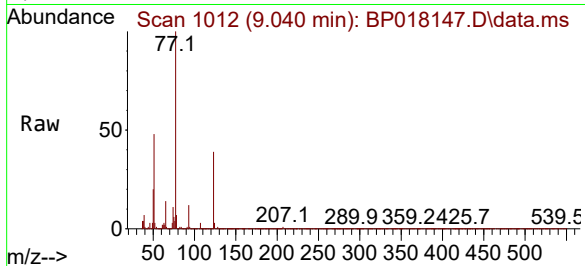




#22
Nitrobenzene
Concen: 18.339 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

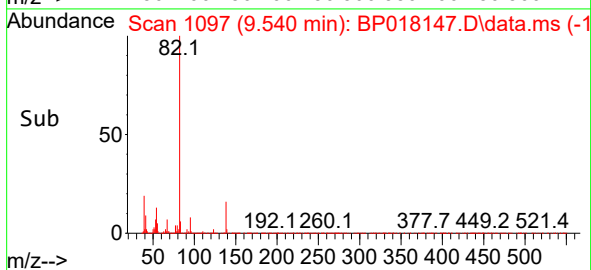
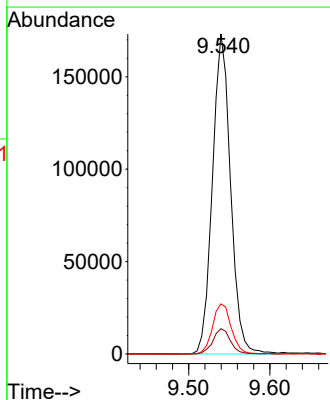
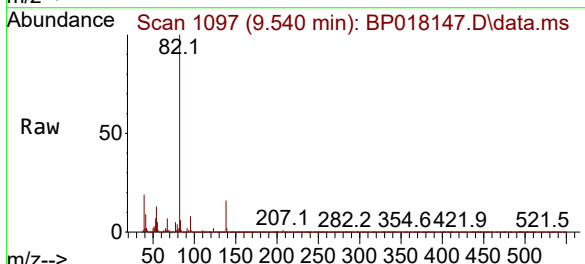
Instrument :
BNA_P
ClientSampleId :

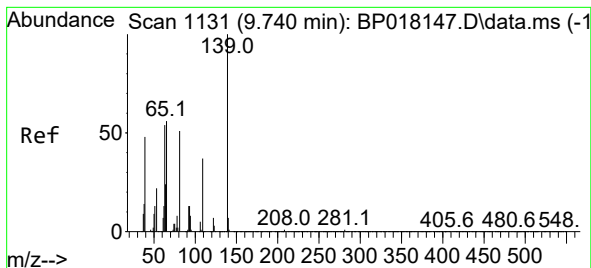
Tgt Ion: 77 Resp: 146739
Ion Ratio Lower Upper
77 100
123 39.0 27.8 41.8
65 13.8 11.5 17.3



#23
Isophorone
Concen: 18.388 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion: 82 Resp: 268490
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 15.7 13.1 19.7





#25

2-Nitrophenol

Concen: 19.150 ng/ul

RT: 9.740 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BP018147.D

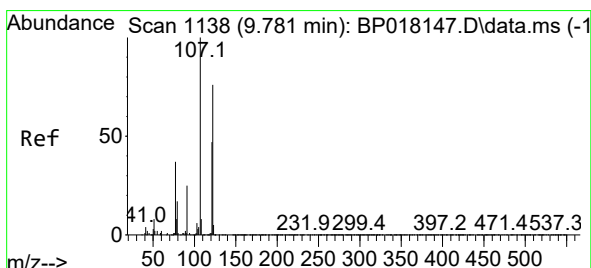
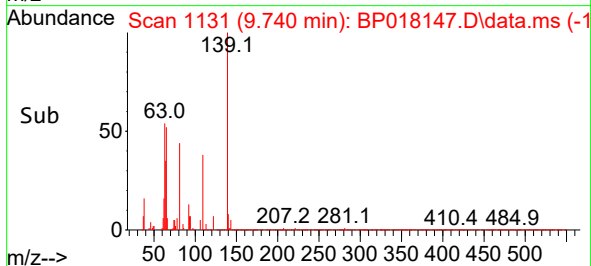
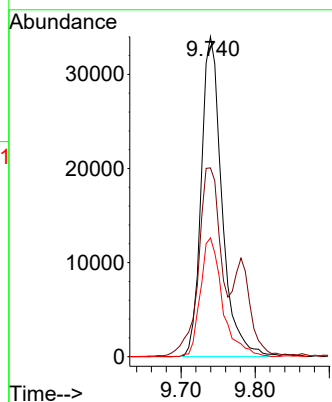
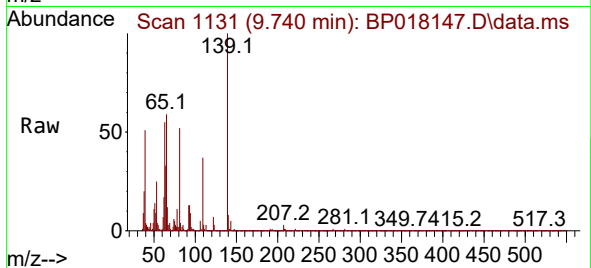
Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:139	Resp:	66066
Ion Ratio	Lower	Upper
139	100	
65	59.0	51.4 77.0
109	37.2	33.1 49.7



#26

2,4-Dimethylphenol

Concen: 17.938 ng/ul

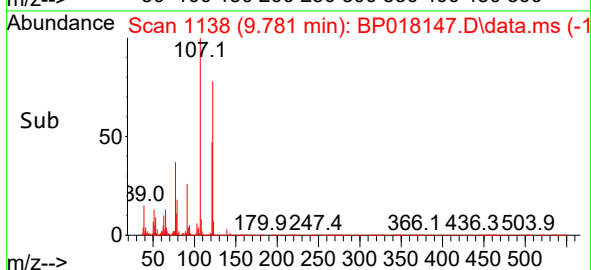
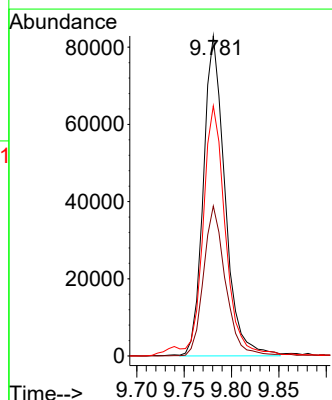
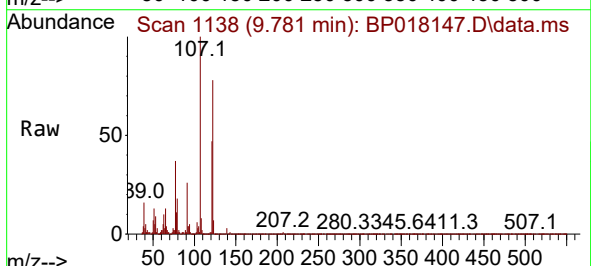
RT: 9.781 min Scan# 1138

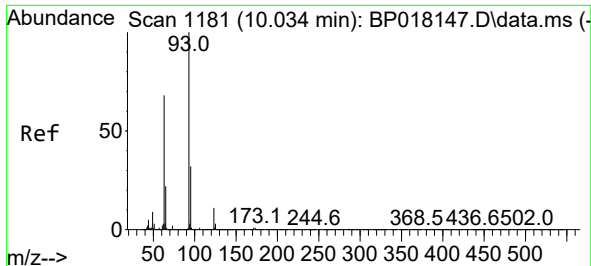
Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Tgt Ion:107	Resp:	131641
Ion Ratio	Lower	Upper
107	100	
121	46.8	37.8 56.8
122	78.2	62.1 93.1

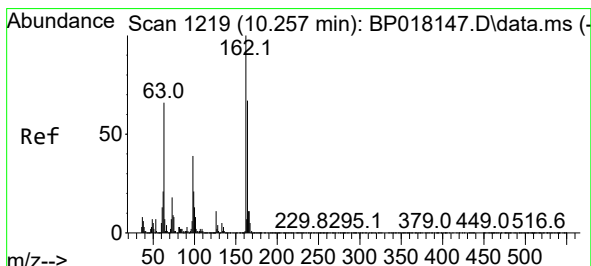
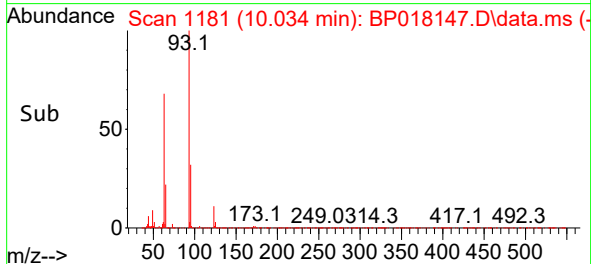
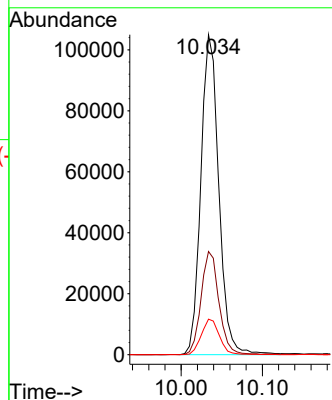
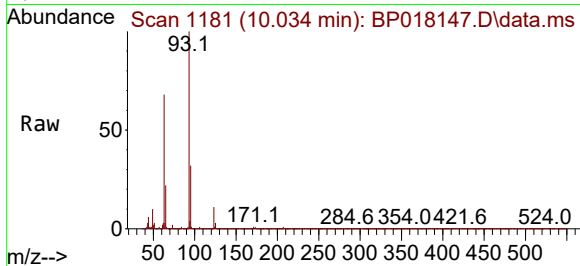




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.250 ng/ul
 RT: 10.034 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: BP018147.D
 Acq: 14 Nov 2023 09:58

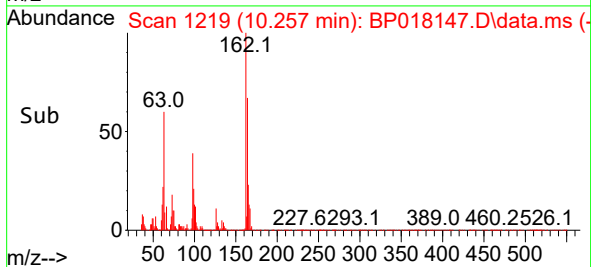
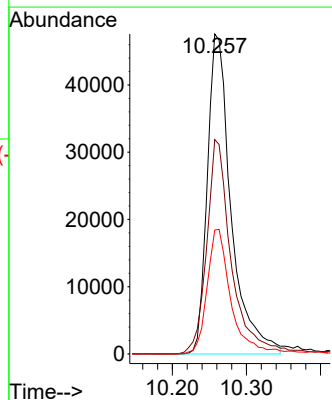
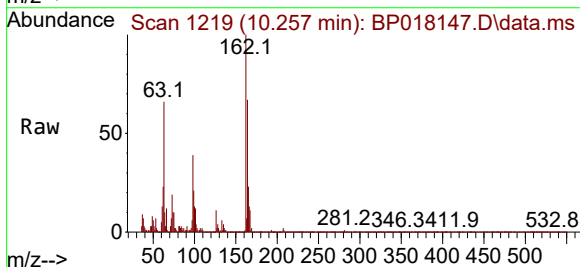
Instrument :
 BNA_P
 ClientSampleId :

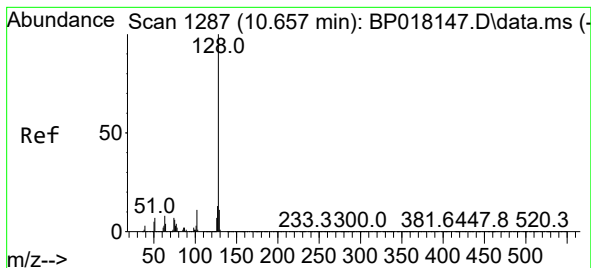
Tgt Ion: 93 Resp: 161232
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.2 39.2
 123 11.1 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 18.560 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. -0.006 min
 Lab File: BP018147.D
 Acq: 14 Nov 2023 09:58

Tgt Ion:162 Resp: 106051
 Ion Ratio Lower Upper
 162 100
 164 67.0 51.8 77.6
 98 38.7 28.7 43.1





#30

Naphthalene

Concen: 19.086 ng/ul

RT: 10.657 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

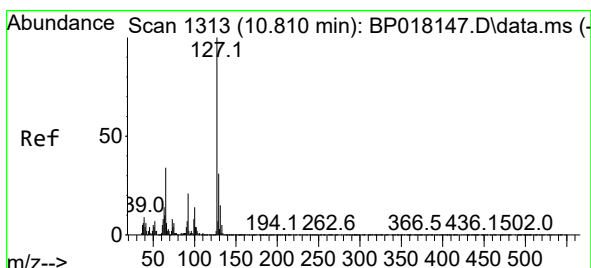
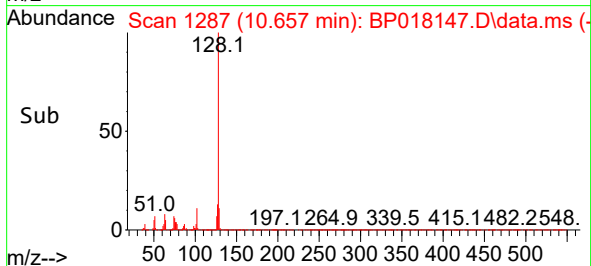
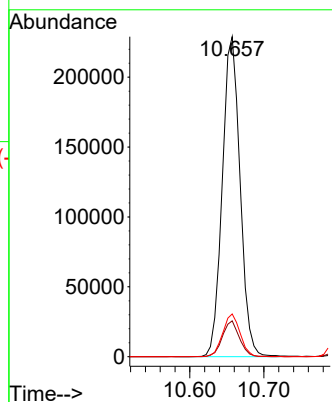
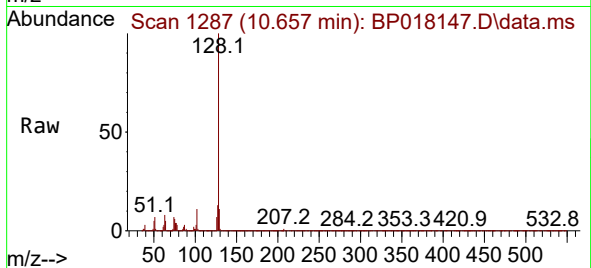
Tgt Ion:128 Resp: 381772

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.3 10.3 15.5



#32

4-Chloroaniline

Concen: 18.913 ng/ul

RT: 10.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BP018147.D

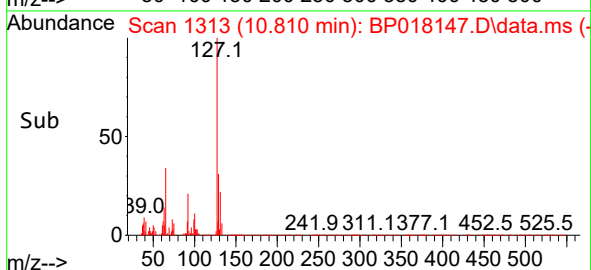
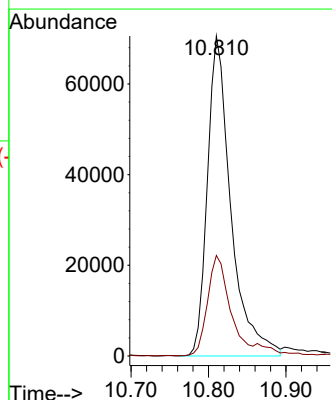
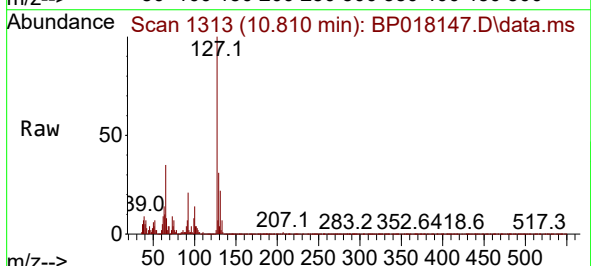
Acq: 14 Nov 2023 09:58

