

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
 Data File : BP018169.D
 Acq On : 14 Nov 2023 22:55
 Operator : MA/JU
 Sample : PB157059BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 15 00:41:11 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	78487	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	341673	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	241195	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.245	188	552598	20.000	ng/u1	-0.01
79) Chrysene-d12	21.380	240	529256	20.000	ng/u1	-0.01
88) Perylene-d12	23.845	264	541798	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	11497	5.167	ng/uL	0.00
4) Pyridine-d5	3.593	84	125646	21.659	ng/u1	-0.01
7) Phenol-d5	6.952	99	207450	27.378	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	128113	28.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	163995	27.330	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	171837	27.675	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	83214	27.033	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	96335	27.624	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	174502	28.075	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	191090	22.418	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	629400	28.282	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	659340	27.202	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	89608	26.946	ng/u1	-0.02
60) Fluorene-d10	15.469	176	512062	27.869	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	102816	25.737	ng/u1	-0.04
73) Anthracene-d10	17.345	188	826177	27.644	ng/u1	-0.01
81) Pyrene-d10	19.604	212	997971	28.229	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.686	264	927404	29.438	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	25928	10.679	ng/uL	98
5) Pyridine	3.611	79	154874	25.867	ng/u1	98
6) Benzaldehyde	6.958	77	132734	32.526	ng/u1	99
8) Phenol	6.981	94	224290	30.005	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	179163	30.895	ng/u1	95
12) 2-Chlorophenol	7.340	128	181815	30.178	ng/u1	100
13) 2-Methylphenol	8.240	108	174606	30.915	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	127050	19.187	ng/u1	97
16) Acetophenone	8.646	105	303235	30.724	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.611	70	166188	30.841	ng/u1	94
18) 4-Methylphenol	8.575	108	188959	30.678	ng/u1	96
19) Hexachloroethane	8.834	117	86919	30.154	ng/u1	91
22) Nitrobenzene	9.034	77	251675	30.279	ng/u1	96
23) Isophorone	9.540	82	462082	30.466	ng/u1	99
25) 2-Nitrophenol	9.734	139	108982	30.411	ng/u1	96
26) 2,4-Dimethylphenol	9.781	107	194031	25.453	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.034	93	256951	31.067	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	185074	31.181	ng/u1	98
30) Naphthalene	10.652	128	613909	29.545	ng/u1	99
32) 4-Chloroaniline	10.810	127	220036	26.950	ng/u1	100
33) Hexachlorobutadiene	10.869	225	131759	30.239	ng/u1	97
34) Caprolactam	11.634	113	42641	21.626	ng/u1	99
35) 4-Chloro-3-methylphenol	11.922	107	231418	32.408	ng/u1	93
36) 2-Methylnaphthalene	12.269	142	443277	31.074	ng/u1	99

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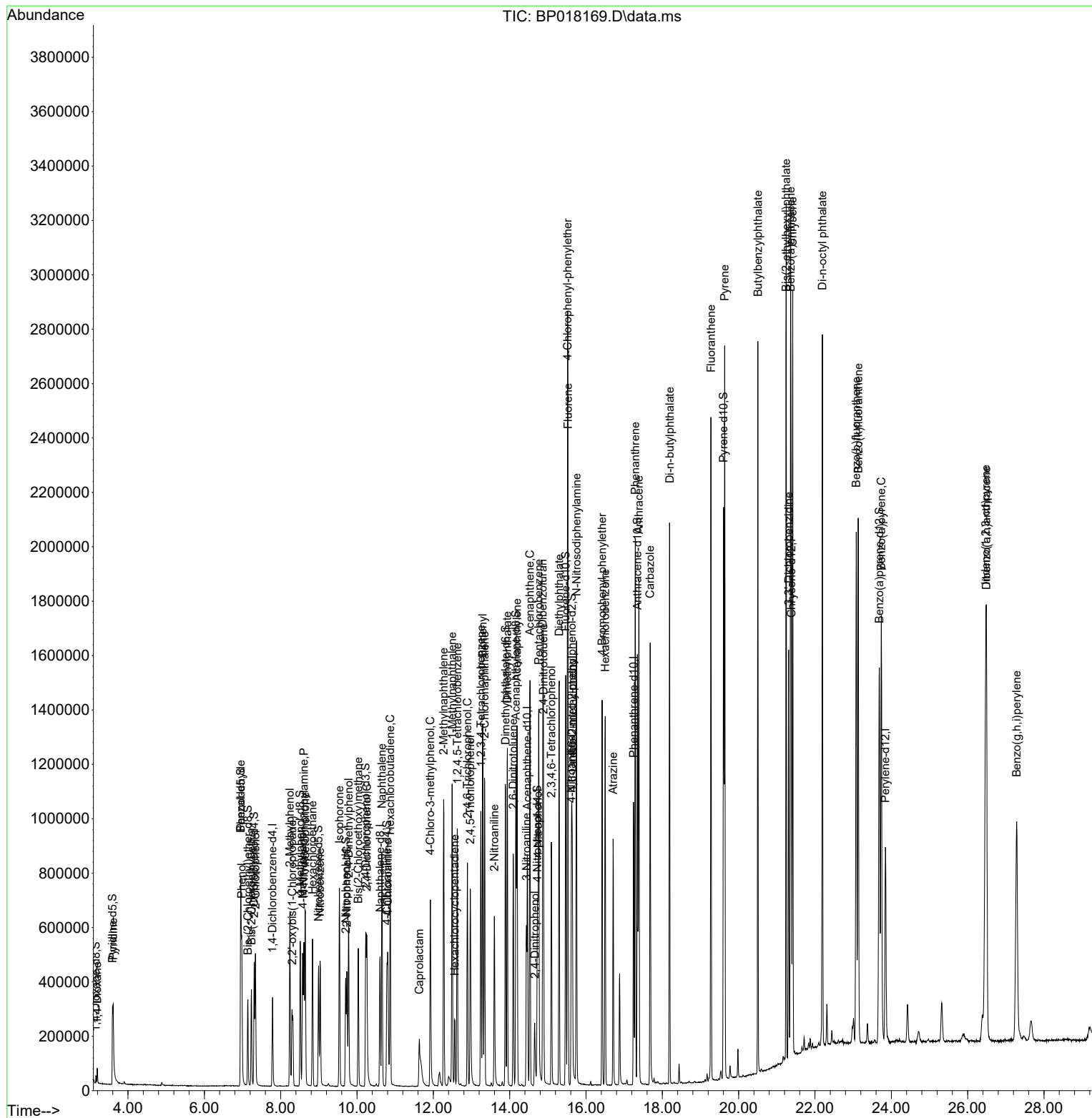
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	440634	30.059	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	237994	29.209	ng/ul	97
40) Hexachlorocyclopentadiene	12.563	237	54745	13.919	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	155190	29.034	ng/ul	95
42) 2,4,5-Trichlorophenol	12.969	196	163365	29.041	ng/ul	96
43) 1,1'-Biphenyl	13.293	154	606478	29.570	ng/ul	99
44) 2-Chloronaphthalene	13.346	162	476379	29.256	ng/ul	97
45) 2-Nitroaniline	13.598	65	174792	33.265	ng/ul	93
47) Dimethylphthalate	13.940	163	678792	31.094	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	137051	31.585	ng/ul	95
50) Acenaphthylene	14.193	152	815660	29.805	ng/ul	99
51) 3-Nitroaniline	14.440	138	129066	32.055	ng/ul	96
52) Acenaphthene	14.534	153	550866	30.356	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	52246	22.072	ng/ul	92
55) 4-Nitrophenol	14.740	109	135803	30.764	ng/ul	95
56) Dibenzofuran	14.869	168	754704	30.348	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	210714	32.503	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	135736	27.124	ng/ul#	90
59) Diethylphthalate	15.298	149	745202	32.674	ng/ul	100
61) Fluorene	15.528	166	657843	31.159	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.516	204	328957	31.795	ng/ul	98
63) 4-Nitroaniline	15.616	138	123891	32.607	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.640	198	116810	28.179	ng/ul	95
67) N-Nitrosodiphenylamine	15.751	169	551021	31.092	ng/ul	97
68) 4-Bromophenyl-phenylether	16.422	248	196788	31.596	ng/ul	94
69) Hexachlorobenzene	16.504	284	212284	30.546	ng/ul	99
70) Atrazine	16.710	200	147202	23.811	ng/ul	97
72) Phenanthrene	17.292	178	1059456	31.225	ng/ul	100
74) Anthracene	17.387	178	1061854	30.667	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	242853	28.779	ng/uL	99
76) Pentachlorobenzene	14.763	250	248211	30.046	ng/uL	98
77) Carbazole	17.681	167	963705	32.051	ng/ul	99
78) Di-n-butylphthalate	18.192	149	1353762	35.485	ng/ul	99
80) Fluoranthene	19.275	202	1289943	31.244	ng/ul	100
82) Pyrene	19.633	202	1354007	31.297	ng/ul	99
83) Butylbenzylphthalate	20.504	149	643360	35.361	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.310	252	367320	29.049	ng/ul	98
85) Benzo(a)anthracene	21.363	228	1345477	31.483	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	954669	38.058	ng/ul	99
87) Chrysene	21.416	228	1235331	30.897	ng/ul	97
89) Di-n-octyl phthalate	22.192	149	1638171	40.430	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1247885	32.364	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	1274830	32.862	ng/ul	99
93) Benzo(a)pyrene	23.739	252	1180425	32.418	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	1368008	31.324	ng/ul	96
95) Dibenzo(a,h)anthracene	26.492	278	1147145	31.901	ng/ul	99
96) Benzo(g,h,i)perylene	27.286	276	1095831	31.371	ng/ul	96

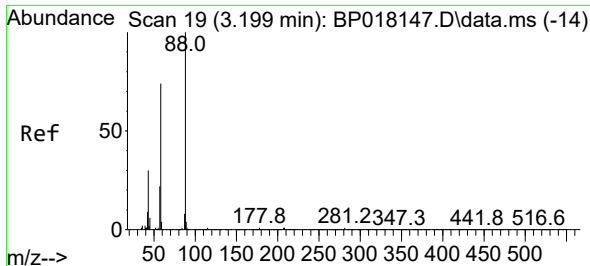
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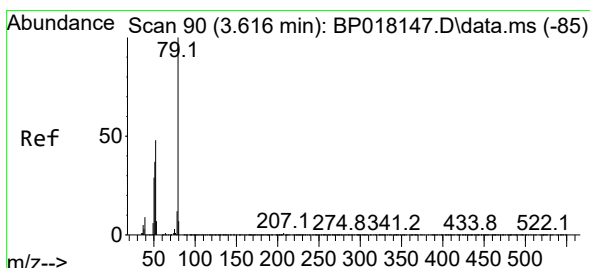
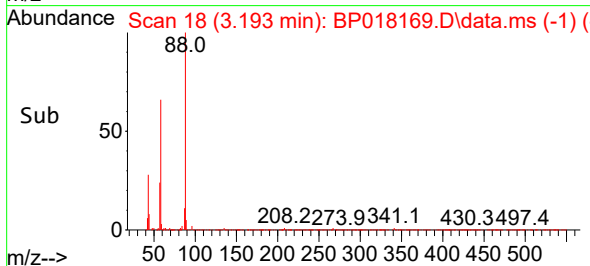
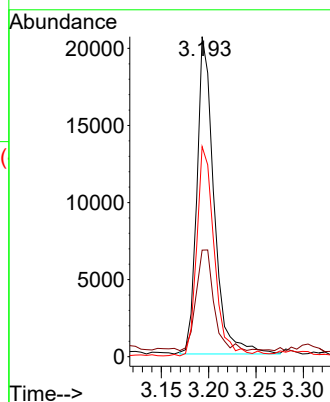
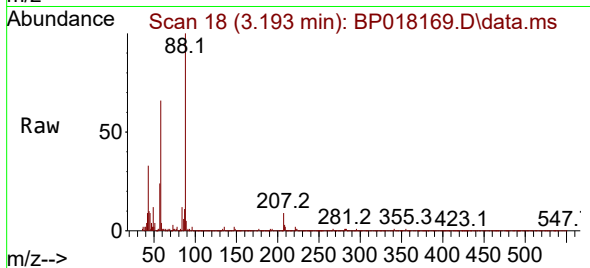