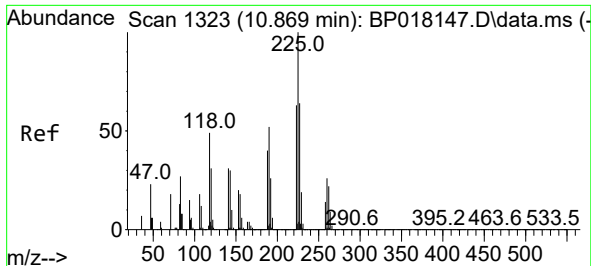
Tgt Ion:127 Resp: 148660

Ion Ratio Lower Upper

127 100

129 31.4 26.1 39.1

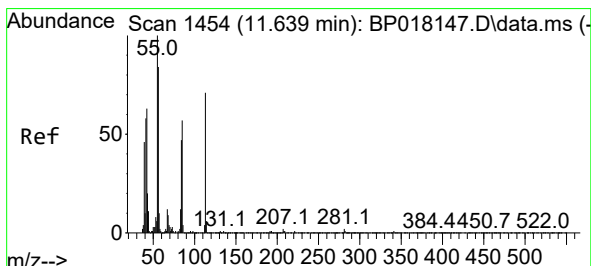
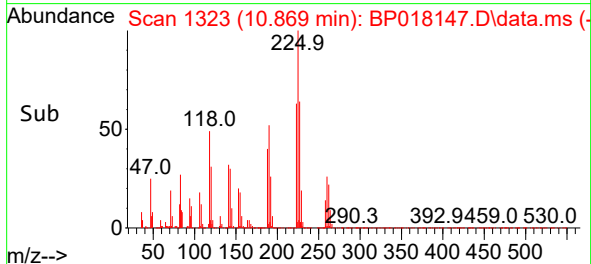
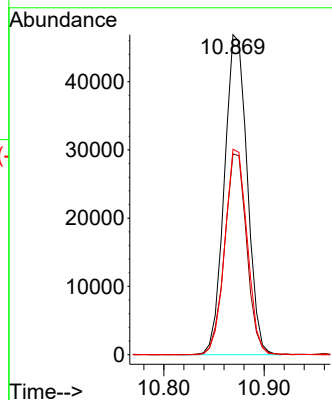
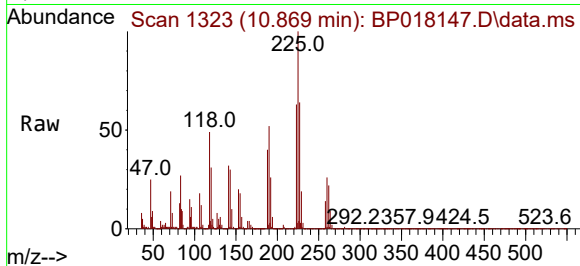




#33
Hexachlorobutadiene
Concen: 17.636 ng/ul
RT: 10.869 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

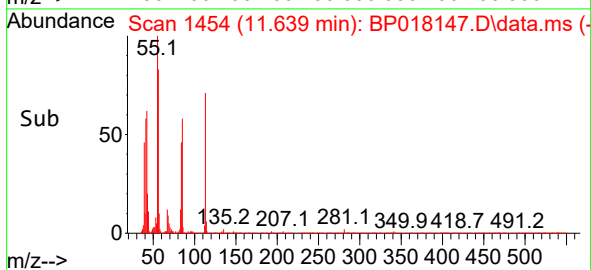
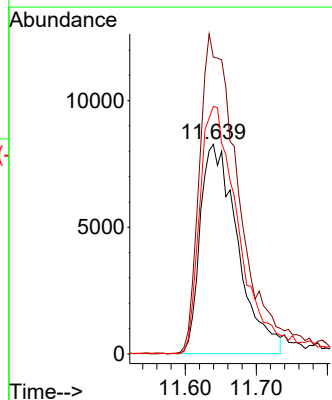
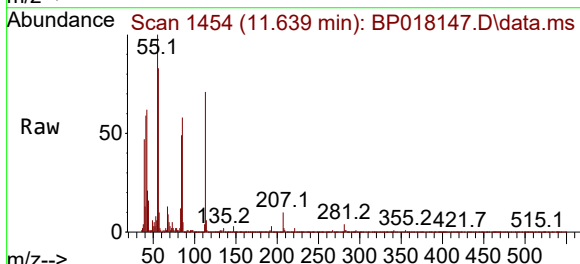
Instrument :
BNA_P
ClientSampleId :

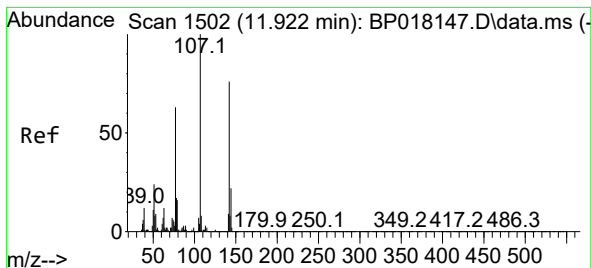
Tgt Ion:225 Resp: 73979
Ion Ratio Lower Upper
225 100
223 62.7 52.5 78.7
227 64.2 51.9 77.9



#34
Caprolactam
Concen: 16.007 ng/ul
RT: 11.639 min Scan# 1454
Delta R.T. -0.030 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:113 Resp: 30385
Ion Ratio Lower Upper
113 100
55 141.6 118.3 177.5
56 118.0 95.6 143.4

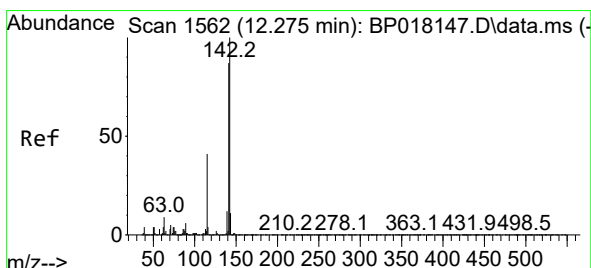
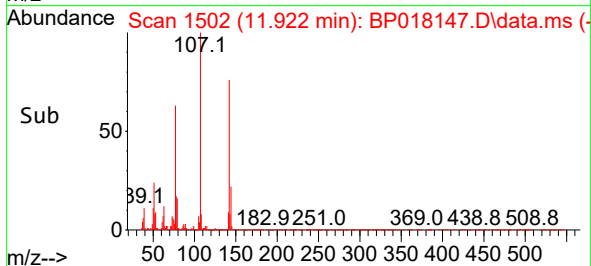
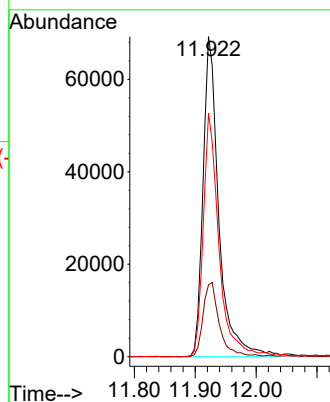
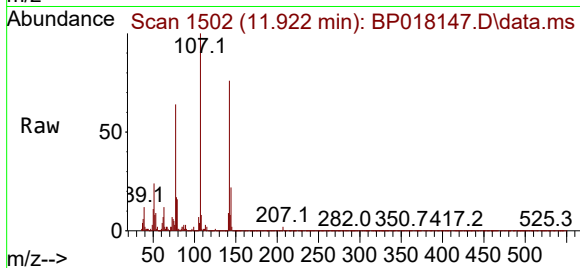




#35
4-Chloro-3-methylphenol
Concen: 18.172 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

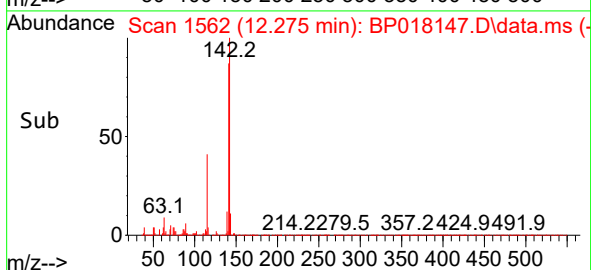
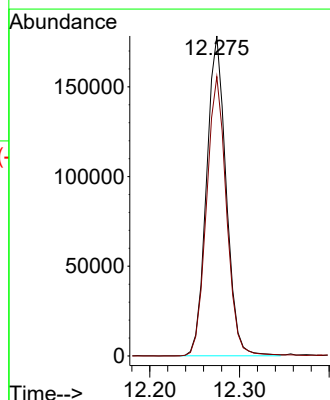
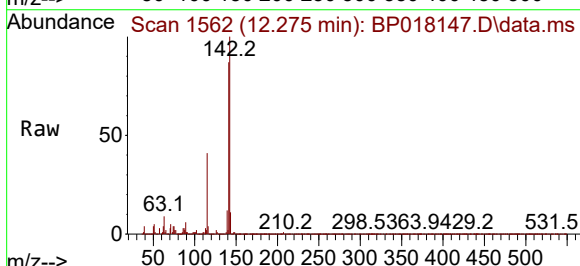
Instrument :
BNA_P
ClientSampleId :

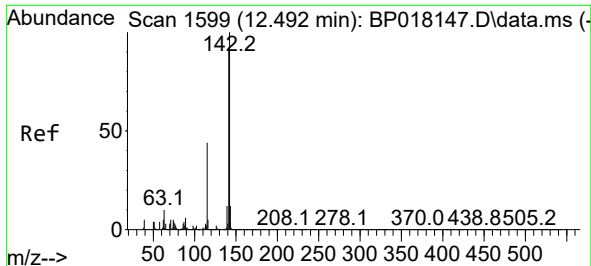
Tgt Ion:107 Resp: 124923
Ion Ratio Lower Upper
107 100
144 22.5 19.1 28.7
142 76.0 54.8 82.2



#36
2-Methylnaphthalene
Concen: 19.679 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:142 Resp: 270250
Ion Ratio Lower Upper
142 100
141 87.3 71.7 107.5

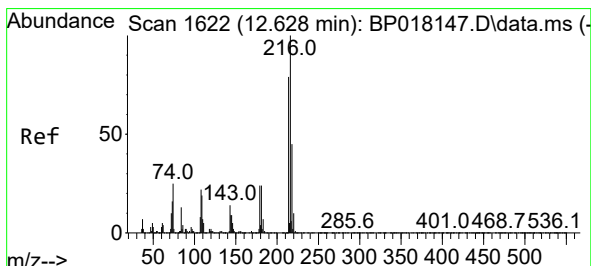
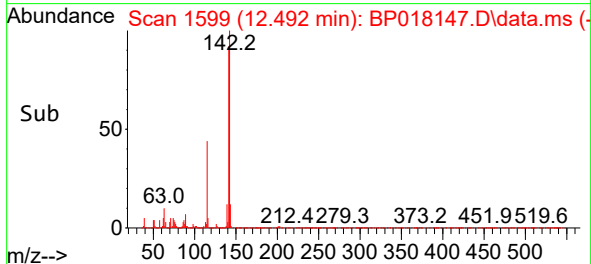
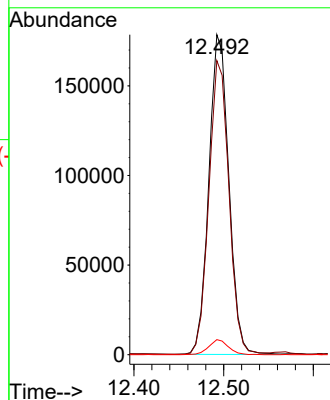
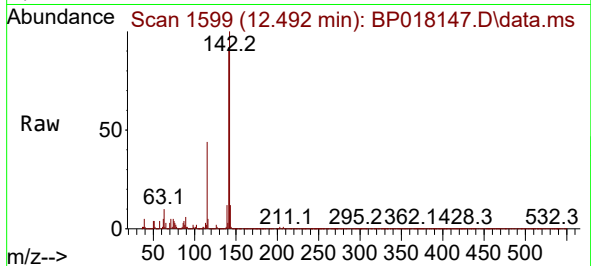




#37
1-Methylnaphthalene
Concen: 19.560 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

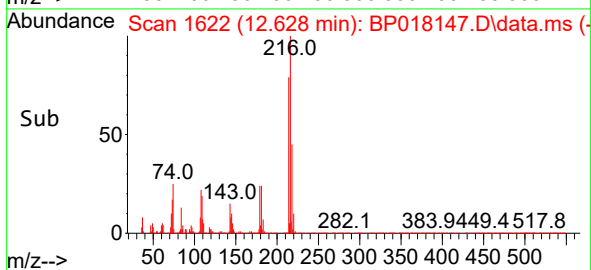
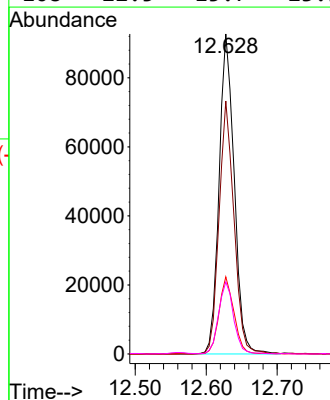
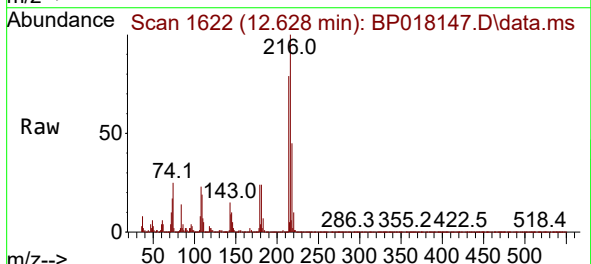
Instrument :
BNA_P
ClientSampleId :

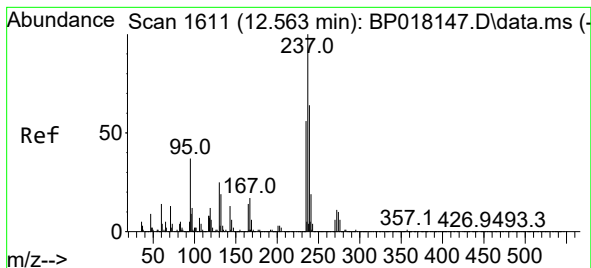
Tgt Ion:142 Resp: 276029
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2
116 4.7 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.761 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:216 Resp: 136952
Ion Ratio Lower Upper
216 100
214 79.1 64.8 97.2
179 24.1 18.3 27.5
108 22.5 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 2.872 ng/ul

RT: 12.563 min Scan# 1611

Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

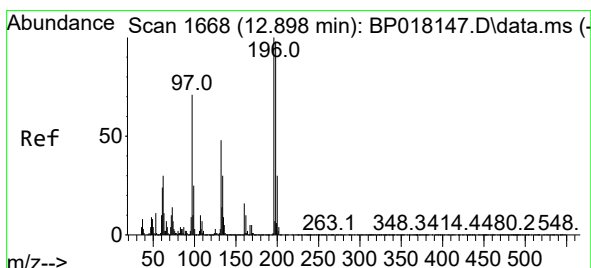
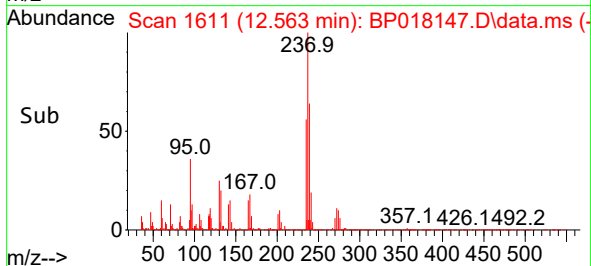
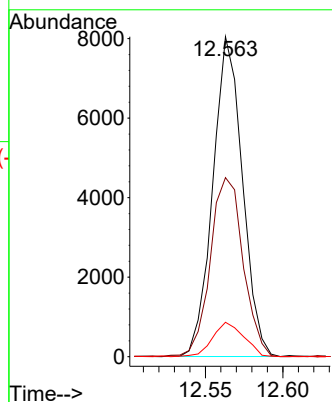
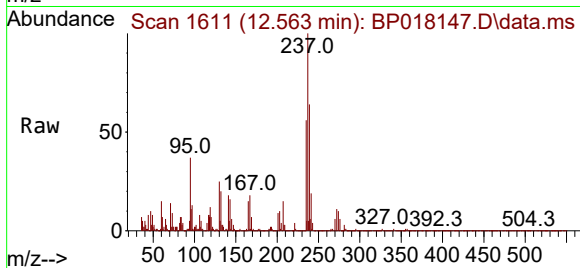
Tgt Ion:237 Resp: 10690