#2
1,4-Dioxane
Concen: 10.679 ng/uL
RT: 3.193 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018169.D
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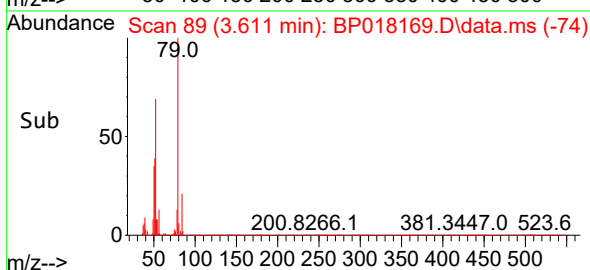
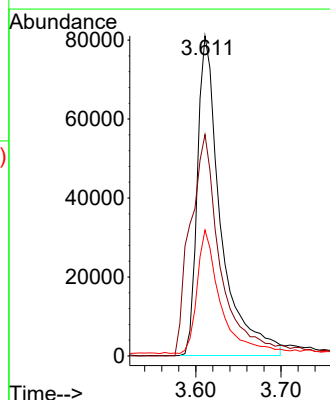
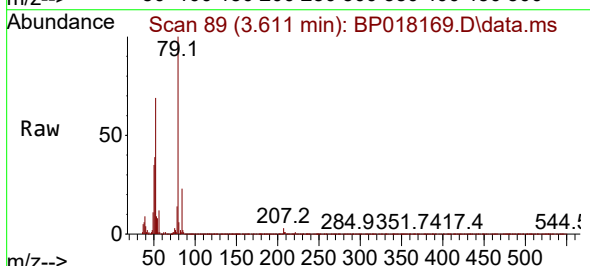
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BNA_P
ClientSampleId :

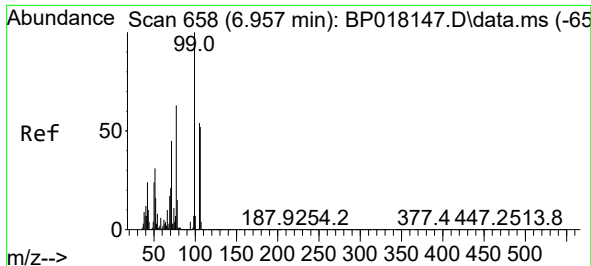
Tgt Ion: 88 Resp: 25928
Ion Ratio Lower Upper
88 100
43 33.3 25.4 38.2
58 65.7 53.3 79.9



#5
Pyridine
Concen: 25.867 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. -0.012 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion: 79 Resp: 154874
Ion Ratio Lower Upper
79 100
52 69.2 53.9 80.9
51 39.3 32.2 48.2

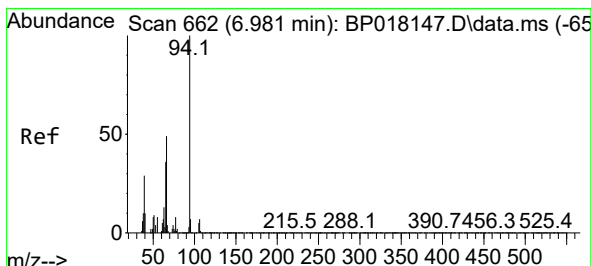
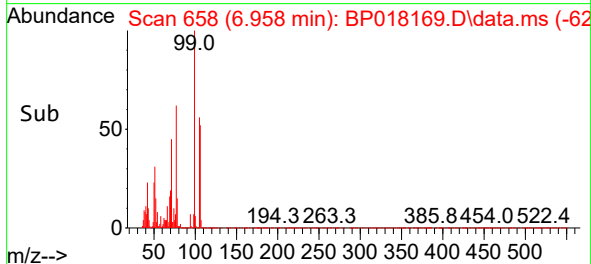
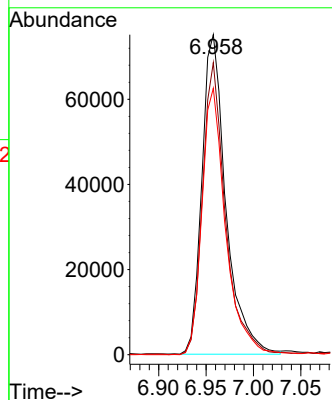
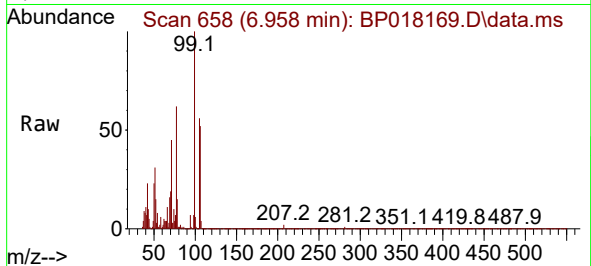




#6
Benzaldehyde
Concen: 32.526 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

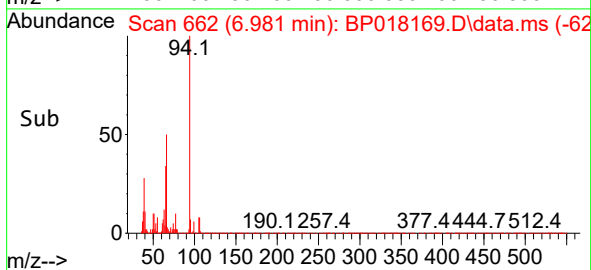
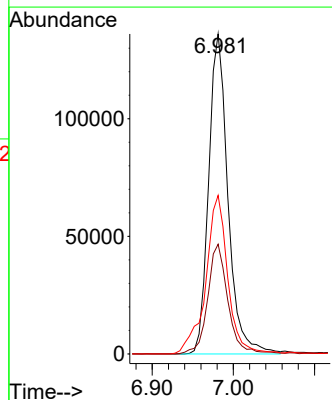
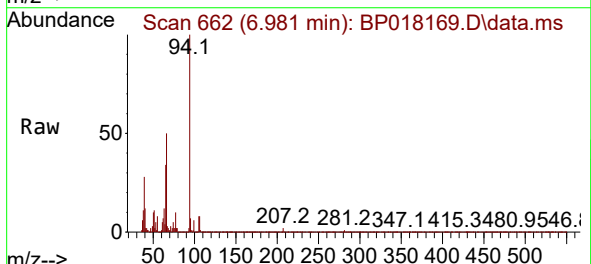
Instrument :
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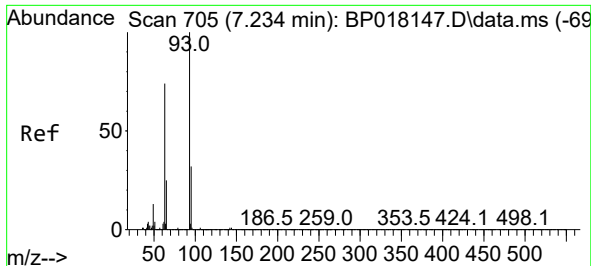
Tgt Ion: 77 Resp: 132734
Ion Ratio Lower Upper
77 100
105 91.3 72.7 109.1
106 83.2 67.5 101.3



#8
Phenol
Concen: 30.005 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

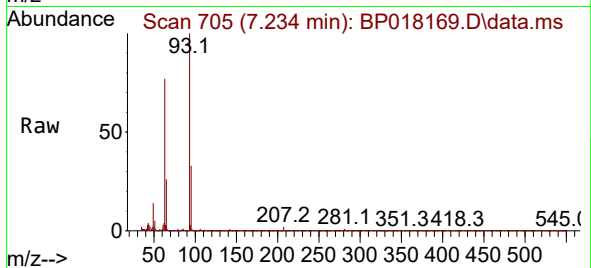
Tgt Ion: 94 Resp: 224290
Ion Ratio Lower Upper
94 100
65 34.3 28.2 42.2
66 49.6 40.3 60.5





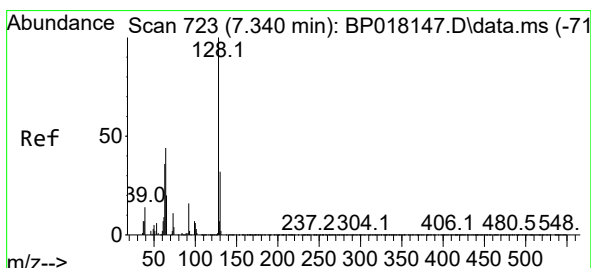
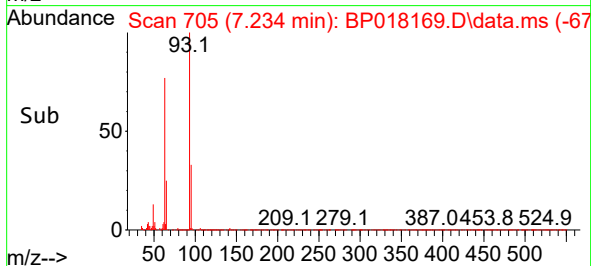
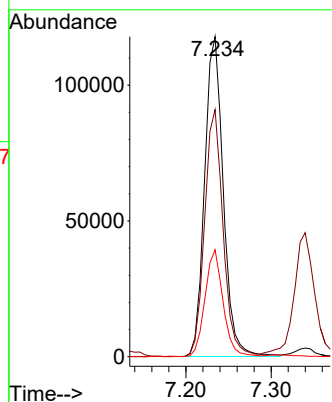
#10
 Bis(2-Chloroethyl)ether
 Concen: 30.895 ng/ul
 RT: 7.234 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: BP018169.D
 Acq: 14 Nov 2023 22:55

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 179163

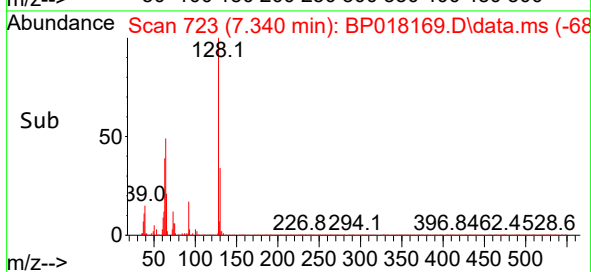
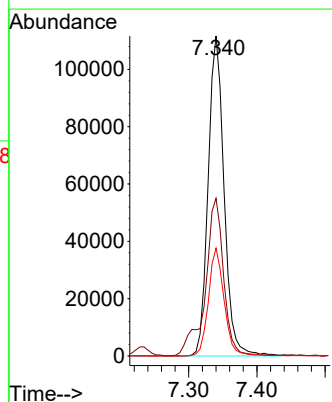
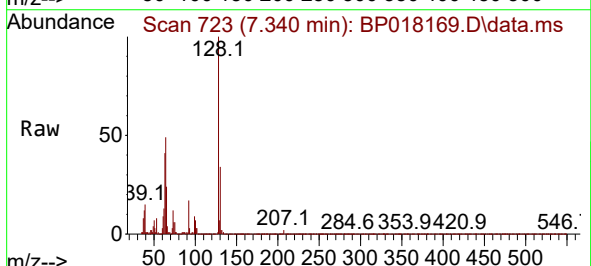
Ion	Ratio	Lower	Upper
93	100		
63	77.2	57.8	86.6
95	33.4	25.5	38.3