Ion Ratio Lower Upper

237 100

235 56.0 49.9 74.9

272 10.7 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 14.647 ng/ul

RT: 12.898 min Scan# 1668

Delta R.T. -0.012 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

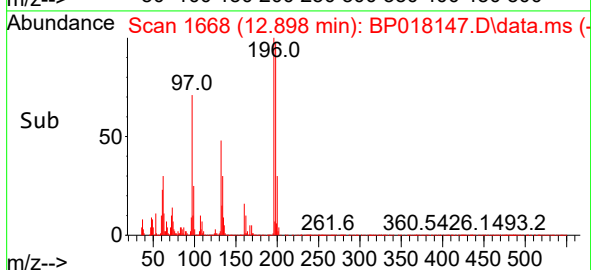
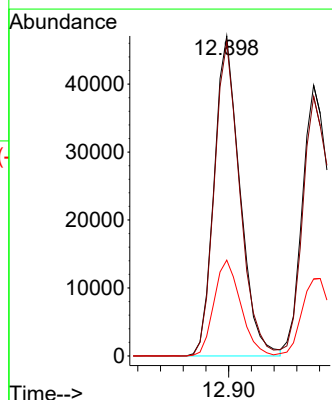
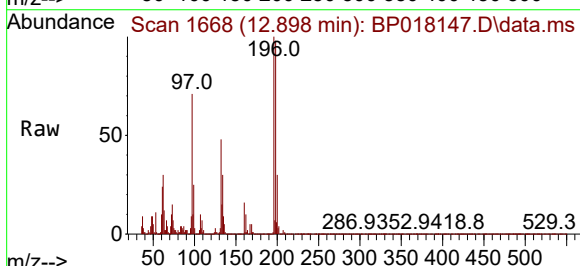
Tgt Ion:196 Resp: 74089

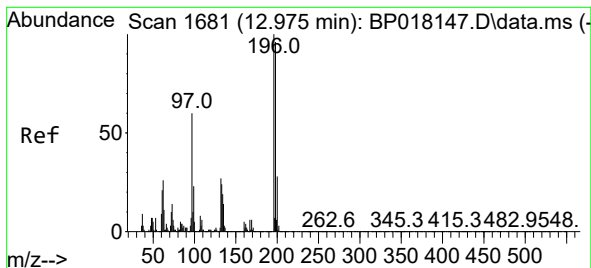
Ion Ratio Lower Upper

196 100

198 98.1 78.9 118.3

200 29.9 25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 14.935 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

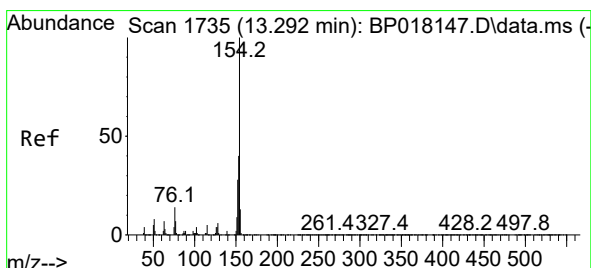
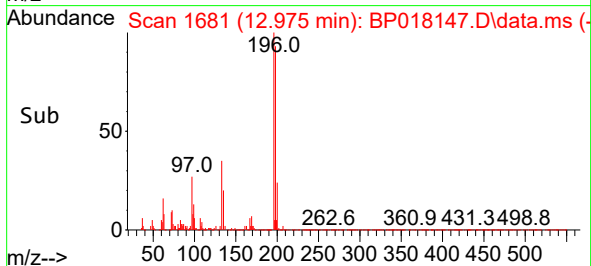
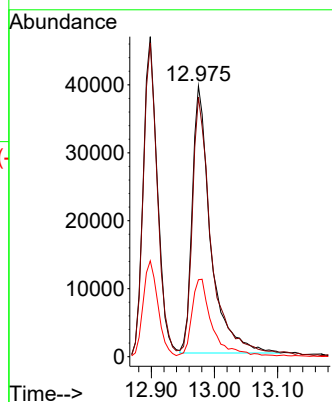
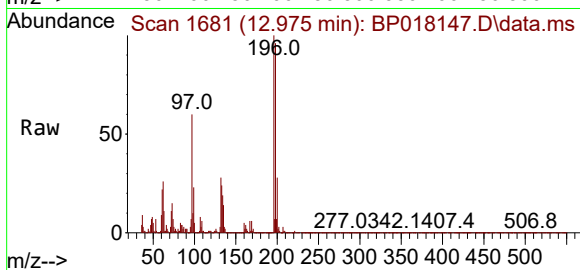
Tgt Ion:196 Resp: 79505

Ion Ratio Lower Upper

196 100

198 95.9 78.9 118.3

200 28.4 26.6 40.0



#43

1,1'-Biphenyl

Concen: 18.955 ng/ul

RT: 13.292 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

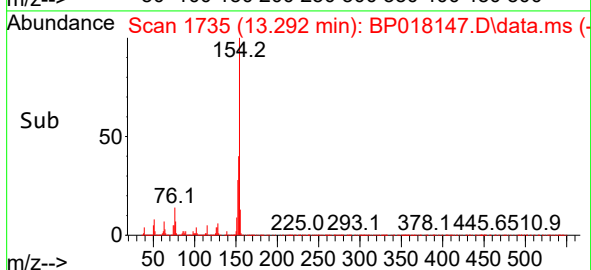
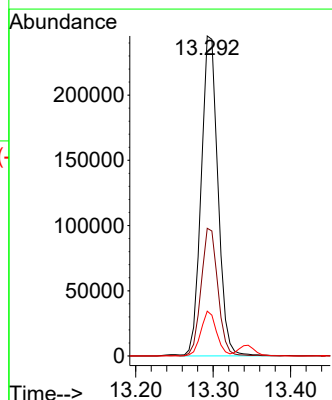
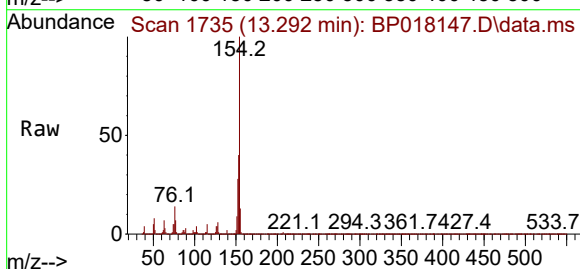
Tgt Ion:154 Resp: 367890

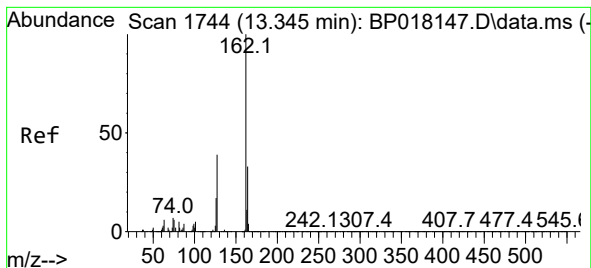
Ion Ratio Lower Upper

154 100

153 39.9 32.4 48.6

76 14.0 9.8 14.8





#44

2-Chloronaphthalene

Concen: 18.602 ng/ul

RT: 13.345 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

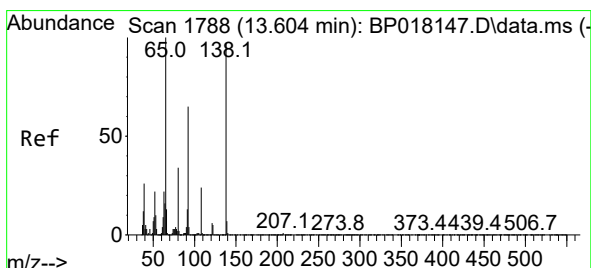
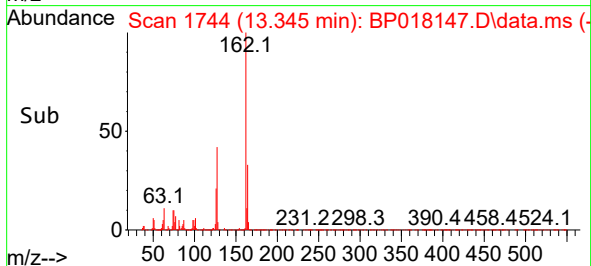
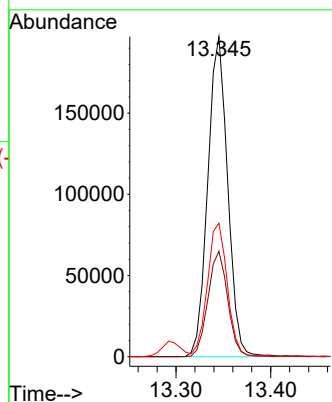
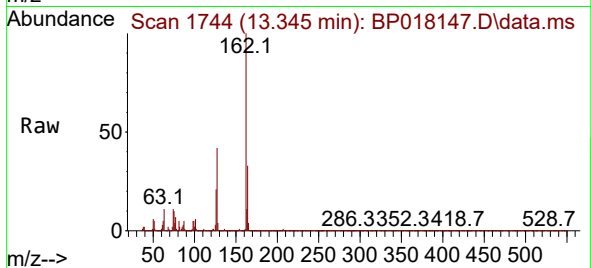
Tgt Ion:162 Resp: 286642

Ion Ratio Lower Upper

162 100

164 32.9 26.9 40.3

127 41.7 35.4 53.2



#45

2-Nitroaniline

Concen: 17.866 ng/ul

RT: 13.604 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

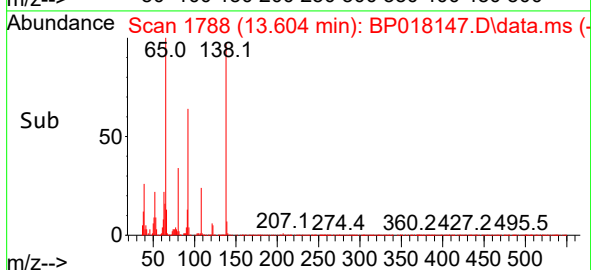
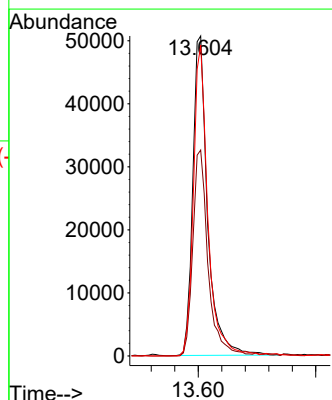
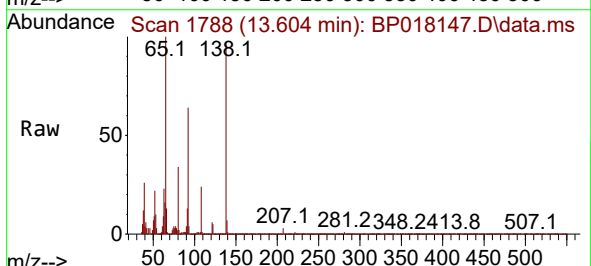
Tgt Ion: 65 Resp: 88842

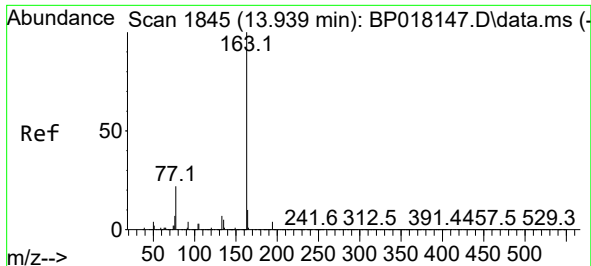
Ion Ratio Lower Upper

65 100

92 64.3 53.8 80.6

138 97.2 75.1 112.7

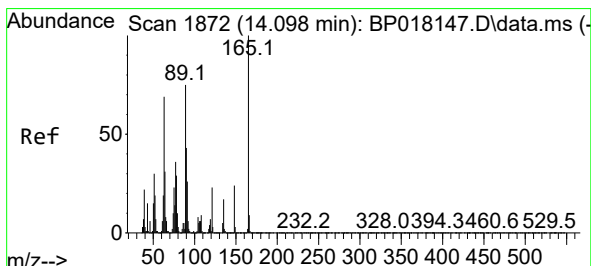
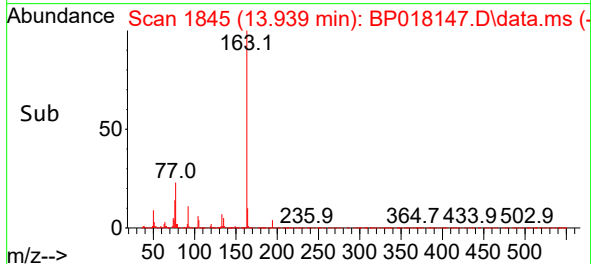
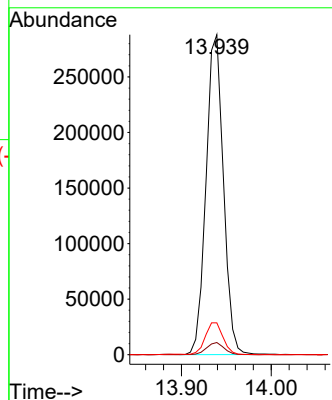
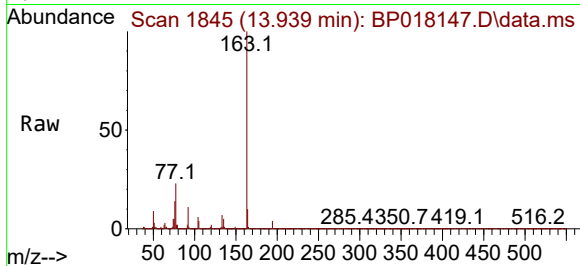




#47
Dimethylphthalate
Concen: 18.748 ng/ul
RT: 13.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

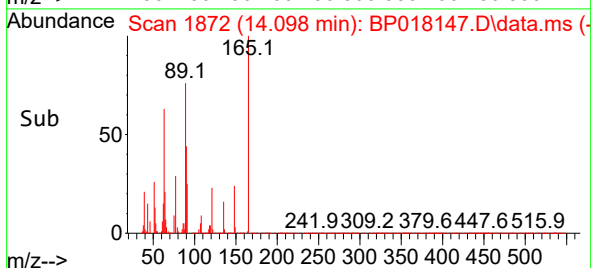
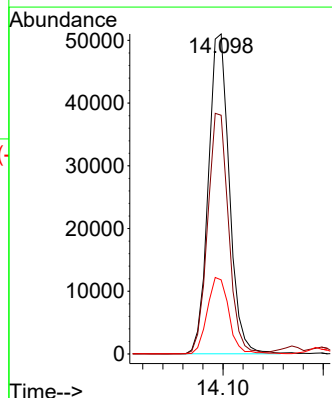
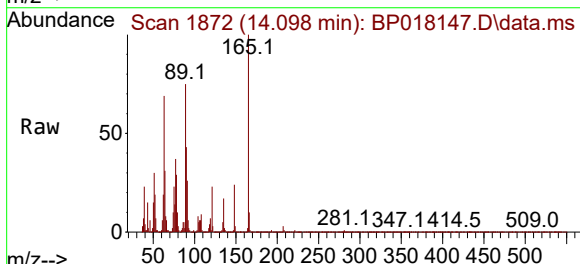
Instrument :
BNA_P
ClientSampleId :

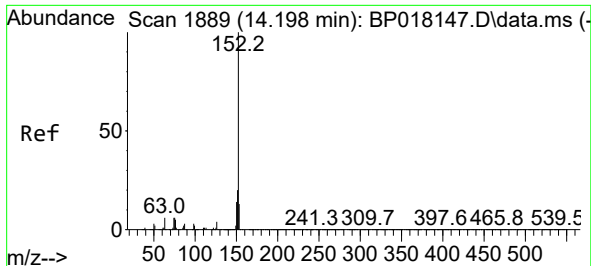
Tgt Ion:163 Resp: 387319
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.0 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 18.029 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:165 Resp: 74031
Ion Ratio Lower Upper
165 100
89 74.6 59.4 89.0
121 23.1 18.2 27.4