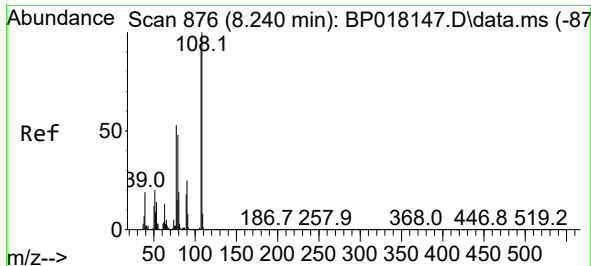


#12
 2-Chlorophenol
 Concen: 30.178 ng/ul
 RT: 7.340 min Scan# 723
 Delta R.T. 0.000 min
 Lab File: BP018169.D
 Acq: 14 Nov 2023 22:55

Tgt Ion: 128 Resp: 181815

Ion	Ratio	Lower	Upper
128	100		
64	49.3	39.2	58.8
130	33.7	26.6	40.0





#13

2-Methylphenol

Concen: 30.915 ng/ul

RT: 8.240 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

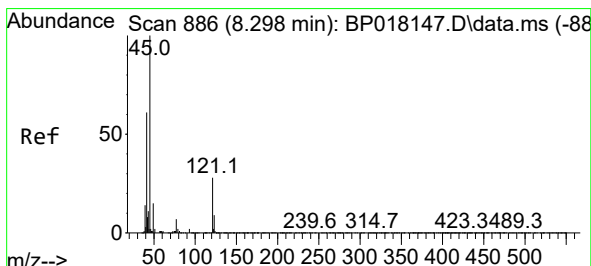
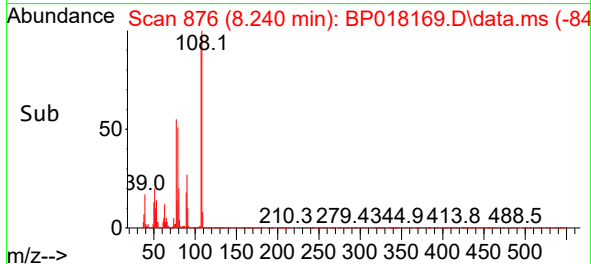
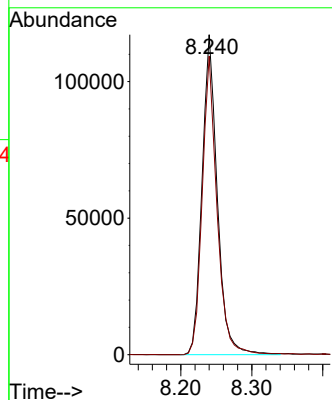
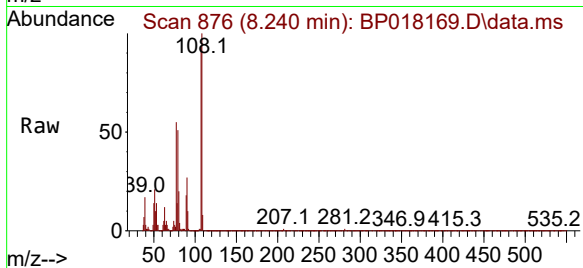
ClientSampleId :

Tgt Ion:108 Resp: 174606

Ion Ratio Lower Upper

108 100

107 93.3 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.187 ng/ul

RT: 8.299 min Scan# 886

Delta R.T. 0.000 min

Lab File: BP018169.D

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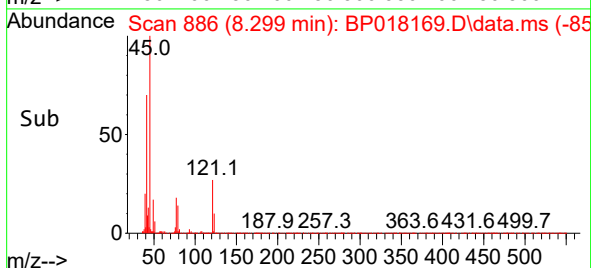
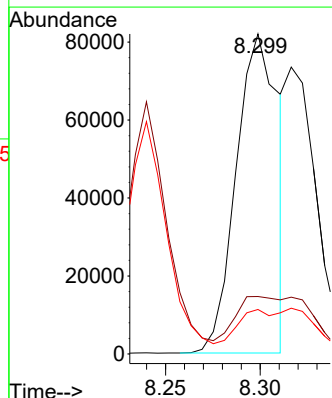
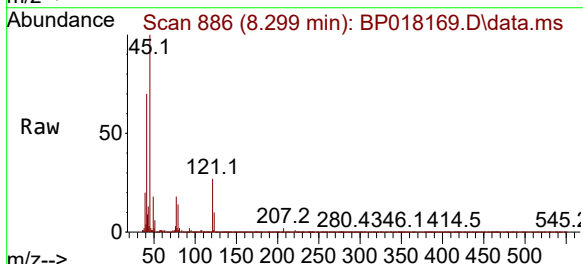
Tgt Ion: 45 Resp: 127050

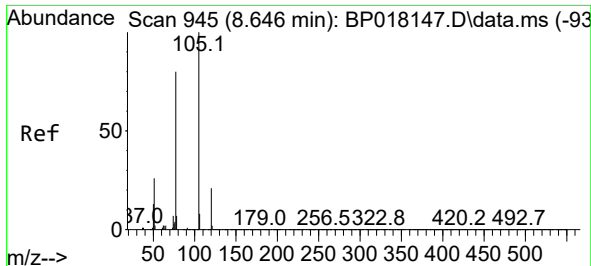
Ion Ratio Lower Upper

45 100

77 18.0 16.1 24.1

79 13.9 11.1 16.7

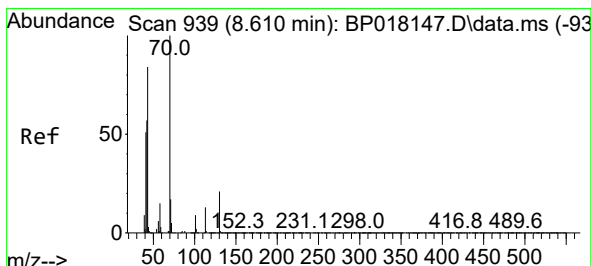
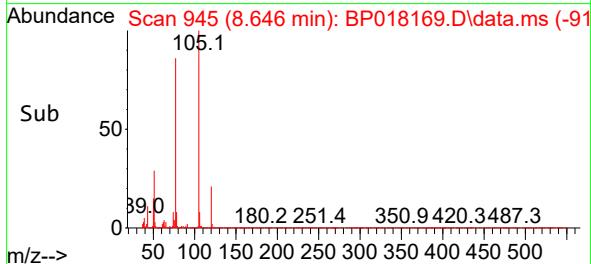
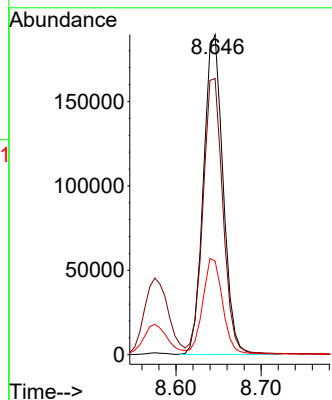
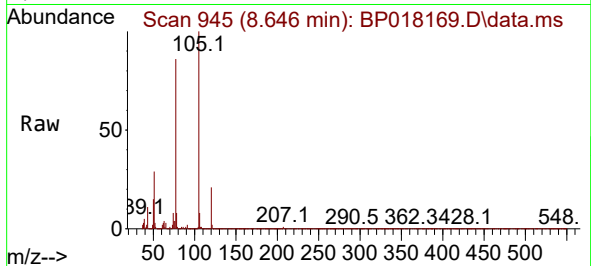




#16
Acetophenone
Concen: 30.724 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

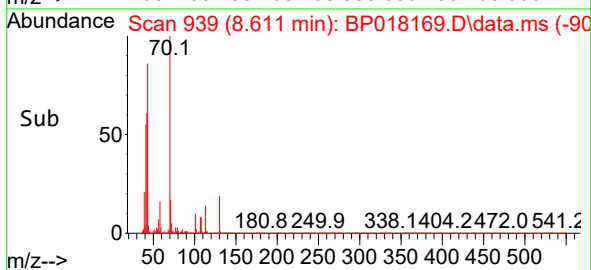
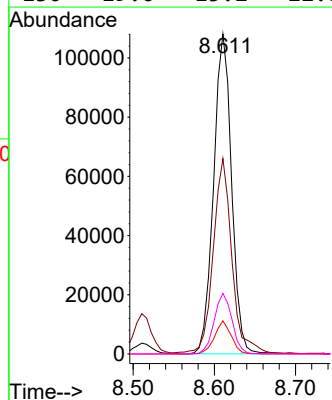
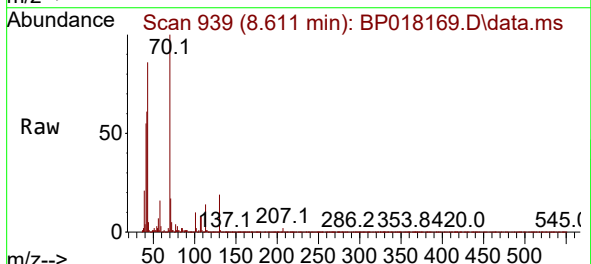
Instrument :
BNA_P
ClientSampleId :

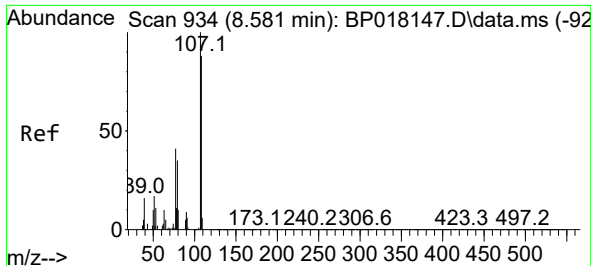
Tgt Ion:105 Resp: 303235
Ion Ratio Lower Upper
105 100
77 86.3 70.1 105.1
51 29.3 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 30.841 ng/ul
RT: 8.611 min Scan# 939
Delta R.T. 0.000 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

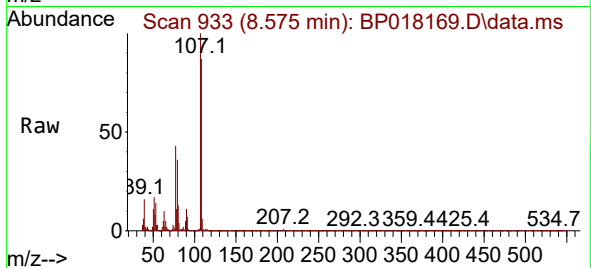
Tgt Ion: 70 Resp: 166188
Ion Ratio Lower Upper
70 100
42 61.1 43.7 65.5
101 10.4 8.2 12.4
130 19.0 15.2 22.8



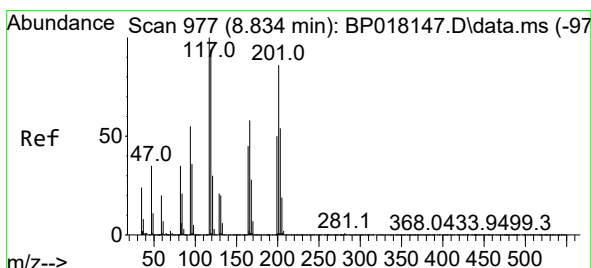
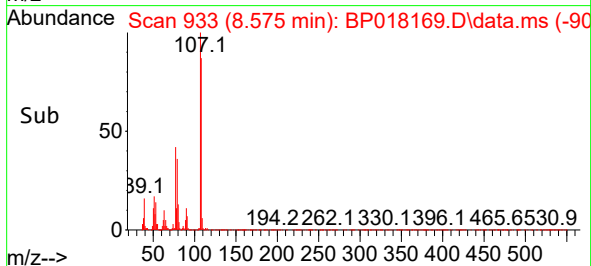
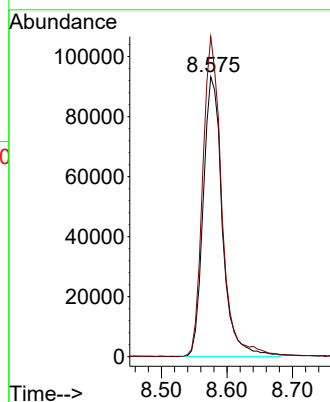


#18
4-Methylphenol
Concen: 30.678 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Instrument :
BNA_P
ClientSampleId :

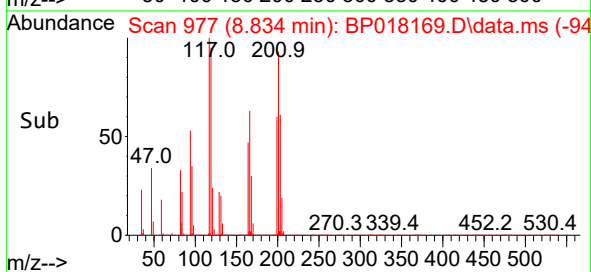
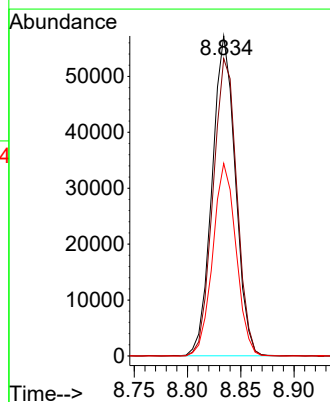
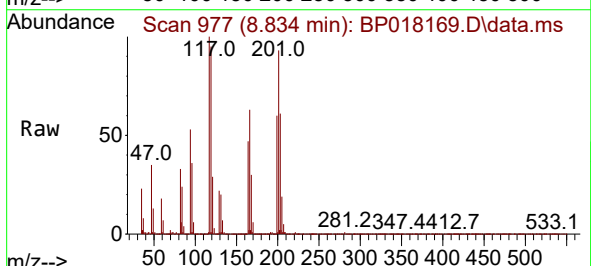


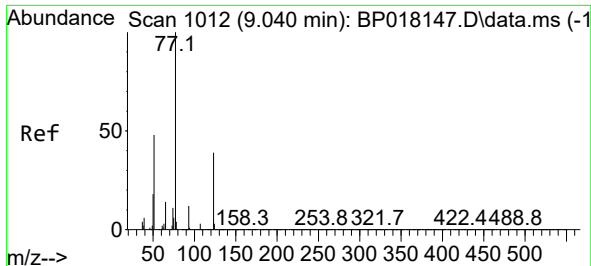
Tgt Ion:108 Resp: 188959
Ion Ratio Lower Upper
108 100
107 114.3 88.2 132.4



#19
Hexachloroethane
Concen: 30.154 ng/ul
RT: 8.834 min Scan# 977
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:117 Resp: 86919
Ion Ratio Lower Upper
117 100
201 93.0 84.8 127.2
199 60.1 49.0 73.4

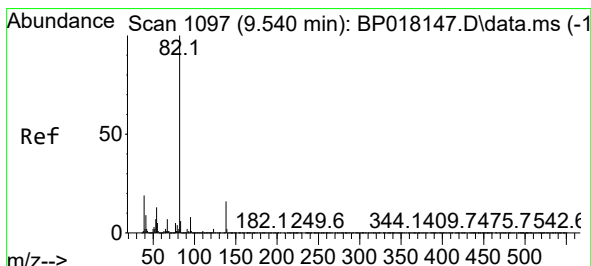
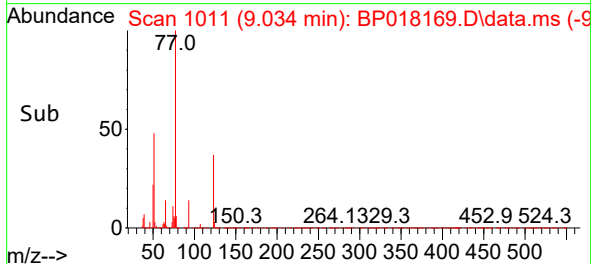
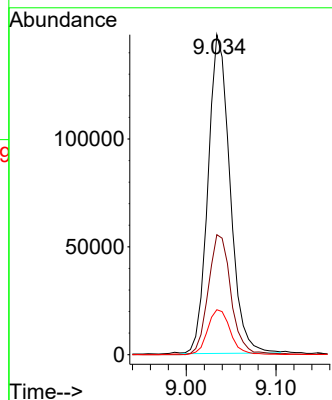
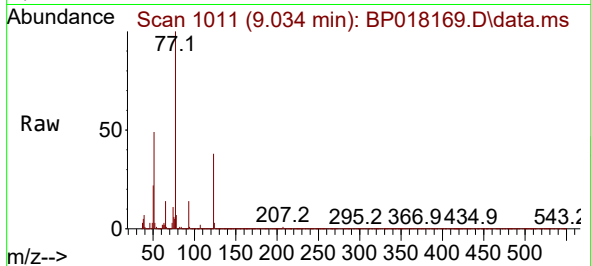




#22
Nitrobenzene
Concen: 30.279 ng/ul
RT: 9.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

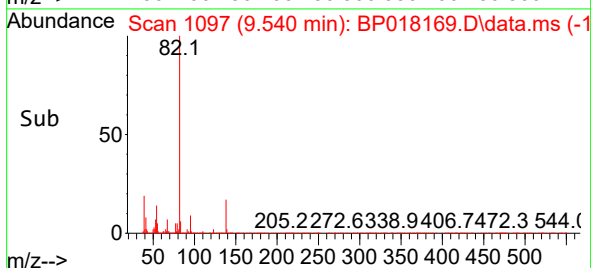
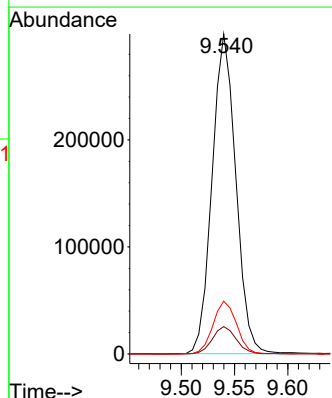
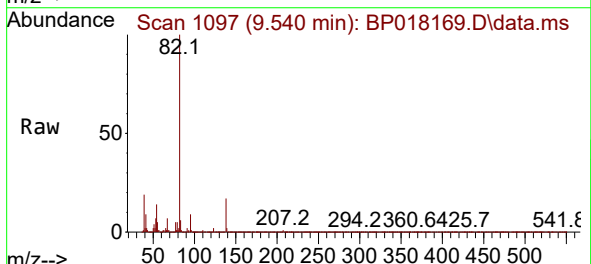
Instrument :
BNA_P
ClientSampleId :

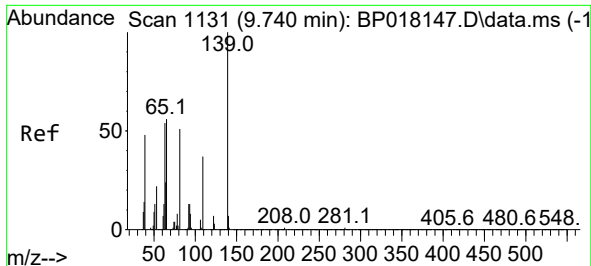
Tgt Ion: 77 Resp: 251675
Ion Ratio Lower Upper
77 100
123 37.5 27.8 41.8
65 14.1 11.5 17.3



#23
Isophorone
Concen: 30.466 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion: 82 Resp: 462082
Ion Ratio Lower Upper
82 100
95 8.6 6.6 9.8
138 16.5 13.1 19.7

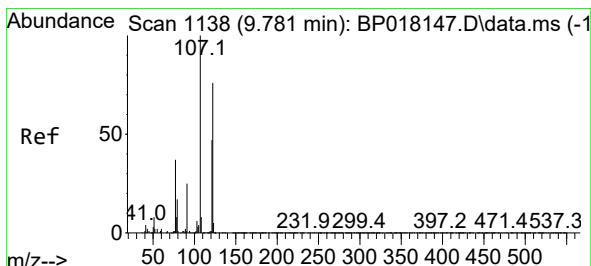
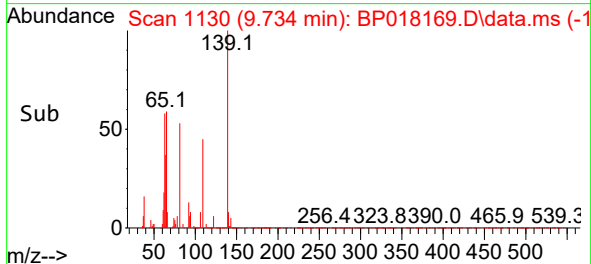
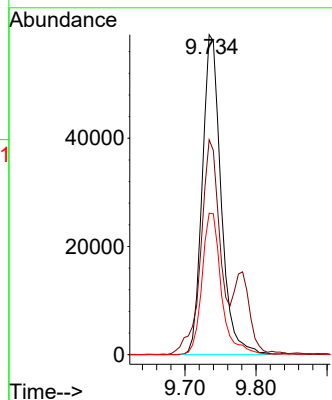
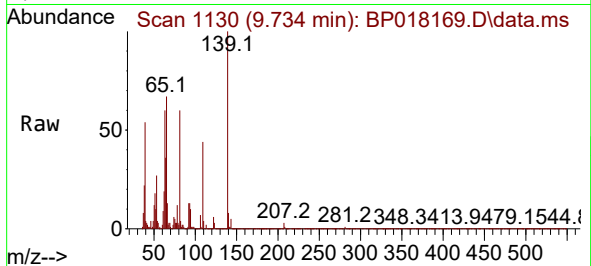




#25
2-Nitrophenol
Concen: 30.411 ng/ul
RT: 9.734 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