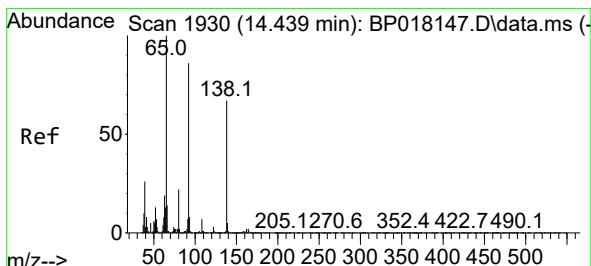
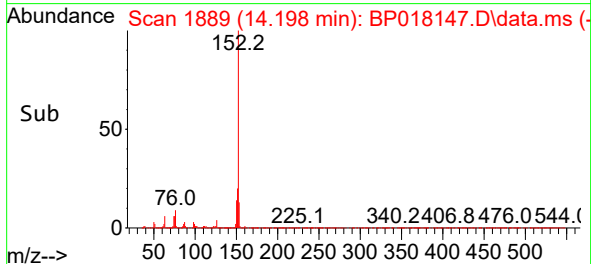
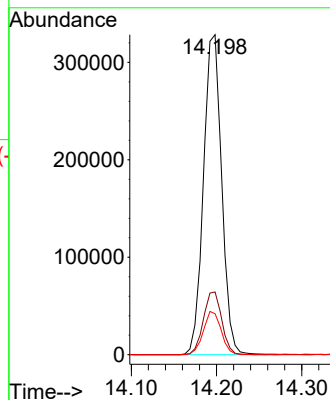
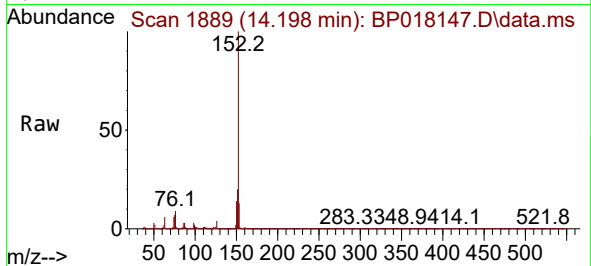




#50
Acenaphthylene
Concen: 18.800 ng/ul
RT: 14.198 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

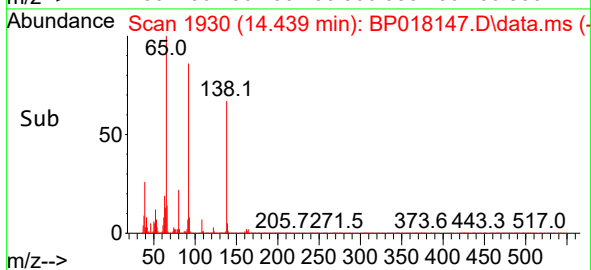
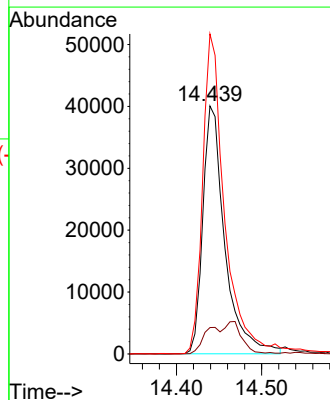
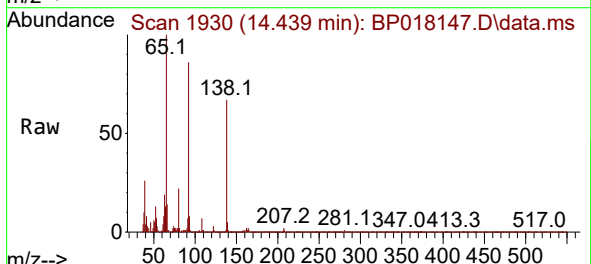
Instrument :
BNA_P
ClientSampleId :

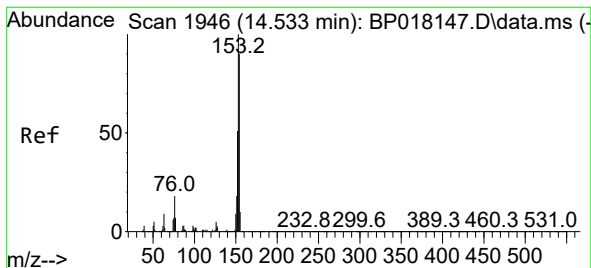
Tgt Ion:152 Resp: 486874
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 12.8 10.4 15.6



#51
3-Nitroaniline
Concen: 18.912 ng/ul
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:138 Resp: 72062
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 129.0 99.0 148.4





#52

Acenaphthene

Concen: 19.003 ng/ul

RT: 14.533 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

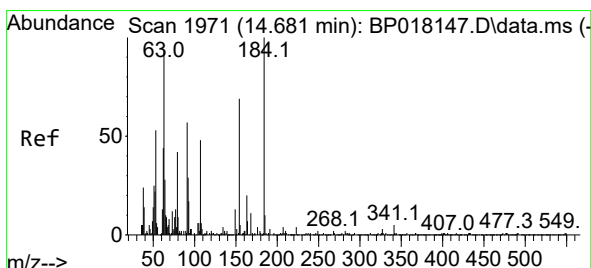
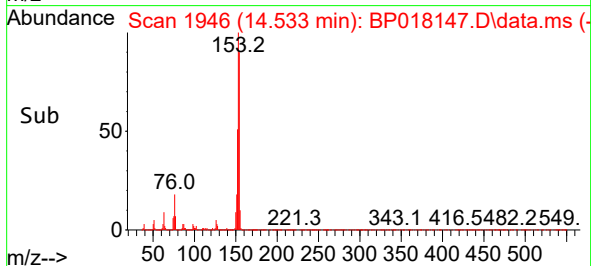
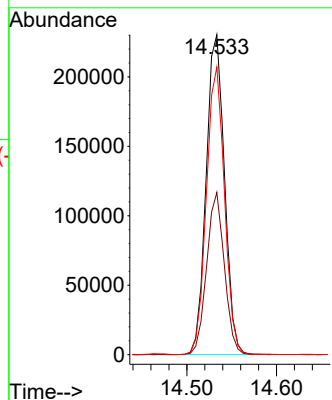
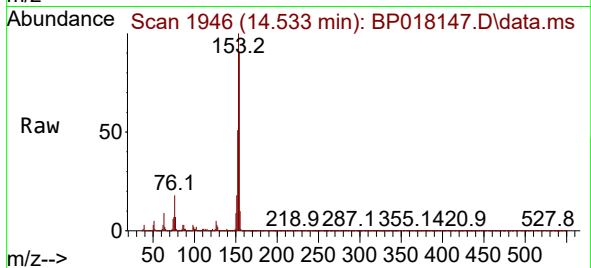
Tgt Ion:153 Resp: 326337

Ion Ratio Lower Upper

153 100

152 50.7 39.0 58.6

154 89.9 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 2.778 ng/ul

RT: 14.681 min Scan# 1971

Delta R.T. -0.053 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

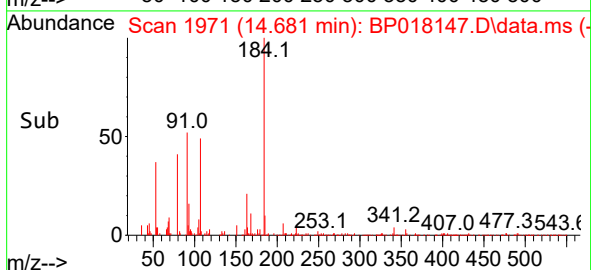
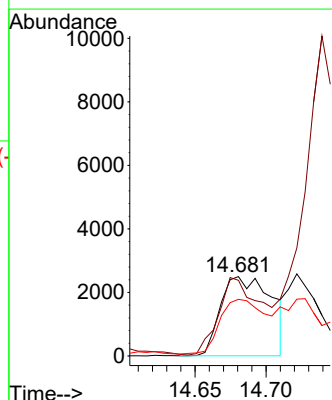
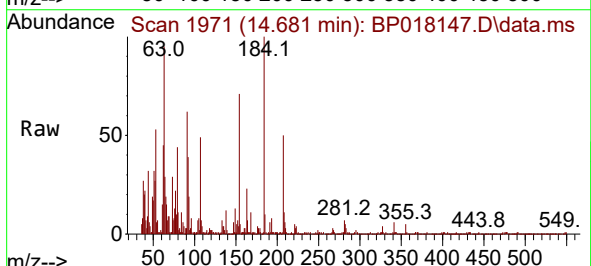
Tgt Ion:184 Resp: 6223

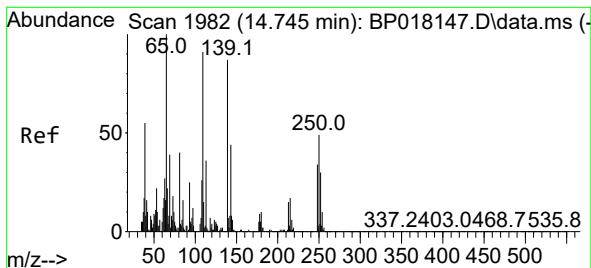
Ion Ratio Lower Upper

184 100

63 95.2 67.7 101.5

154 71.3 60.2 90.4

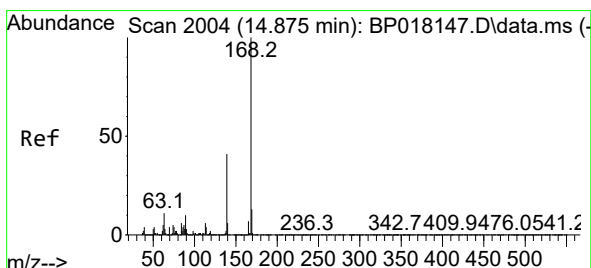
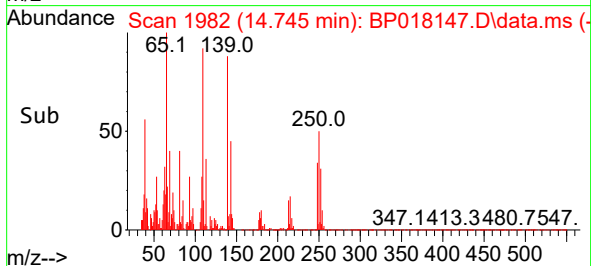
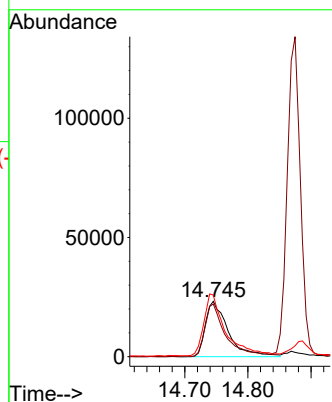
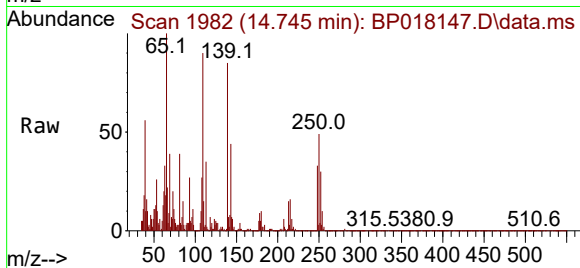




#55
4-Nitrophenol
Concen: 13.896 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

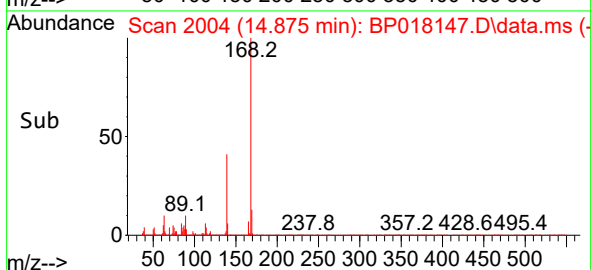
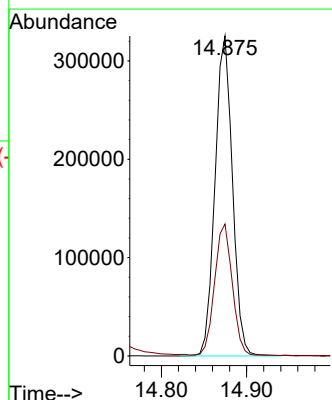
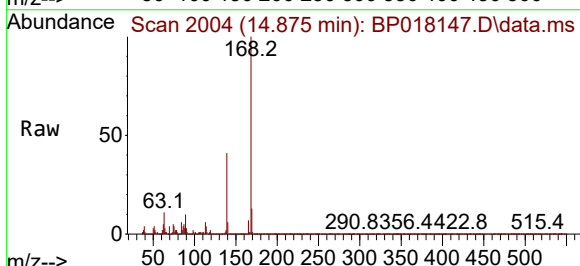
Instrument :
BNA_P
ClientSampleId :

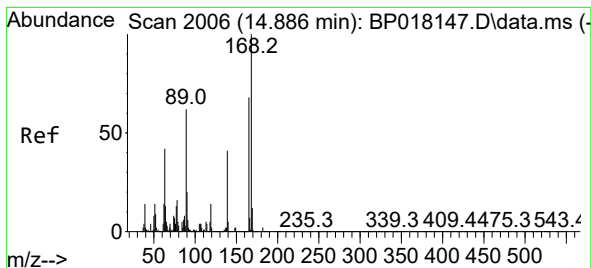
Tgt Ion:109 Resp: 58048
Ion Ratio Lower Upper
109 100
139 95.1 74.9 112.3
65 111.4 93.8 140.6



#56
Dibenzofuran
Concen: 19.632 ng/ul
RT: 14.875 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:168 Resp: 462011
Ion Ratio Lower Upper
168 100
139 41.2 34.0 51.0

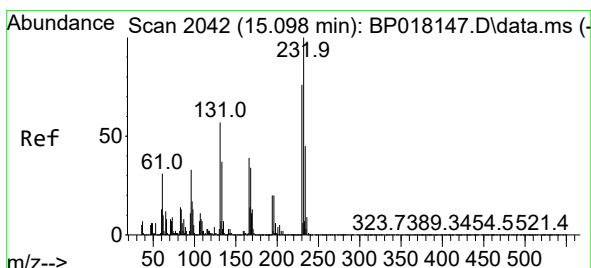
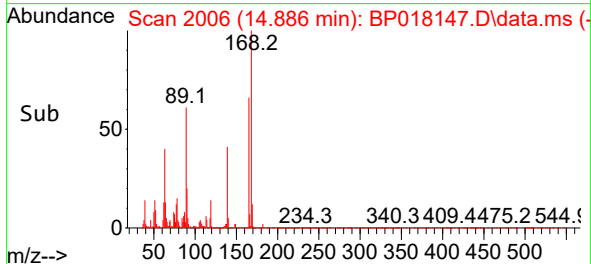
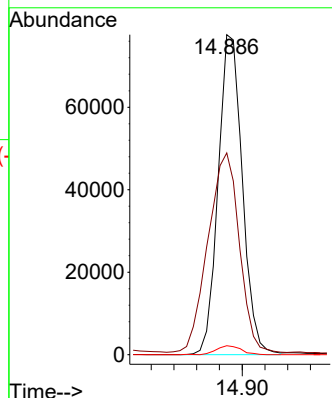
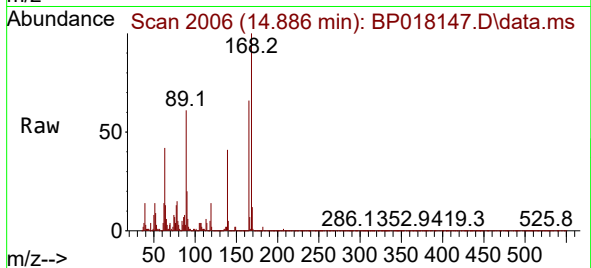




#57
2,4-Dinitrotoluene
Concen: 18.680 ng/ul
RT: 14.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

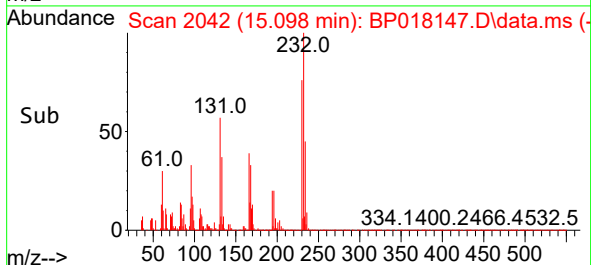
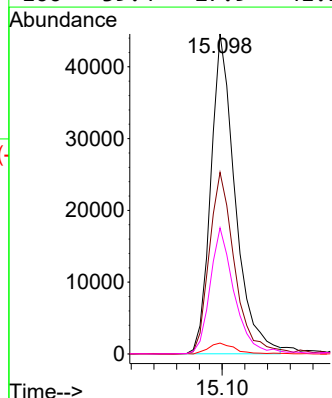
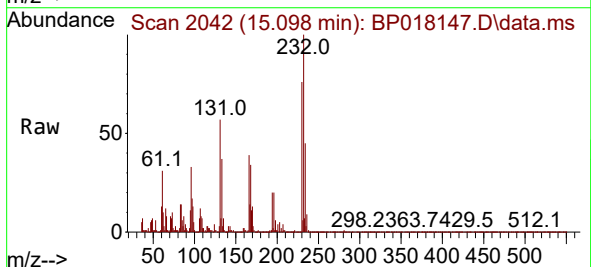
Instrument :
BNA_P
ClientSampleId :

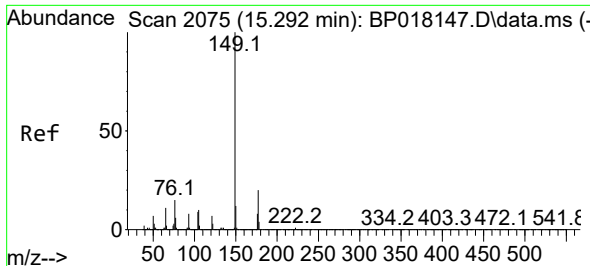
Tgt Ion:165 Resp: 114602
Ion Ratio Lower Upper
165 100
63 63.0 48.6 72.8
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 14.031 ng/ul
RT: 15.098 min Scan# 2042
Delta R.T. -0.047 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:232 Resp: 66447
Ion Ratio Lower Upper
232 100
131 56.8 44.1 66.1
130 3.4 2.5 3.7
166 39.4 27.9 41.9

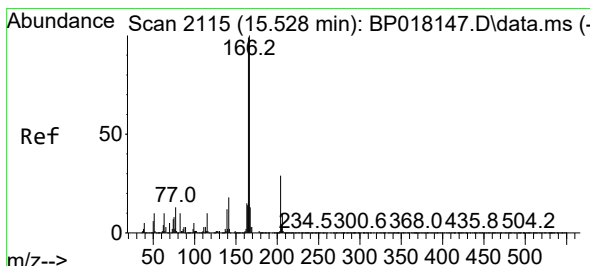
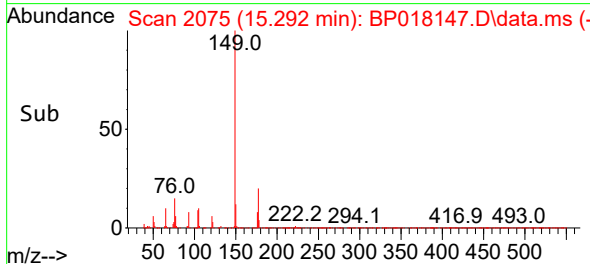
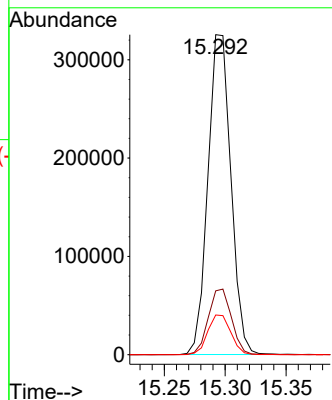
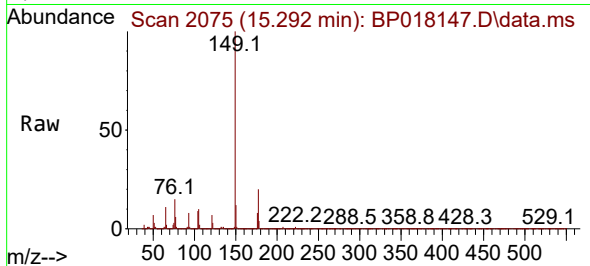




#59
Diethylphthalate
Concen: 19.876 ng/ul
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

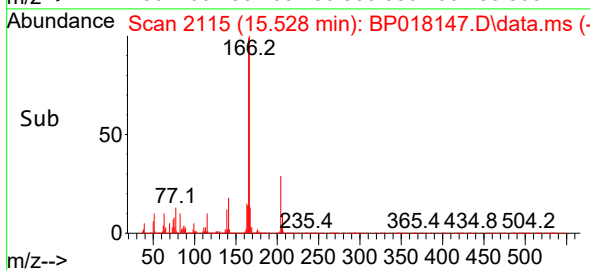
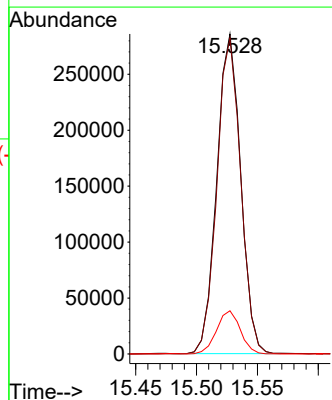
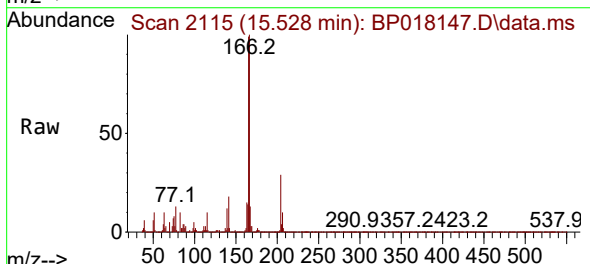
Instrument :
BNA_P
ClientSampleId :

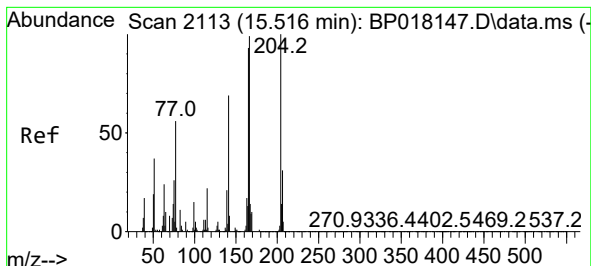
Tgt Ion:149 Resp: 428987
Ion Ratio Lower Upper
149 100
177 19.9 16.3 24.5
150 12.4 10.0 15.0



#61
Fluorene
Concen: 19.543 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:166 Resp: 390465
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 13.5 10.6 16.0

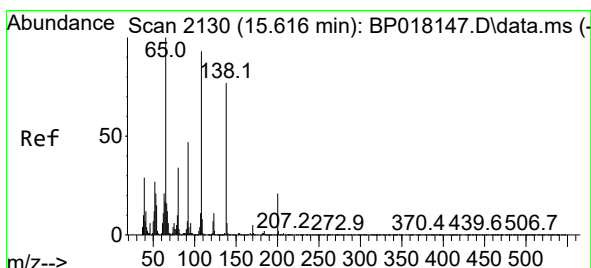
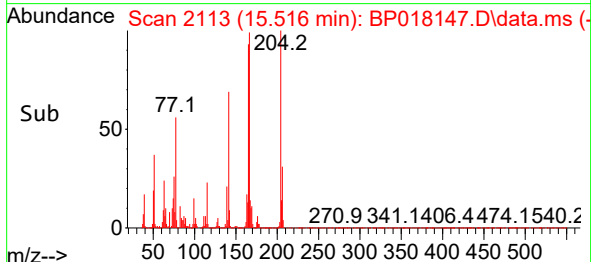
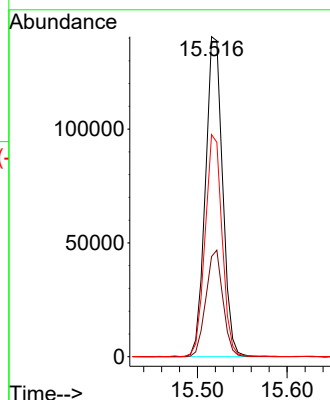
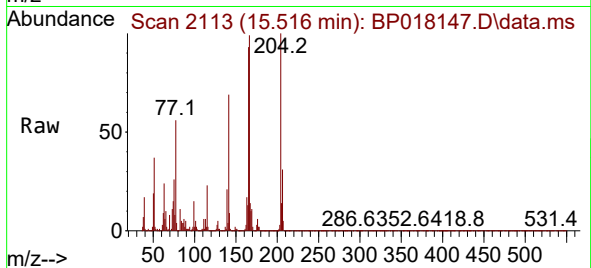




#62
4-Chlorophenyl-phenylether
Concen: 19.110 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

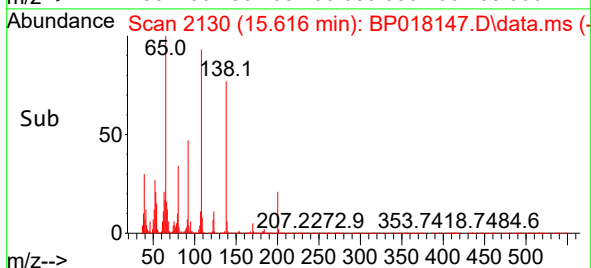
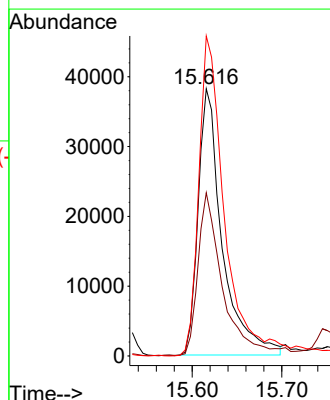
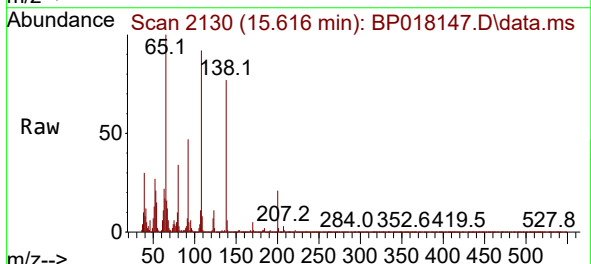
Instrument :
BNA_P
ClientSampleId :

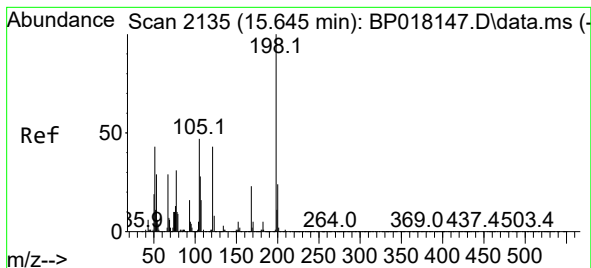
Tgt Ion:204 Resp: 187101
Ion Ratio Lower Upper
204 100
206 31.3 26.2 39.2
141 69.4 56.0 84.0



#63
4-Nitroaniline
Concen: 19.795 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:138 Resp: 71174
Ion Ratio Lower Upper
138 100
92 61.1 46.6 70.0
108 119.8 104.7 157.1

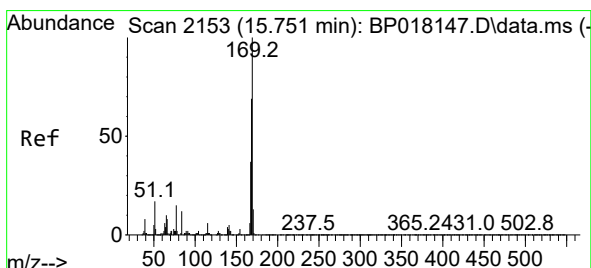
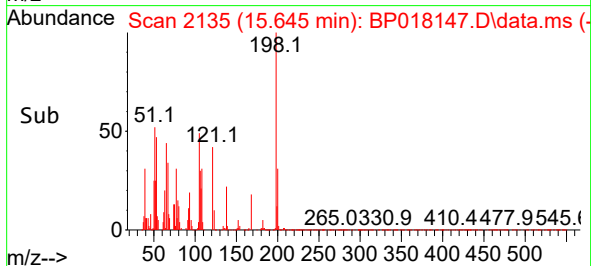
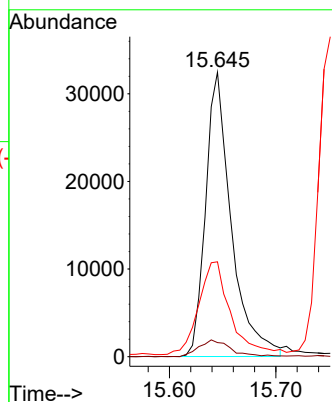
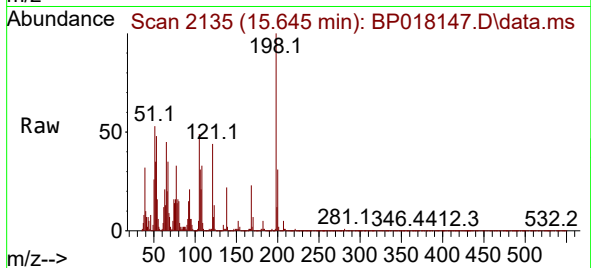




#66
4,6-Dinitro-2-methylphenol
Concen: 13.641 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.036 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

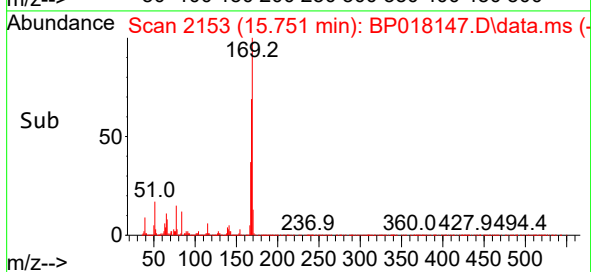
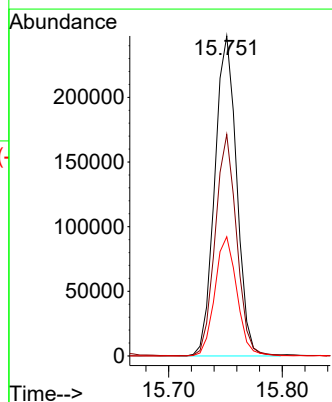
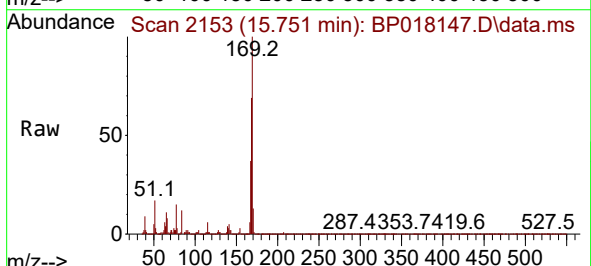
Instrument :
BNA_P
ClientSampleId :

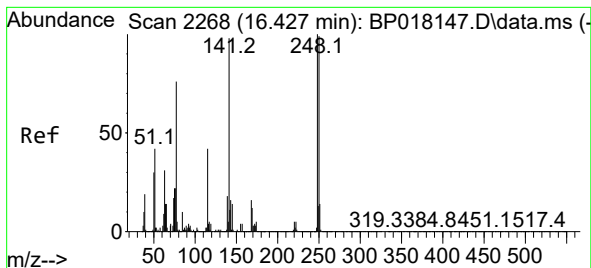
Tgt Ion:198 Resp: 54353
Ion Ratio Lower Upper
198 100
182 5.0 3.8 5.6
77 33.3 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 19.492 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:169 Resp: 332034
Ion Ratio Lower Upper
169 100
168 69.2 53.8 80.8
167 37.3 29.8 44.6

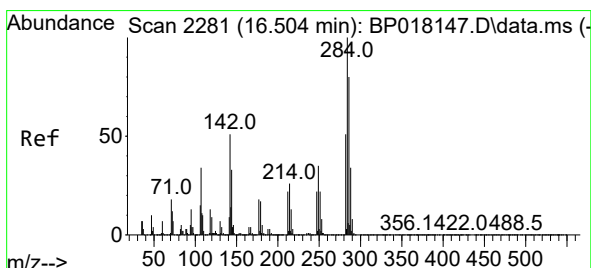
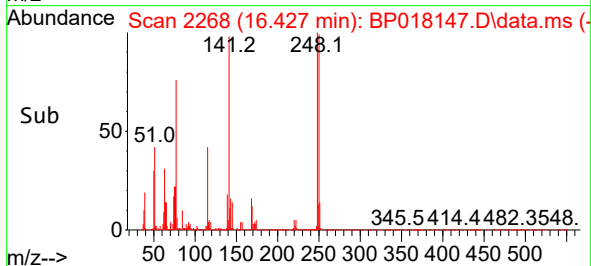
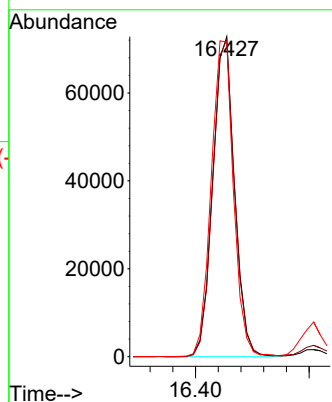
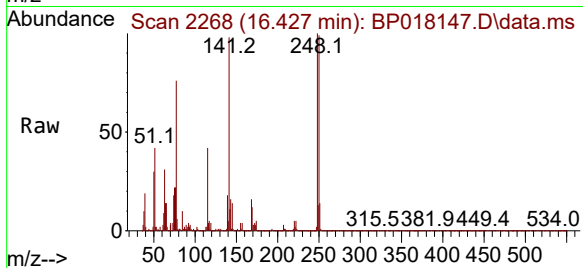