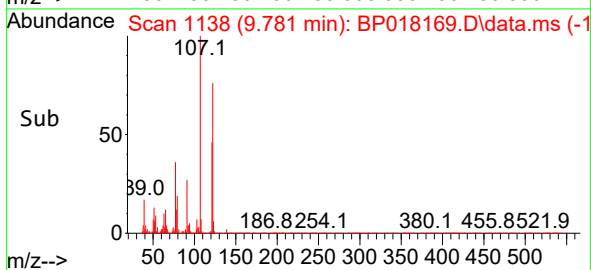
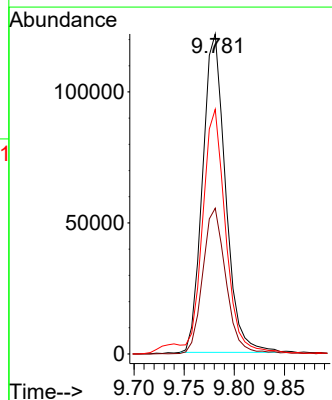
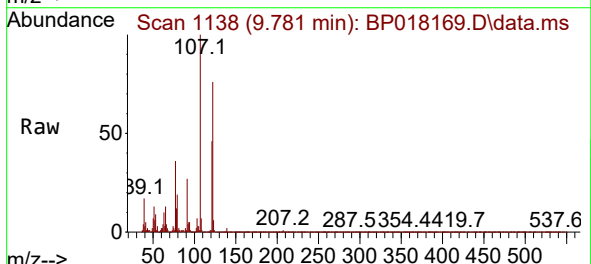
Instrument :
BNA_P
ClientSampleId :

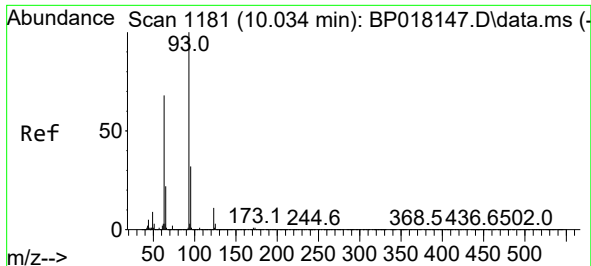
Tgt Ion:139 Resp: 108982
Ion Ratio Lower Upper
139 100
65 67.2 51.4 77.0
109 44.2 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 25.453 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:107 Resp: 194031
Ion Ratio Lower Upper
107 100
121 45.6 37.8 56.8
122 76.4 62.1 93.1

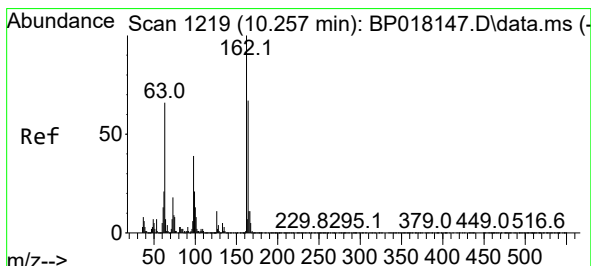
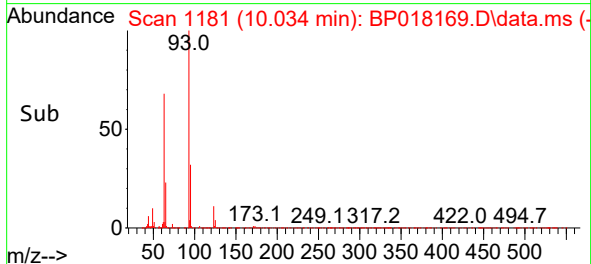
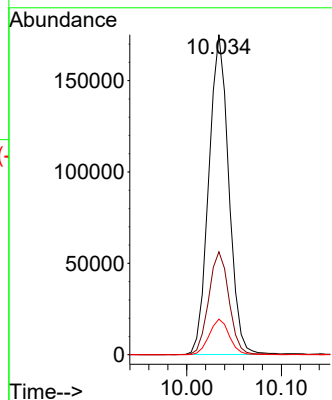
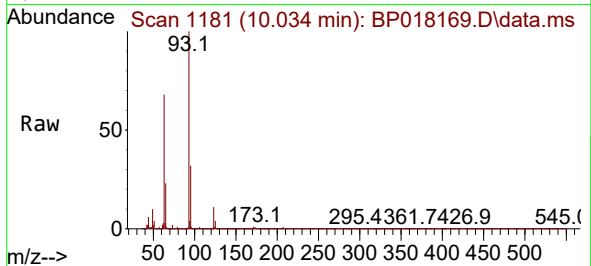




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.067 ng/ul
 RT: 10.034 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: BP018169.D
 Acq: 14 Nov 2023 22:55

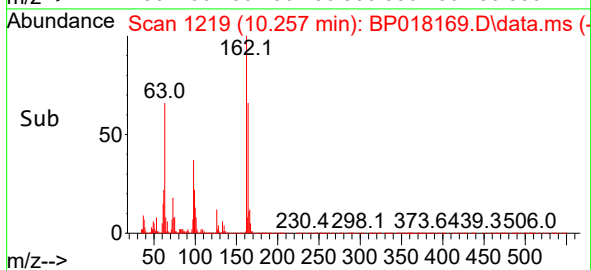
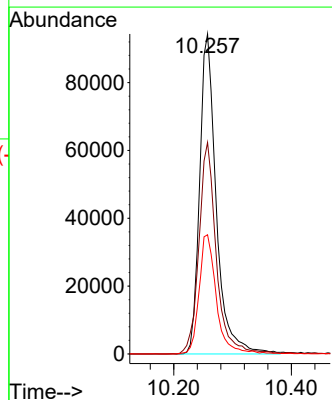
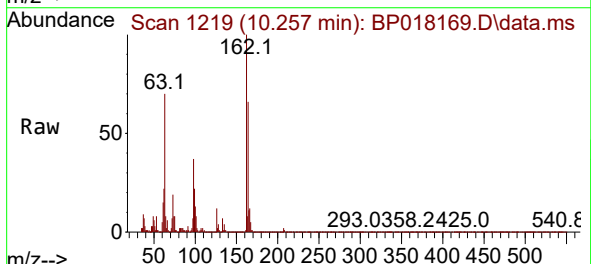
Instrument :
 BNA_P
 ClientSampleId :

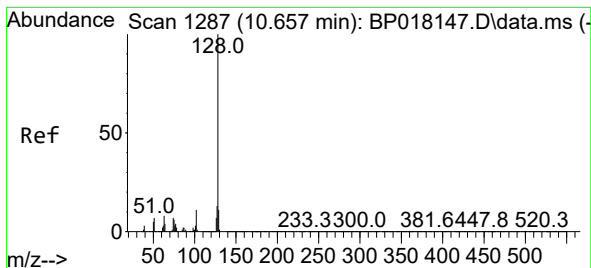
Tgt Ion: 93 Resp: 256951
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.2 39.2
 123 11.1 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 31.181 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. -0.006 min
 Lab File: BP018169.D
 Acq: 14 Nov 2023 22:55

Tgt Ion:162 Resp: 185074
 Ion Ratio Lower Upper
 162 100
 164 66.1 51.8 77.6
 98 37.2 28.7 43.1





#30

Naphthalene

Concen: 29.545 ng/ul

RT: 10.652 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

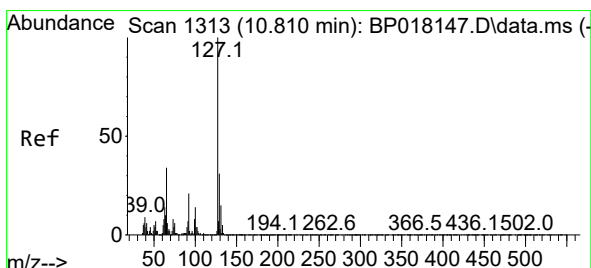
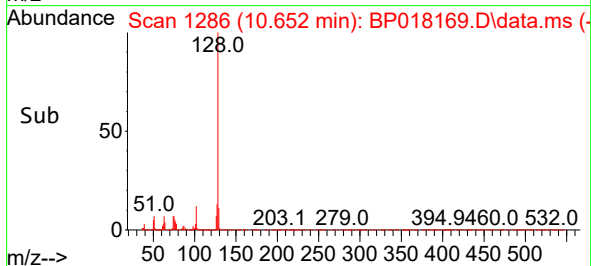
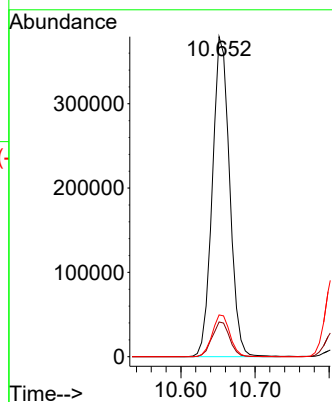
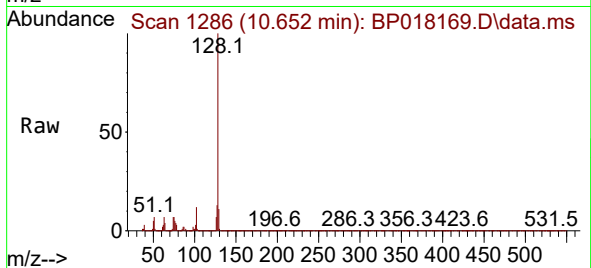
Tgt Ion:128 Resp: 613909

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.1 10.3 15.5



#32

4-Chloroaniline

Concen: 26.950 ng/ul

RT: 10.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BP018169.D

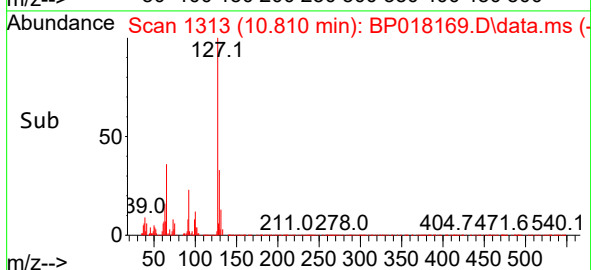
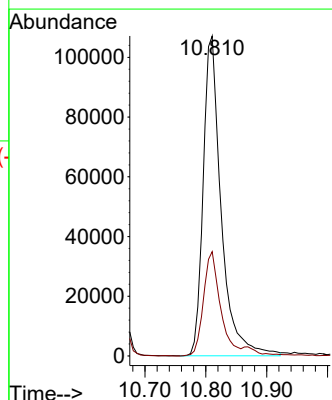
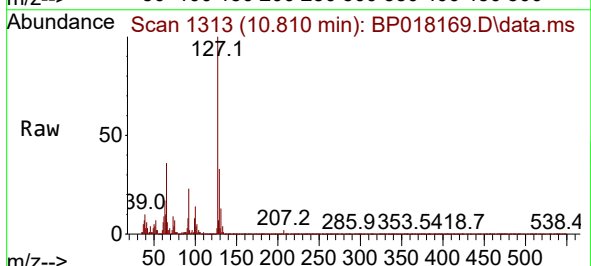
Acq: 14 Nov 2023 22:55