#68
4-Bromophenyl-phenylether
Concen: 16.138 ng/ul
RT: 16.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

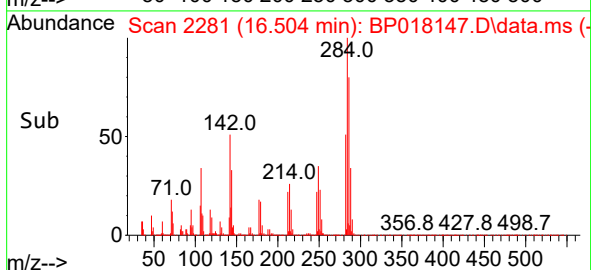
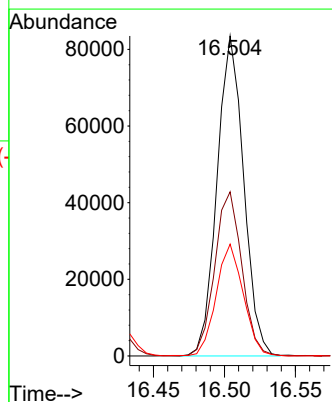
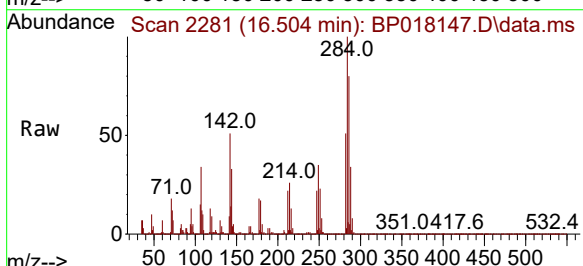
Instrument :
BNA_P
ClientSampleId :

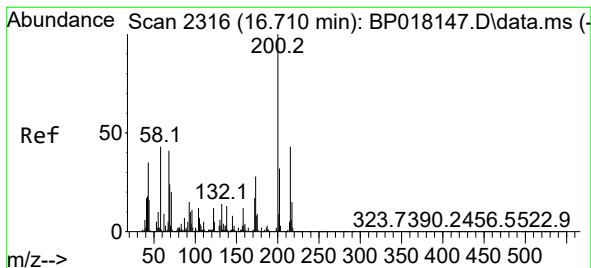
Tgt Ion:248 Resp: 96612
Ion Ratio Lower Upper
248 100
250 99.1 72.7 109.1
141 98.4 70.4 105.6



#69
Hexachlorobenzene
Concen: 16.304 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:284 Resp: 108913
Ion Ratio Lower Upper
284 100
142 51.3 38.9 58.3
249 35.0 28.6 43.0





#70

Atrazine

Concen: 18.847 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. -0.041 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

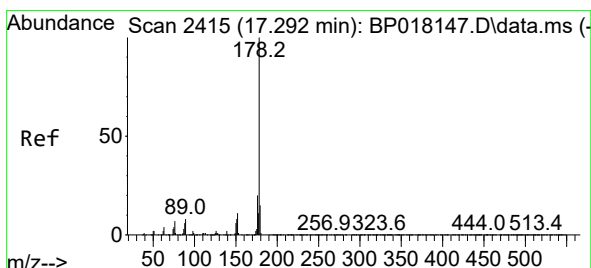
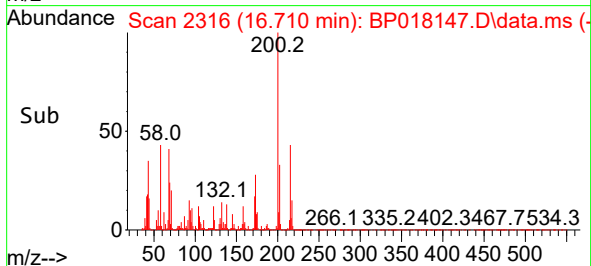
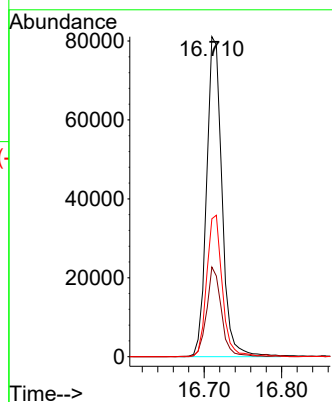
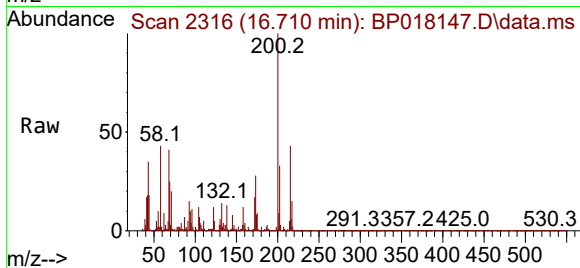
Tgt Ion:200 Resp: 111995

Ion Ratio Lower Upper

200 100

173 28.0 20.2 30.2

215 43.1 37.8 56.8



#72

Phenanthrene

Concen: 19.684 ng/ul

RT: 17.292 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

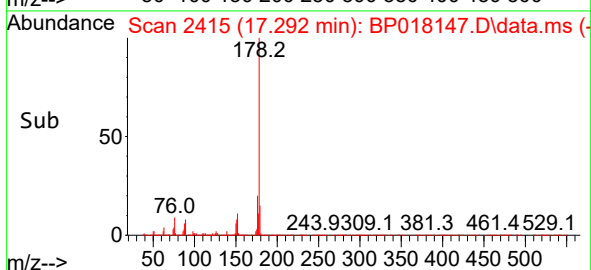
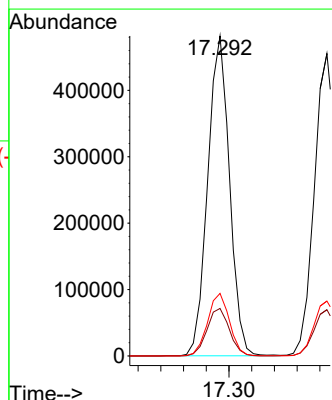
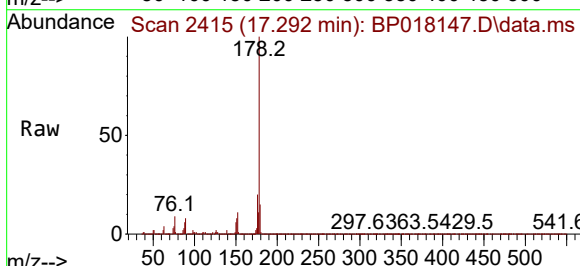
Tgt Ion:178 Resp: 641951

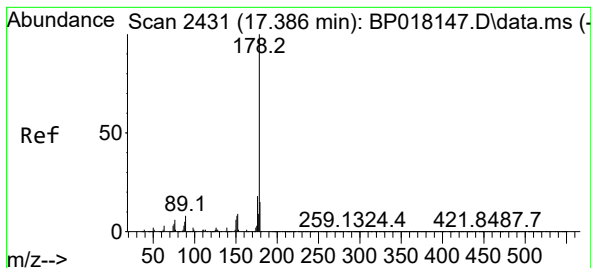
Ion Ratio Lower Upper

178 100

179 14.9 12.0 18.0

176 19.6 15.5 23.3





#74

Anthracene

Concen: 19.683 ng/uI

RT: 17.386 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

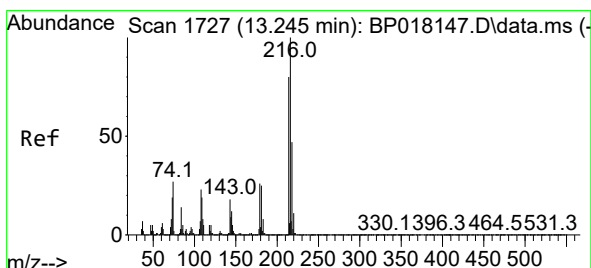
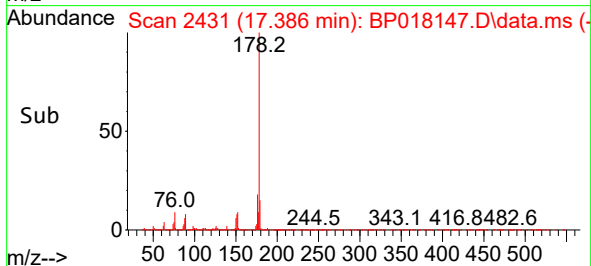
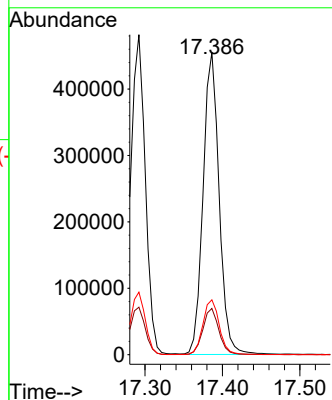
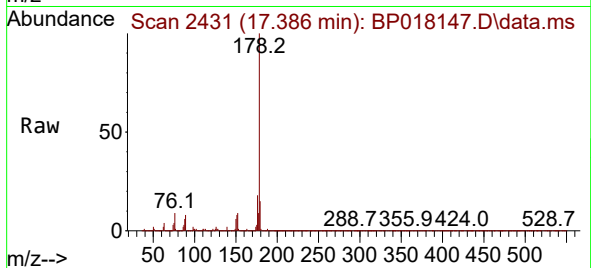
Tgt Ion:178 Resp: 655095

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 18.2 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 16.766 ng/uI

RT: 13.245 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

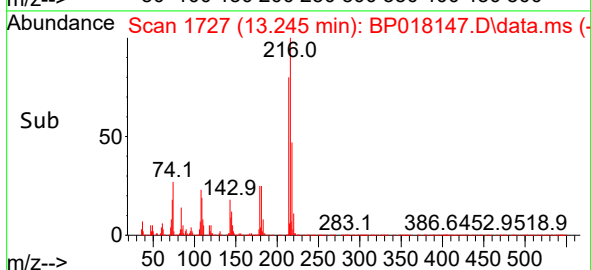
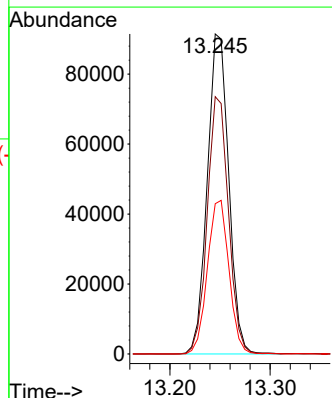
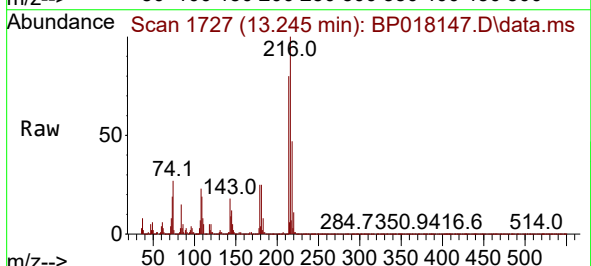
Tgt Ion:216 Resp: 135996

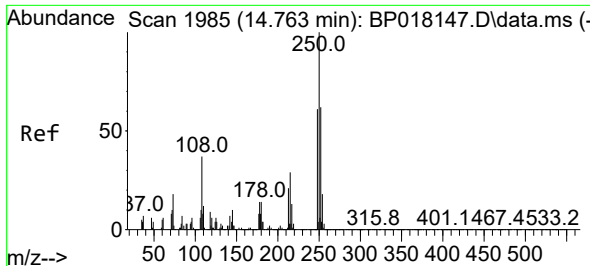
Ion Ratio Lower Upper

216 100

214 80.4 64.0 96.0

218 47.0 39.0 58.4

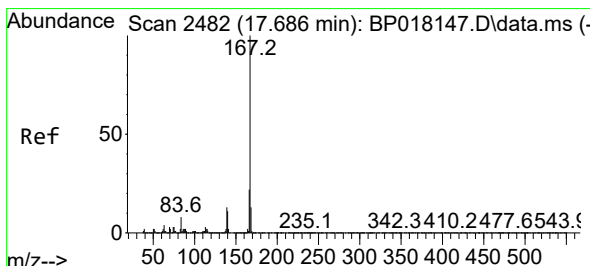
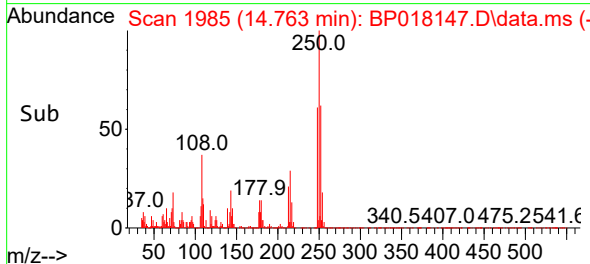
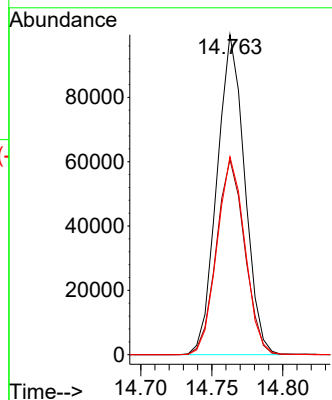
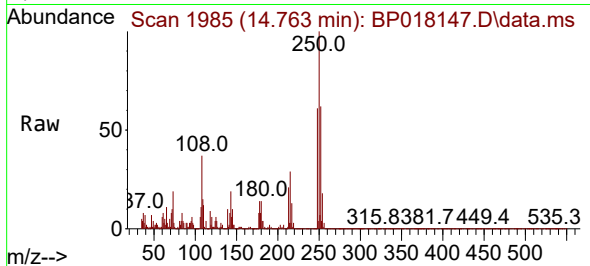




#76
 Pentachlorobenzene
 Concen: 16.981 ng/uL
 RT: 14.763 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: BP018147.D
 Acq: 14 Nov 2023 09:58

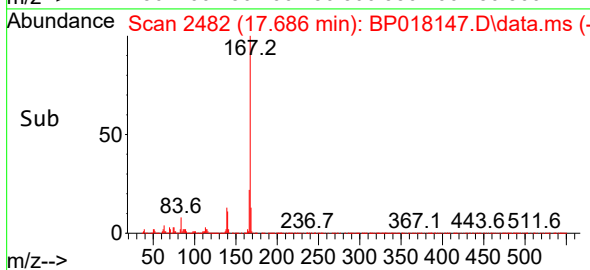
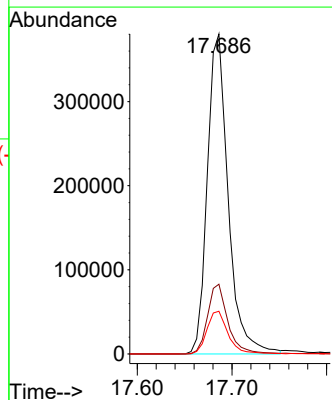
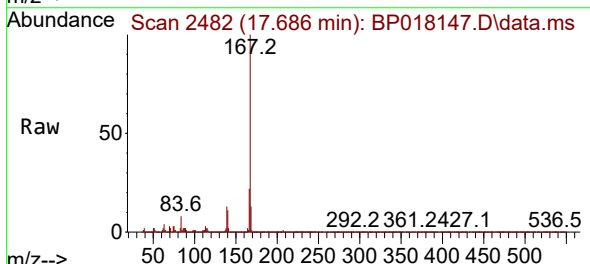
Instrument :
 BNA_P
 ClientSampleId :

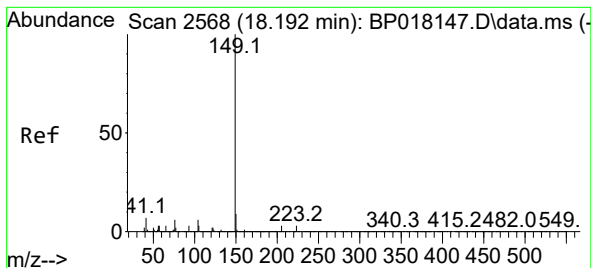
Tgt Ion:250 Resp: 134839
 Ion Ratio Lower Upper
 250 100
 248 61.0 52.7 79.1
 252 61.9 52.3 78.5



#77
 Carbazole
 Concen: 20.154 ng/uL
 RT: 17.686 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BP018147.D
 Acq: 14 Nov 2023 09:58

Tgt Ion:167 Resp: 582483
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.3 11.4 17.0