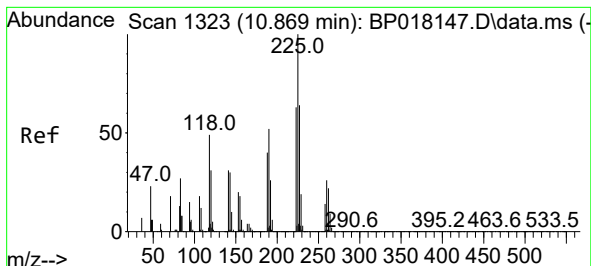
Tgt Ion:127 Resp: 220036

Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1





#33

Hexachlorobutadiene

Concen: 30.239 ng/ul

RT: 10.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

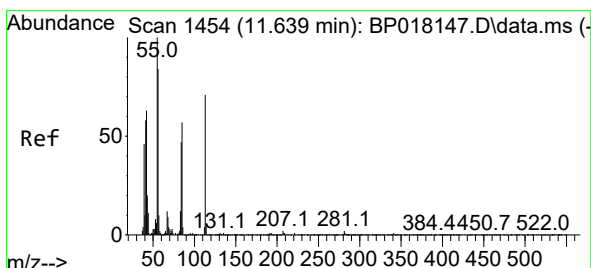
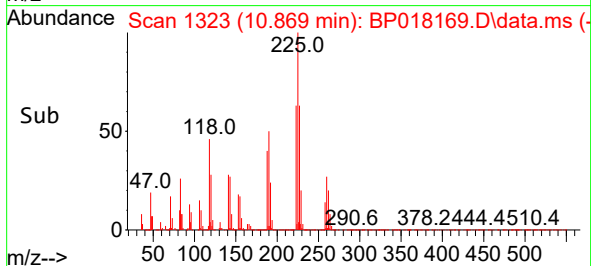
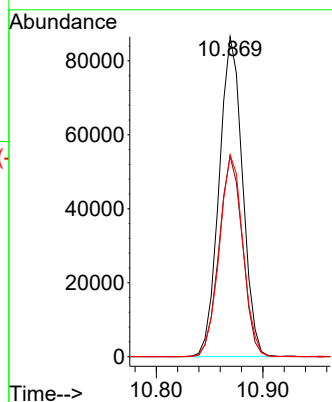
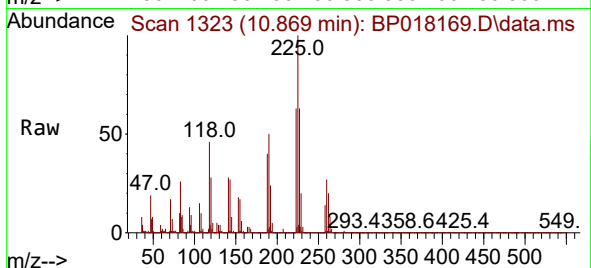
Tgt Ion:225 Resp: 131759

Ion Ratio Lower Upper

225 100

223 62.7 52.5 78.7

227 63.1 51.9 77.9



#34

Caprolactam

Concen: 21.626 ng/ul

RT: 11.634 min Scan# 1453

Delta R.T. -0.035 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

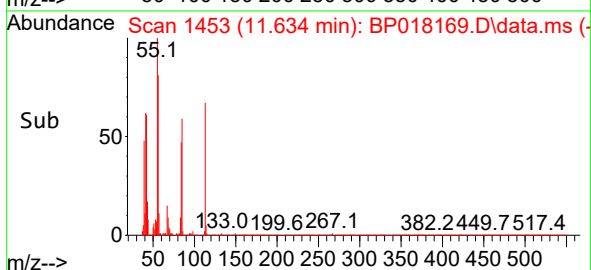
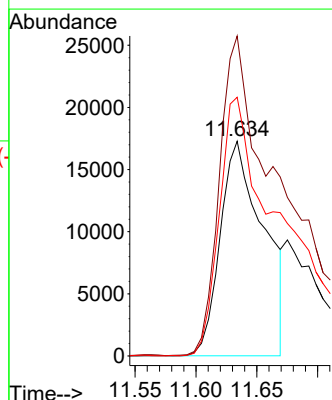
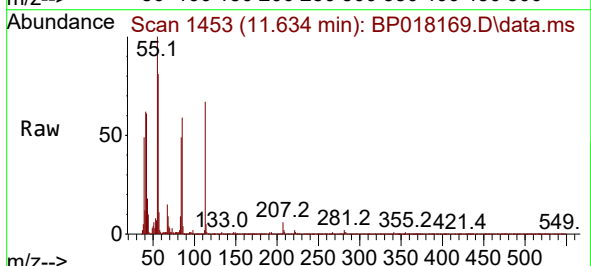
Tgt Ion:113 Resp: 42641

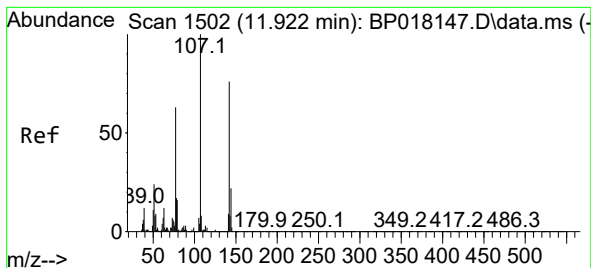
Ion Ratio Lower Upper

113 100

55 149.0 118.3 177.5

56 120.5 95.6 143.4

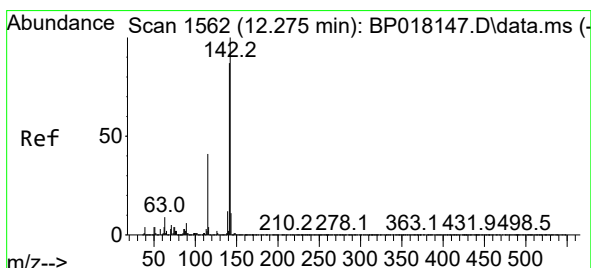
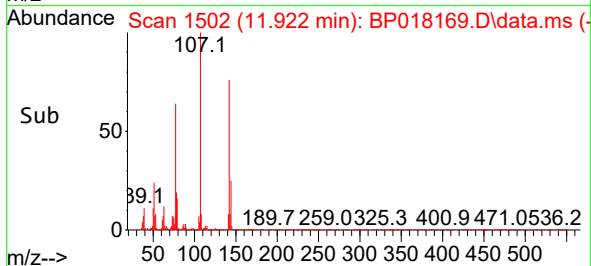
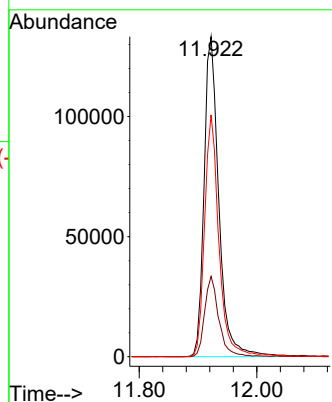
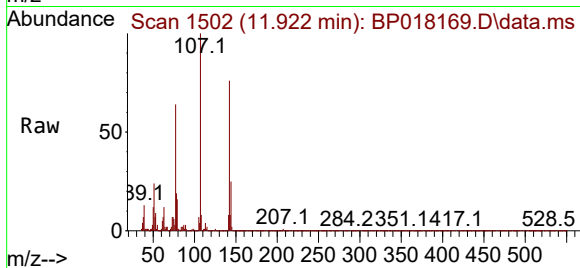




#35
4-Chloro-3-methylphenol
Concen: 32.408 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

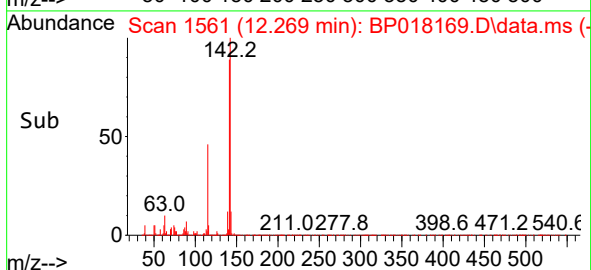
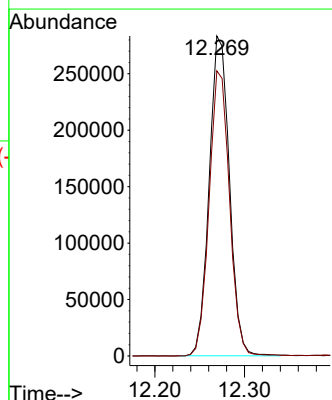
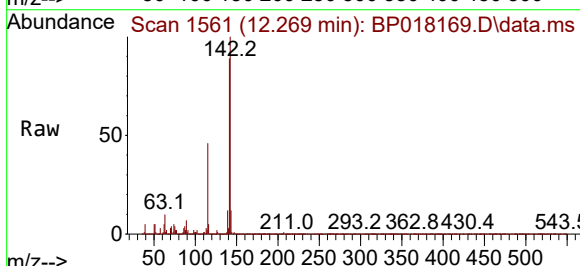
Instrument :
BNA_P
ClientSampleId :

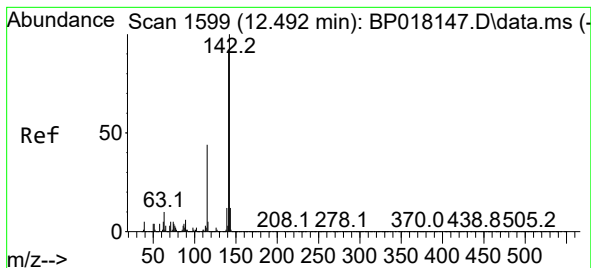
Tgt Ion:107 Resp: 231418
Ion Ratio Lower Upper
107 100
144 25.1 19.1 28.7
142 75.6 54.8 82.2



#36
2-Methylnaphthalene
Concen: 31.074 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:142 Resp: 443277
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5





#37

1-Methylnaphthalene

Concen: 30.059 ng/ul

RT: 12.493 min Scan# 1599

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

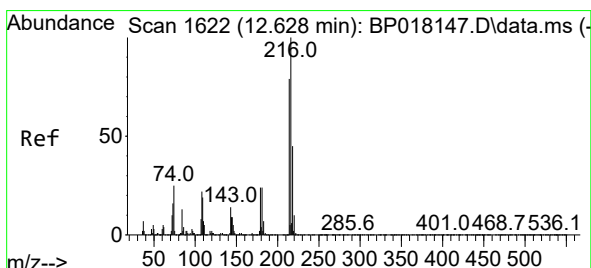
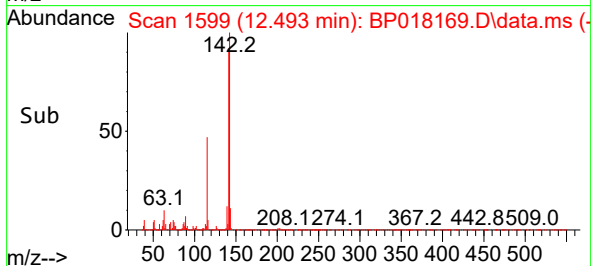
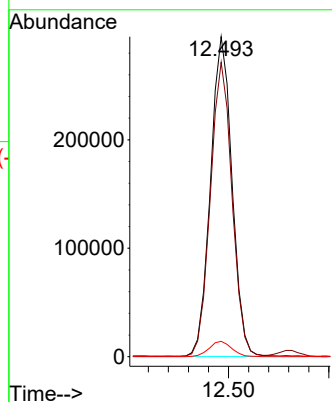
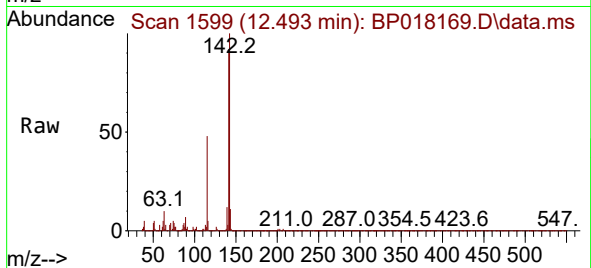
Tgt Ion:142 Resp: 440634

Ion Ratio Lower Upper

142 100

141 92.0 72.8 109.2

116 4.8 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.209 ng/ul

RT: 12.628 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Tgt Ion:216 Resp: 237994

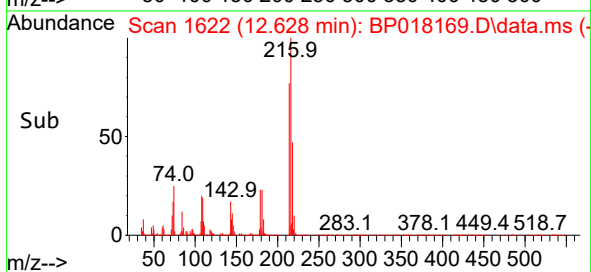
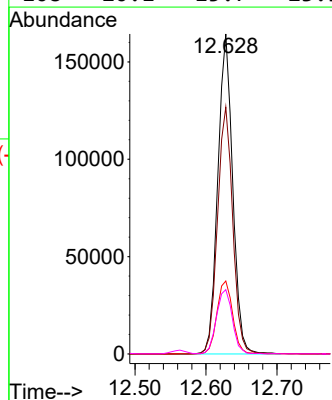
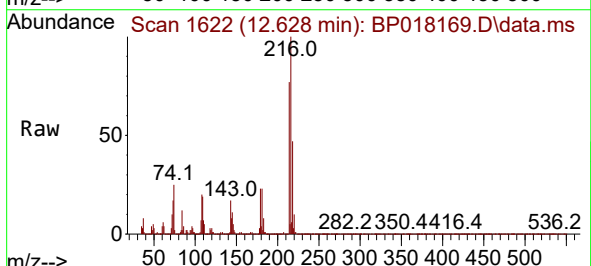
Ion Ratio Lower Upper

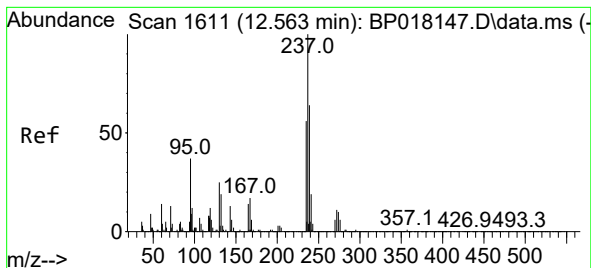
216 100

214 77.1 64.8 97.2

179 22.8 18.3 27.5

108 20.1 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 13.919 ng/ul

RT: 12.563 min Scan# 1611

Delta R.T. -0.006 min

Lab File: BP018169.D

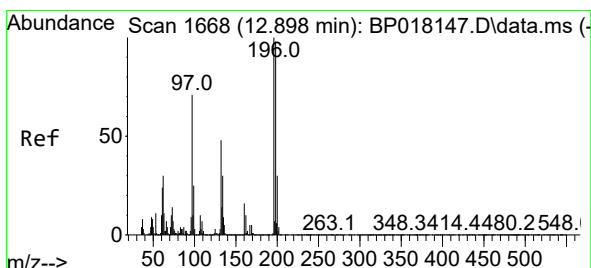
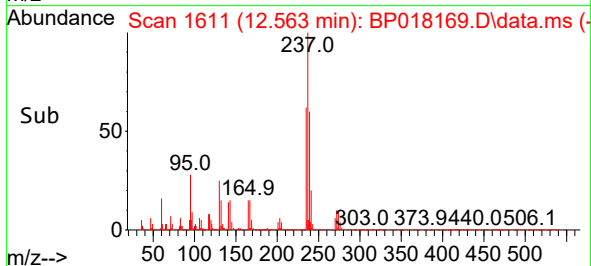
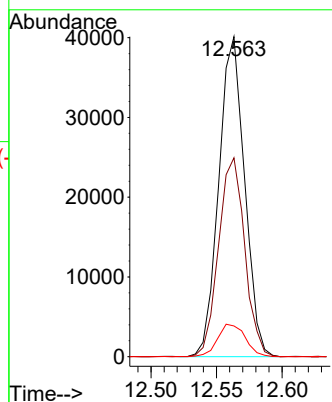
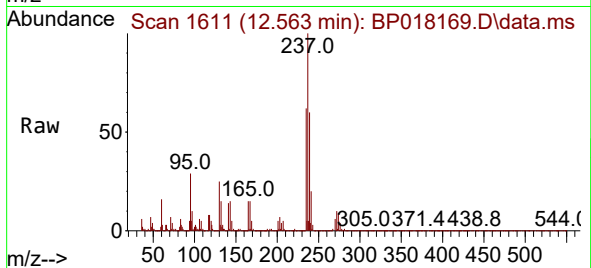
Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	54745
Ion Ratio	Lower	Upper
237	100	
235	62.1	49.9 74.9
272	9.6	8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 29.034 ng/ul

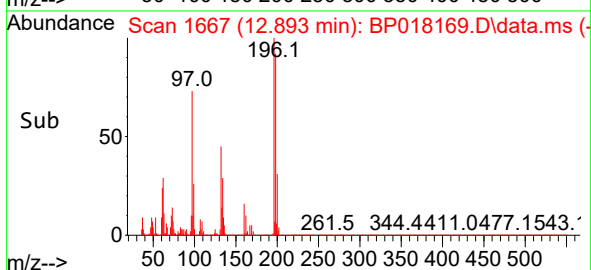
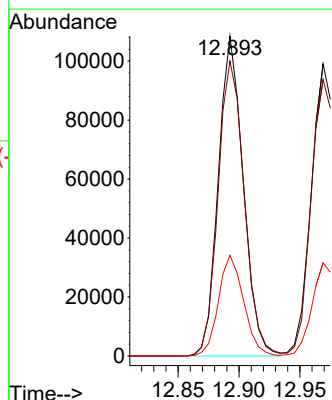
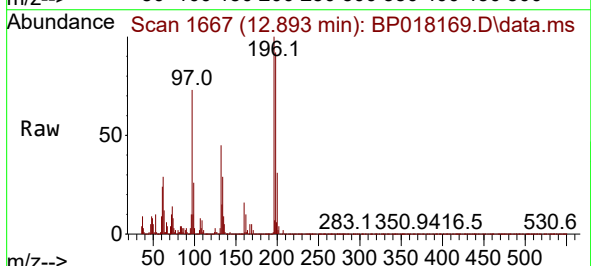
RT: 12.893 min Scan# 1667

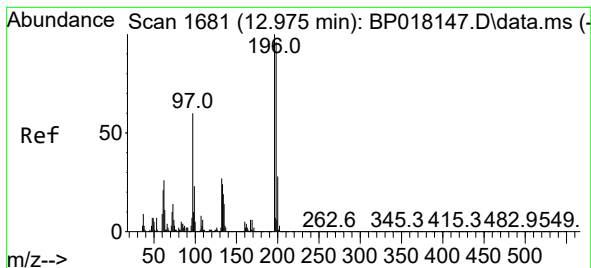
Delta R.T. -0.018 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

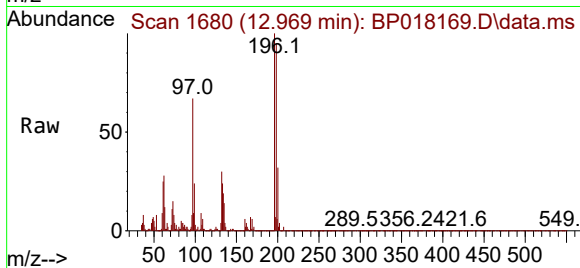
Tgt Ion:196	Resp:	155190
Ion Ratio	Lower	Upper
196	100	
198	92.2	78.9 118.3
200	31.5	25.8 38.8



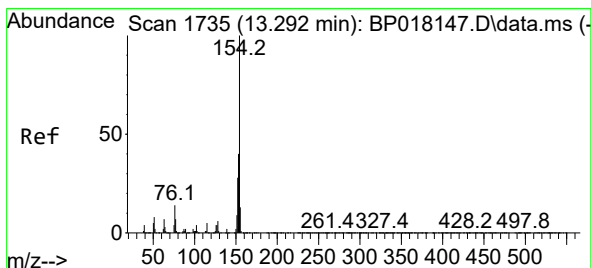
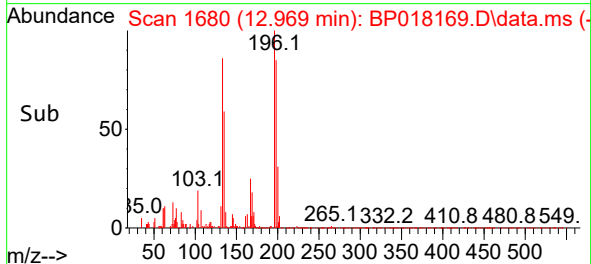
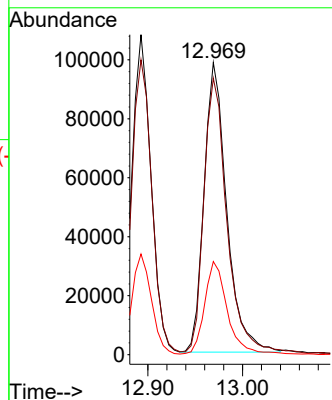


#42
2,4,5-Trichlorophenol
Concen: 29.041 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.018 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Instrument :
BNA_P
ClientSampleId :

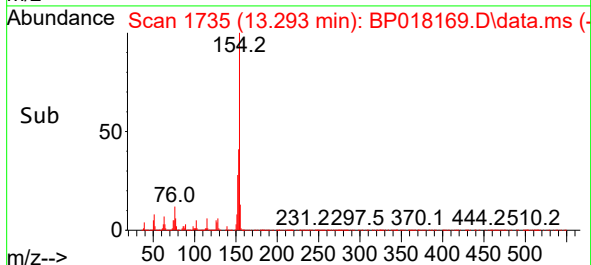
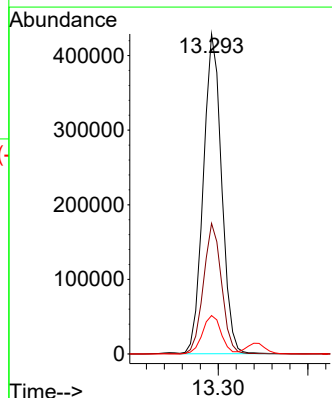
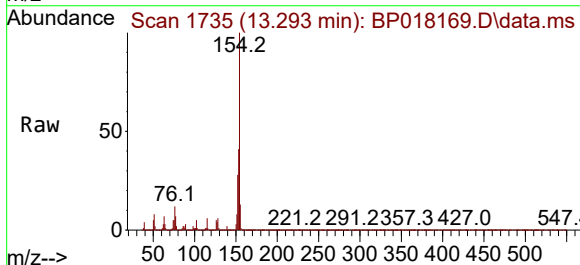