#78

Di-n-butylphthalate

Concen: 21.151 ng/ul

RT: 18.192 min Scan# 2568

Delta R.T. -0.012 min

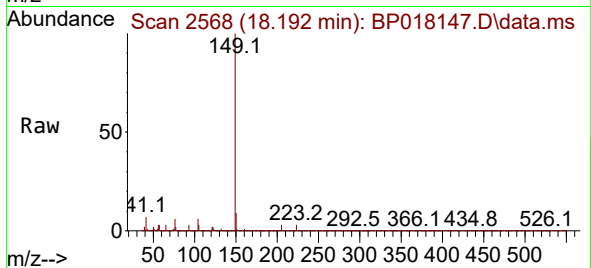
Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :



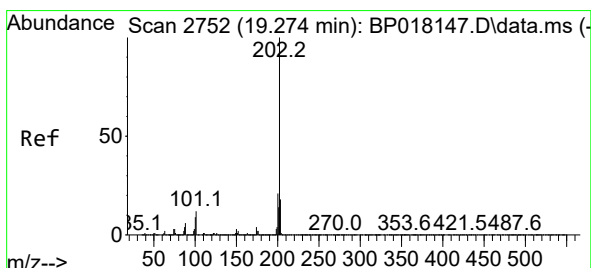
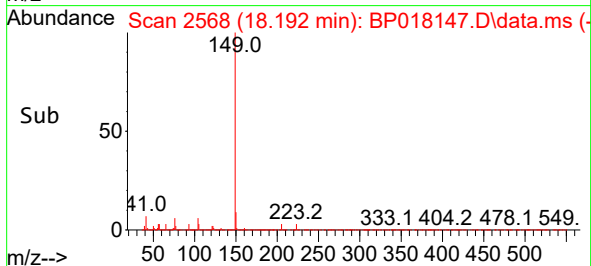
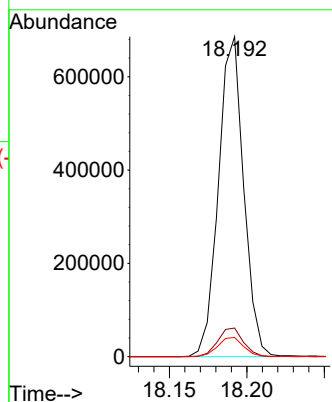
Tgt Ion:149 Resp: 775645

Ion Ratio Lower Upper

149 100

150 8.9 6.7 10.1

104 6.0 5.1 7.7



#80

Fluoranthene

Concen: 19.372 ng/ul

RT: 19.274 min Scan# 2752

Delta R.T. -0.012 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

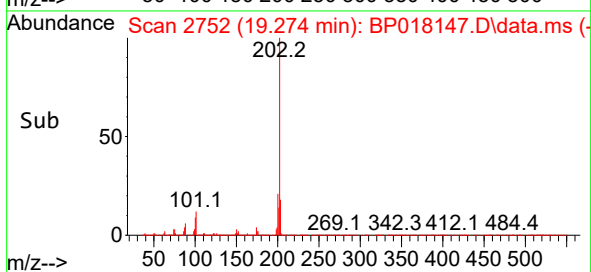
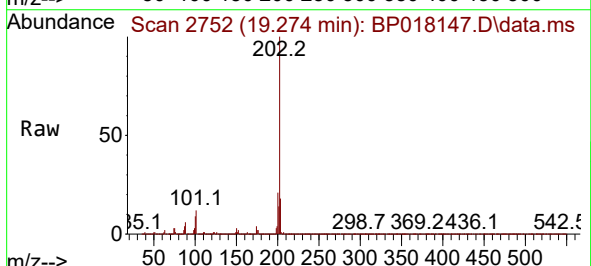
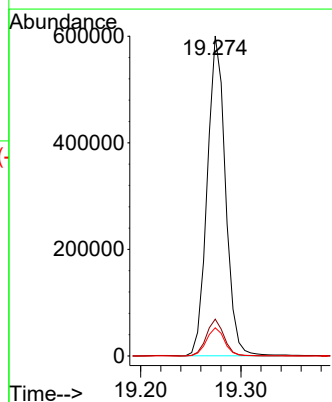
Tgt Ion:202 Resp: 757682

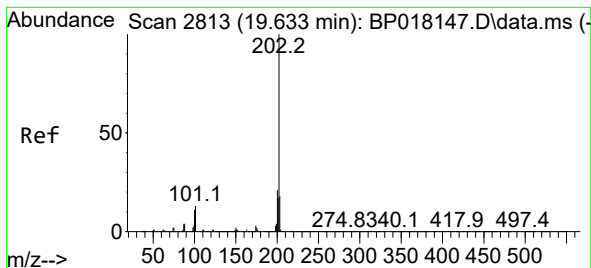
Ion Ratio Lower Upper

202 100

101 11.5 7.2 10.8#

100 8.8 5.8 8.6#





#82

Pyrene

Concen: 19.911 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. -0.012 min

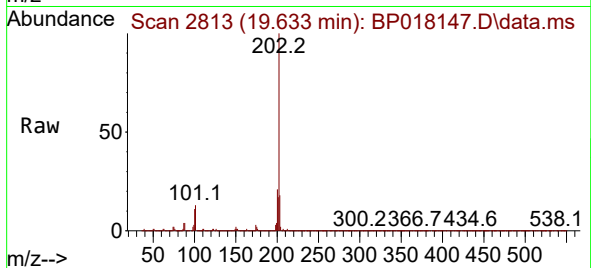
Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :



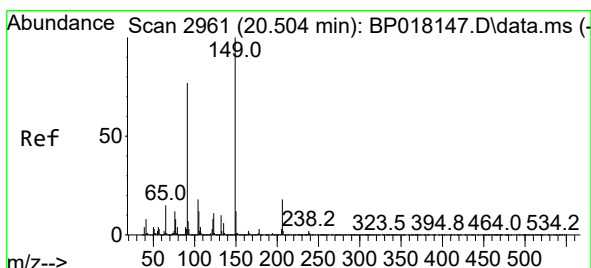
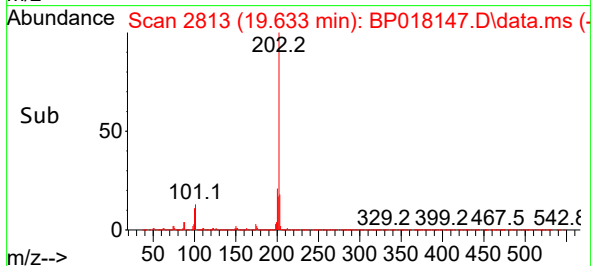
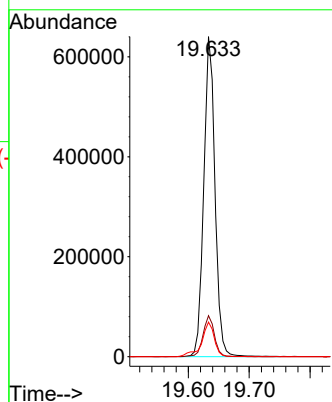
Tgt Ion:202 Resp: 816057

Ion Ratio Lower Upper

202 100

101 12.8 8.3 12.5#

100 10.8 7.4 11.2



#83

Butylbenzylphthalate

Concen: 21.125 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. -0.012 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

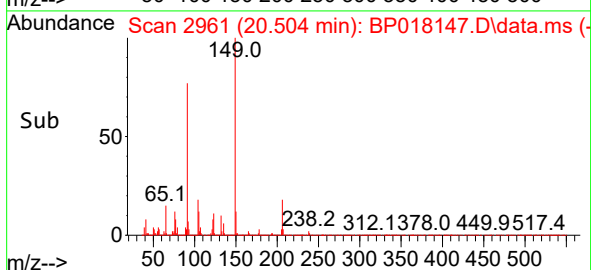
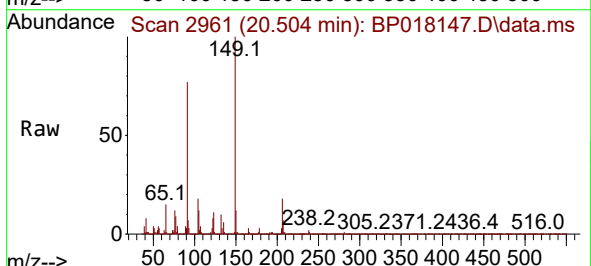
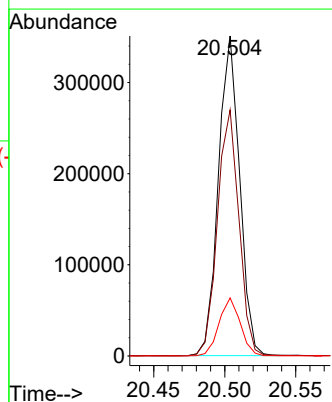
Tgt Ion:149 Resp: 364106

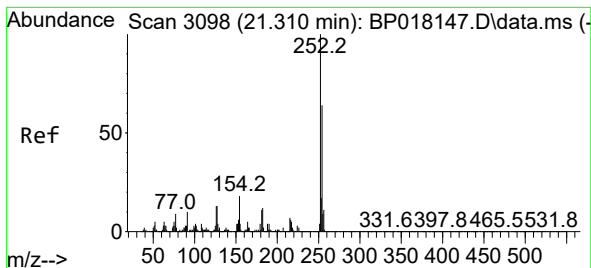
Ion Ratio Lower Upper

149 100

91 76.9 59.6 89.4

206 18.2 14.3 21.5





#84

3,3'-Dichlorobenzidine

Concen: 18.839 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.018 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

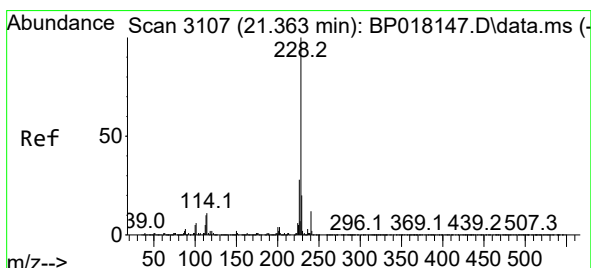
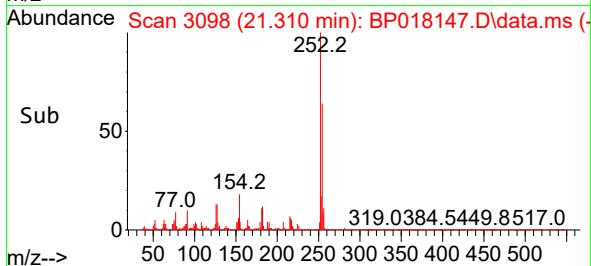
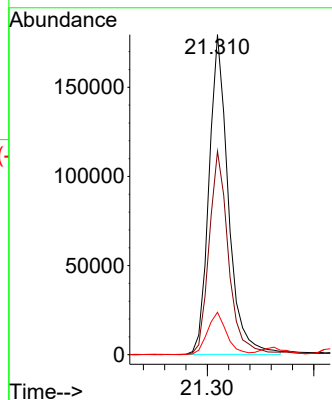
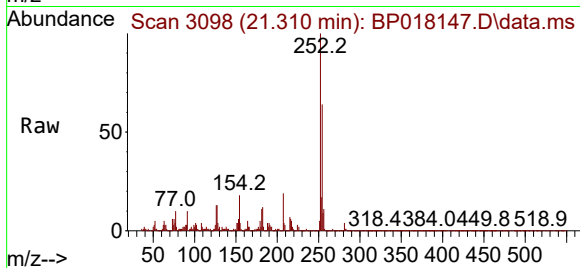
Tgt Ion:252 Resp: 225669

Ion Ratio Lower Upper

252 100

254 63.6 48.9 73.3

126 13.3 9.4 14.0



#85

Benzo(a)anthracene

Concen: 19.727 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. -0.012 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

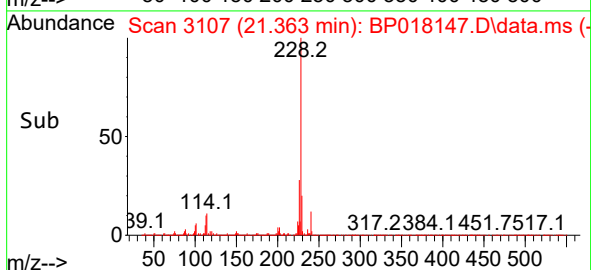
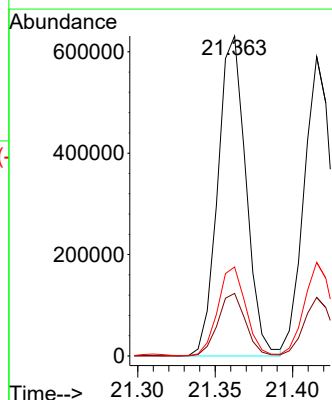
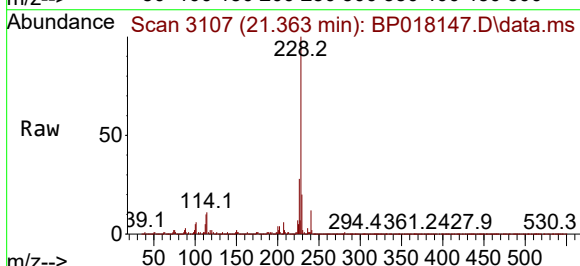
Tgt Ion:228 Resp: 798669

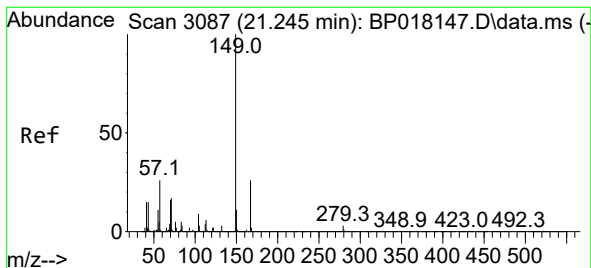
Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

226 27.8 21.4 32.0

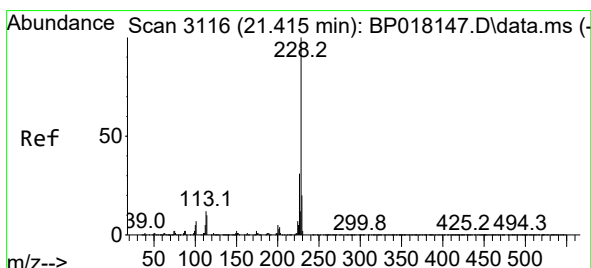
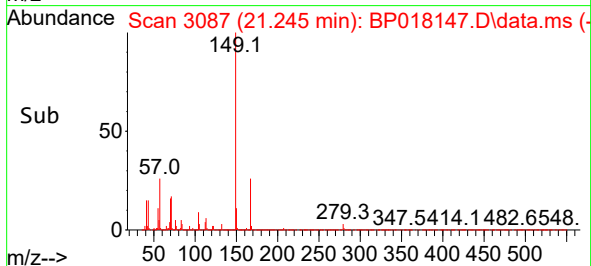
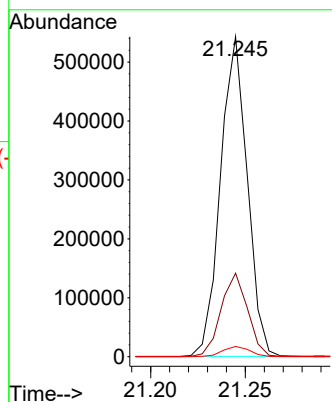
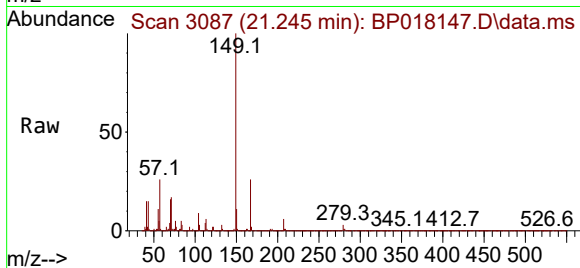




#86
Bis(2-ethylhexyl)phthalate
Concen: 22.441 ng/ul
RT: 21.245 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

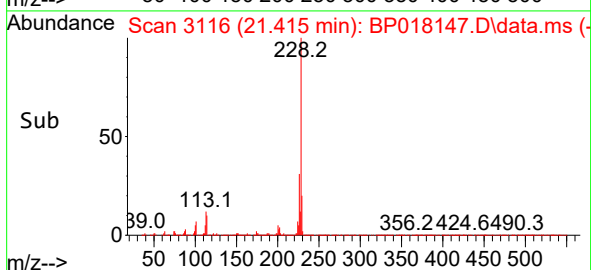
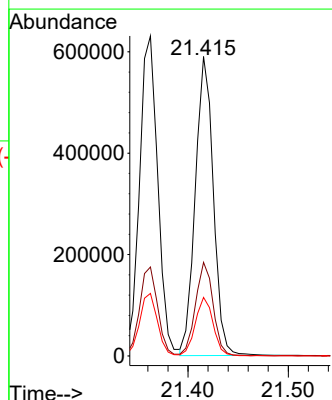
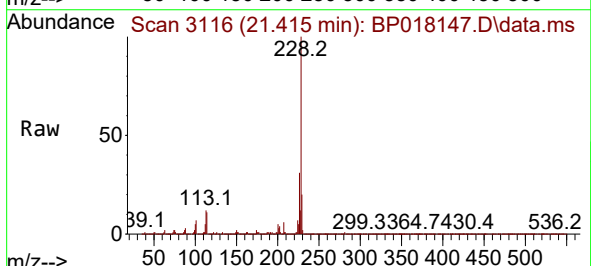
Instrument :
BNA_P
ClientSampleId :

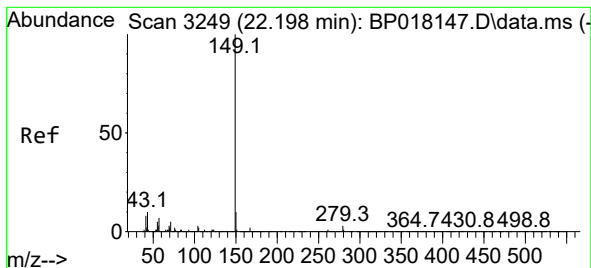
Tgt Ion:149 Resp: 533294
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 3.2 3.2 4.8



#87
Chrysene
Concen: 19.515 ng/ul
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:228 Resp: 739171
Ion Ratio Lower Upper
228 100
226 31.3 23.1 34.7
229 19.6 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 24.130 ng/ul

RT: 22.198 min Scan# 3249

Delta R.T. -0.012 min

Lab File: BP018147.D

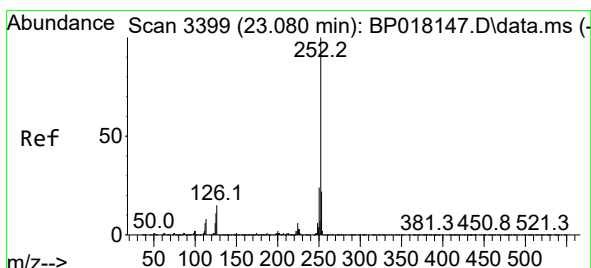
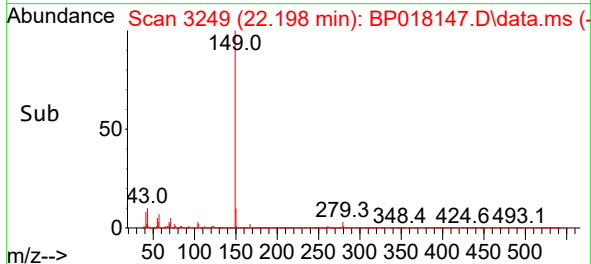
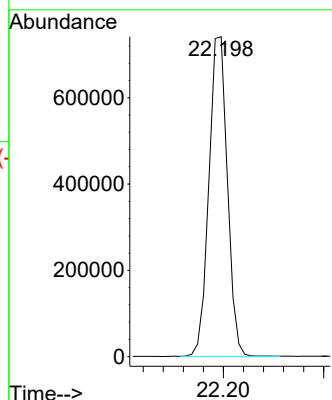
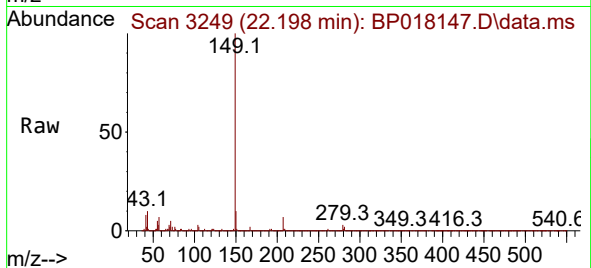
Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 949565



#90

Benzo(b)fluoranthene

Concen: 19.402 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. -0.018 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

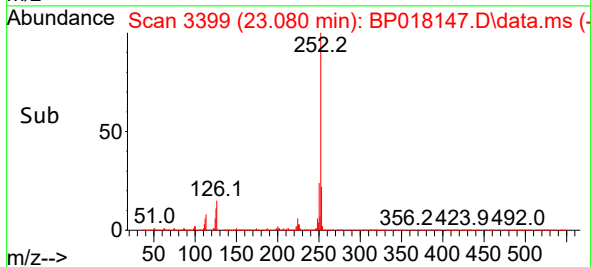
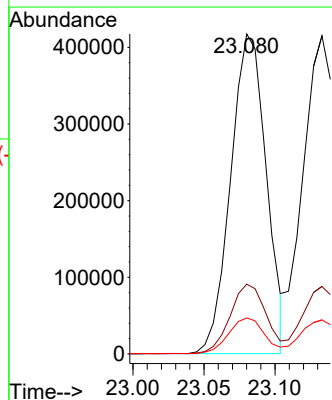
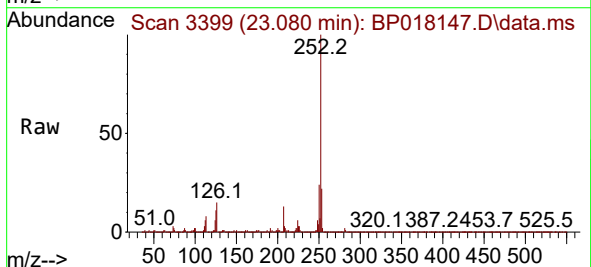
Tgt Ion:252 Resp: 726558

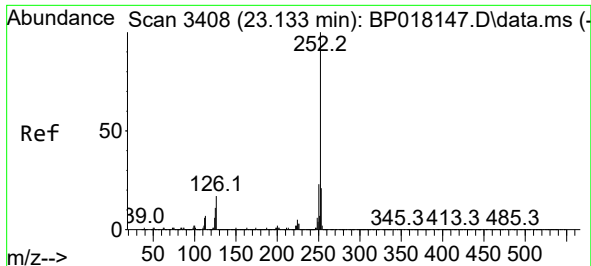
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 11.2 7.0 10.6#

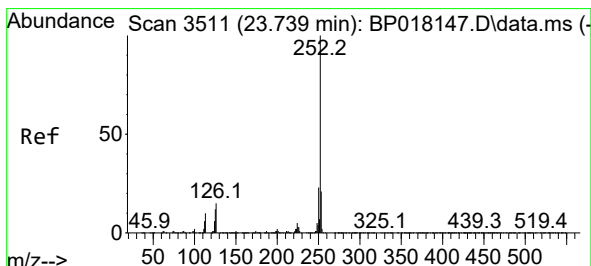
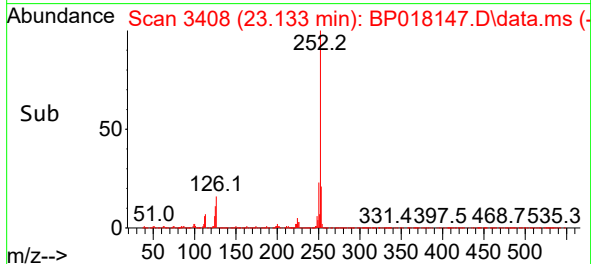
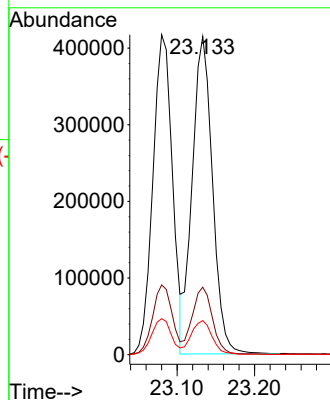
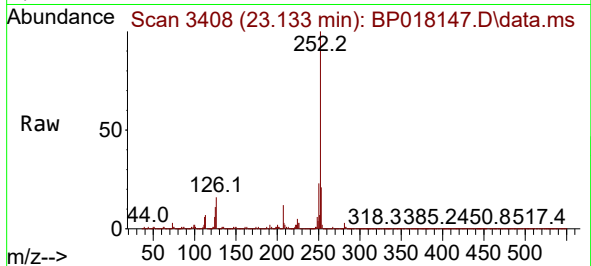




#91
Benzo(k)fluoranthene
Concen: 19.994 ng/ul
RT: 23.133 min Scan# 3408
Delta R.T. -0.018 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

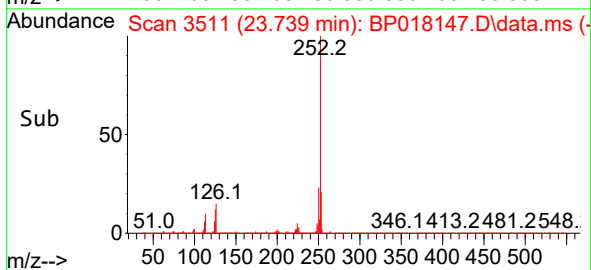
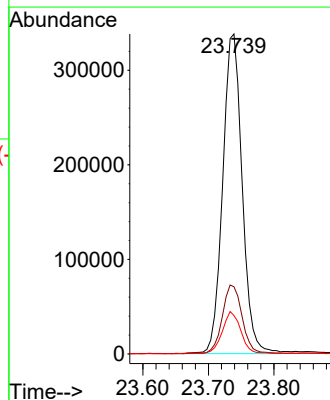
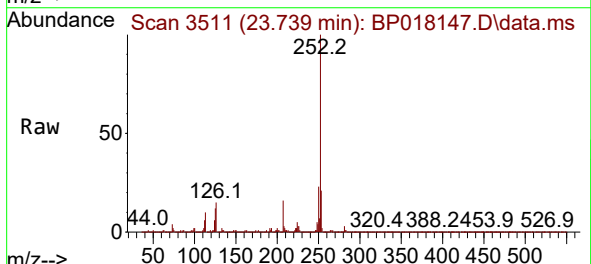
Instrument :
BNA_P
ClientSampleId :

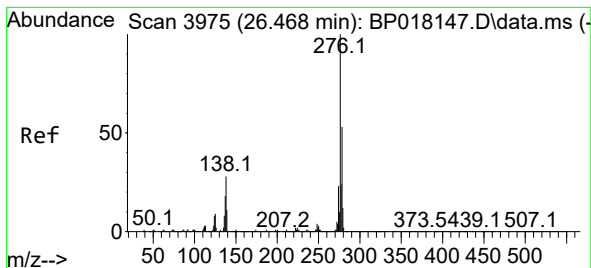
Tgt Ion:252 Resp: 753307
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 10.7 6.8 10.2#



#93
Benzo(a)pyrene
Concen: 19.660 ng/ul
RT: 23.739 min Scan# 3511
Delta R.T. -0.018 min
Lab File: BP018147.D
Acq: 14 Nov 2023 09:58

Tgt Ion:252 Resp: 695258
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 12.0 7.3 10.9#





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.317 ng/ul

RT: 26.468 min Scan# 3975

Delta R.T. -0.024 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

Instrument :

BNA_P

ClientSampleId :

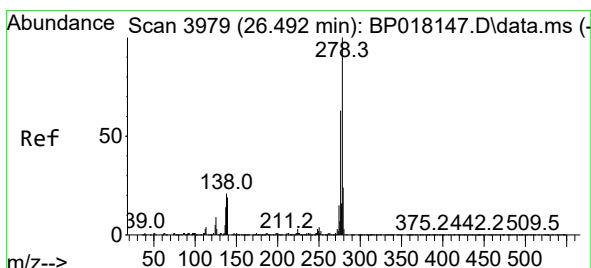
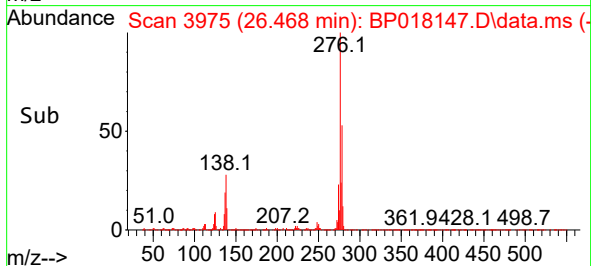
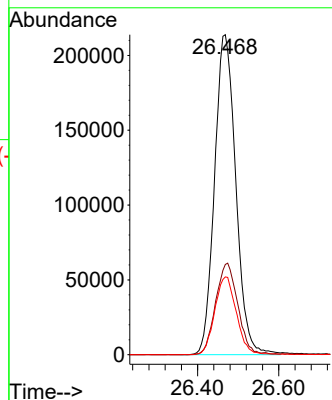
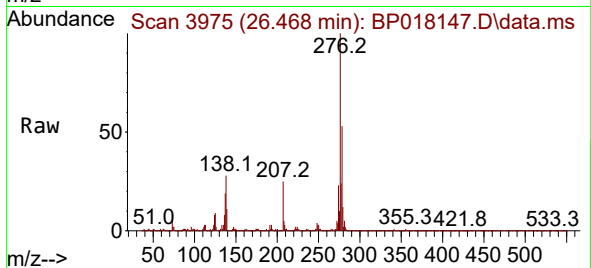
Tgt Ion:276 Resp: 776904

Ion Ratio Lower Upper

276 100

138 28.2 15.6 23.4#

277 24.3 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 18.478 ng/ul

RT: 26.492 min Scan# 3979

Delta R.T. -0.030 min

Lab File: BP018147.D

Acq: 14 Nov 2023 09:58

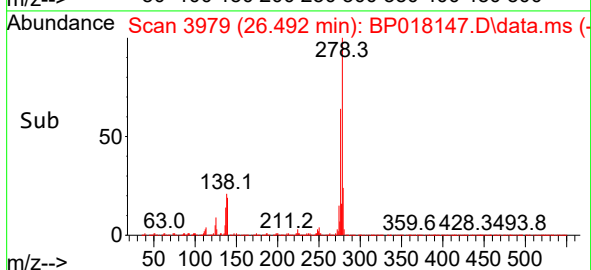
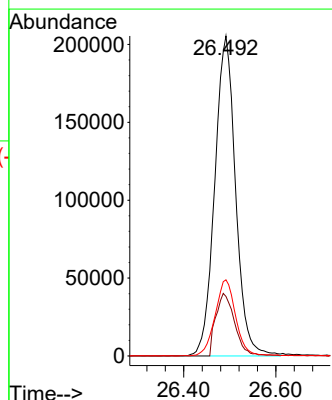
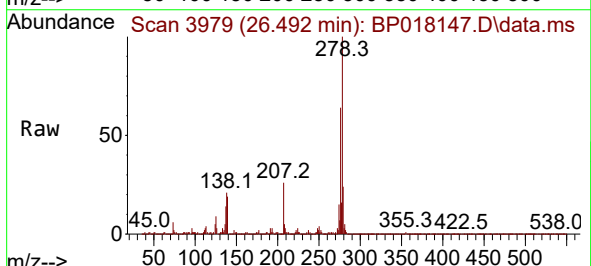
Tgt Ion:278 Resp: 645341

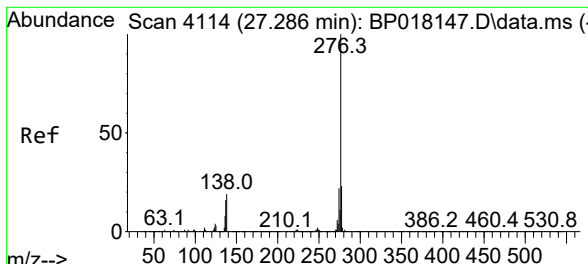
Ion Ratio Lower Upper

278 100

139 18.6 11.1 16.7#

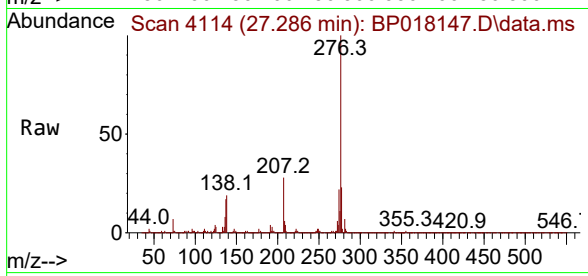
279 23.8 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 16.879 ng/ul
 RT: 27.286 min Scan# 4114
 Delta R.T. -0.030 min
 Lab File: BP018147.D
 Acq: 14 Nov 2023 09:58

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 276 Resp: 572622

Ion	Ratio	Lower	Upper
276	100		
138	18.8	13.8	20.6
277	22.8	20.2	30.2