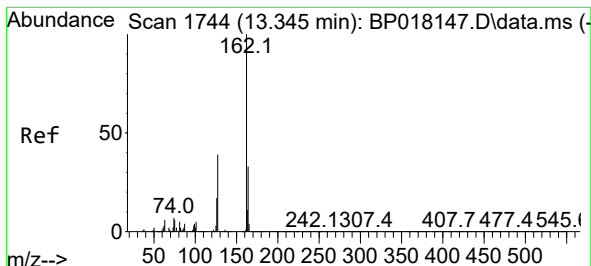
Tgt Ion:196 Resp: 163365
Ion Ratio Lower Upper
196 100
198 94.6 78.9 118.3
200 31.9 26.6 40.0



#43
1,1'-Biphenyl
Concen: 29.570 ng/ul
RT: 13.293 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:154 Resp: 606478
Ion Ratio Lower Upper
154 100
153 40.8 32.4 48.6
76 12.0 9.8 14.8





#44

2-Chloronaphthalene

Concen: 29.256 ng/ul

RT: 13.346 min Scan# 1

Delta R.T. -0.006 min

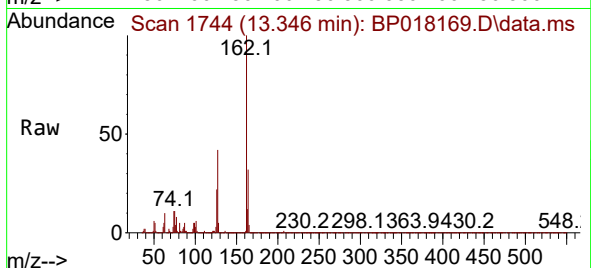
Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :



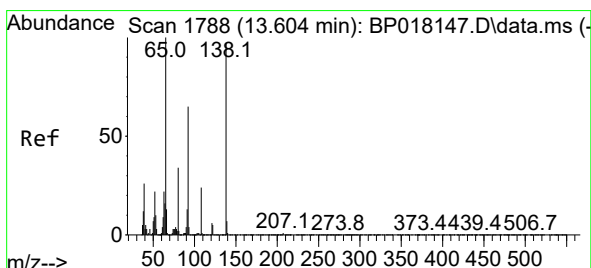
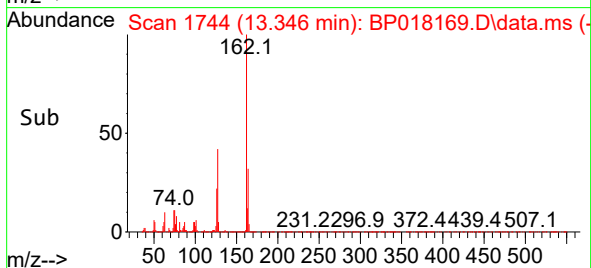
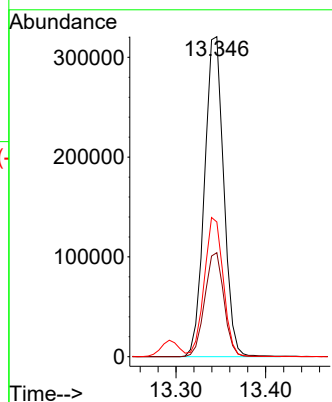
Tgt Ion:162 Resp: 476379

Ion Ratio Lower Upper

162 100

164 32.5 26.9 40.3

127 42.1 35.4 53.2



#45

2-Nitroaniline

Concen: 33.265 ng/ul

RT: 13.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

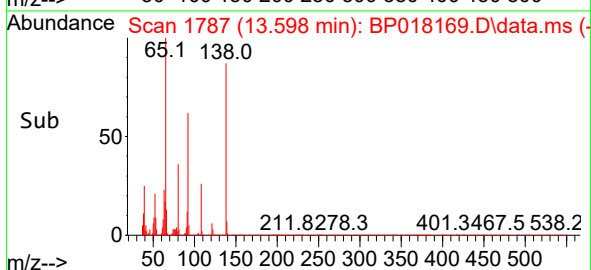
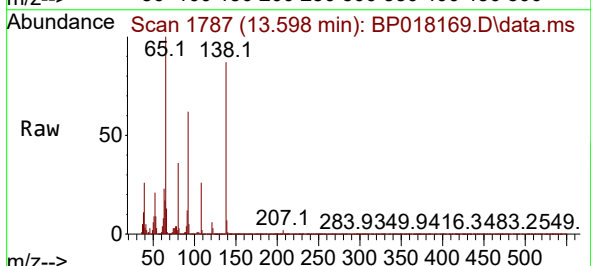
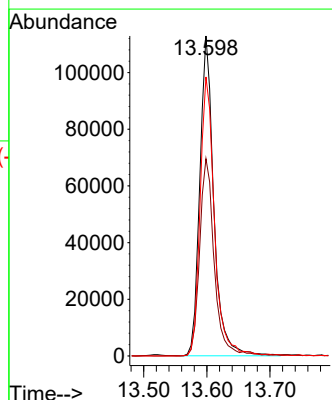
Tgt Ion: 65 Resp: 174792

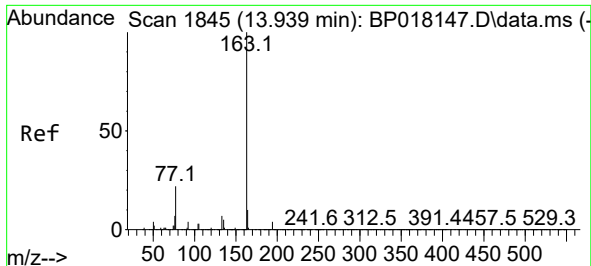
Ion Ratio Lower Upper

65 100

92 61.7 53.8 80.6

138 87.2 75.1 112.7

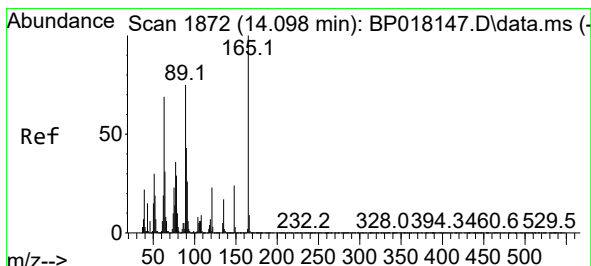
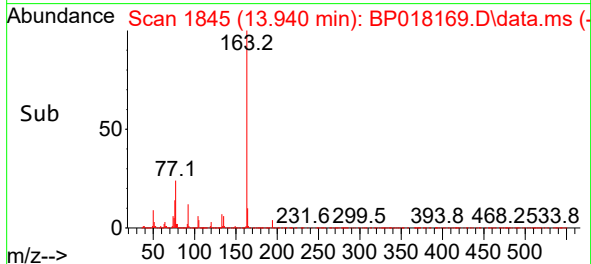
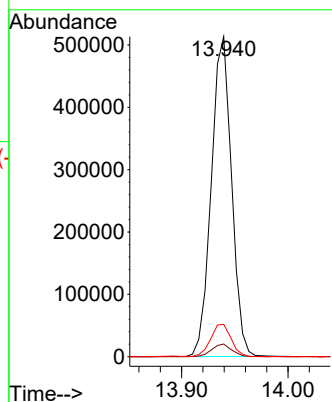
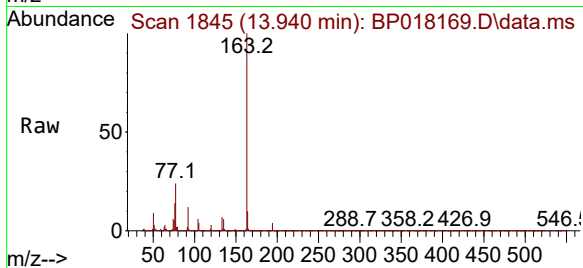




#47
Dimethylphthalate
Concen: 31.094 ng/ul
RT: 13.940 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

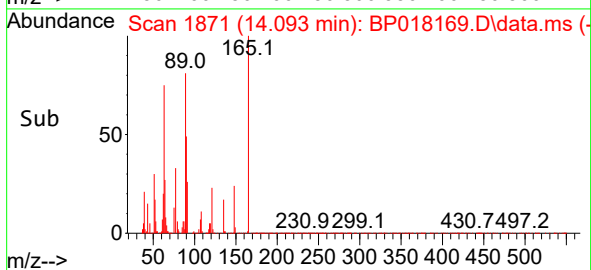
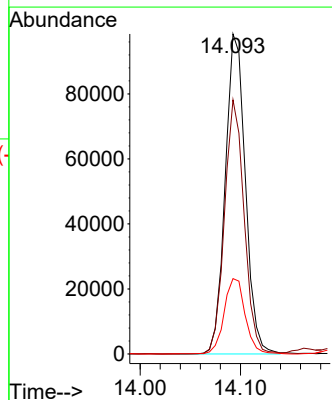
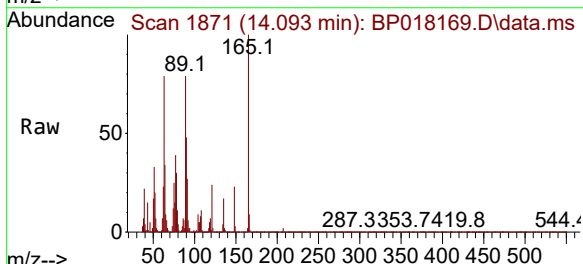
Instrument :
BNA_P
ClientSampleId :

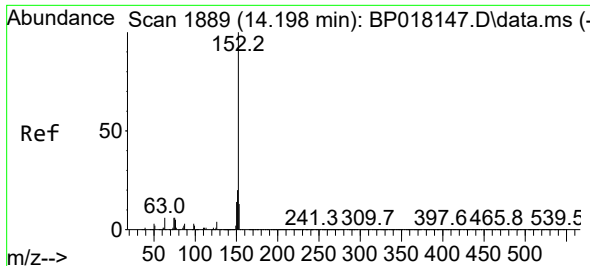
Tgt Ion:163 Resp: 678792
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 31.585 ng/ul
RT: 14.093 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:165 Resp: 137051
Ion Ratio Lower Upper
165 100
89 79.4 59.4 89.0
121 23.6 18.2 27.4

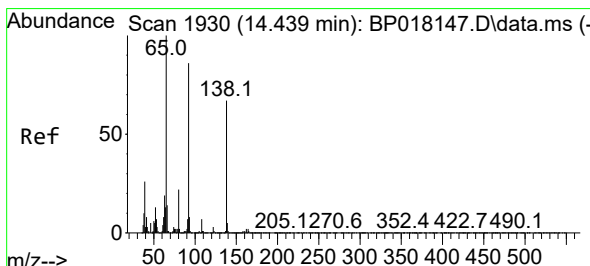
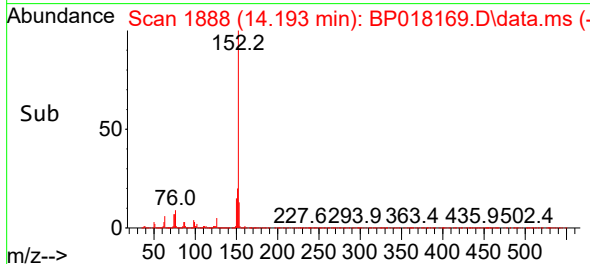
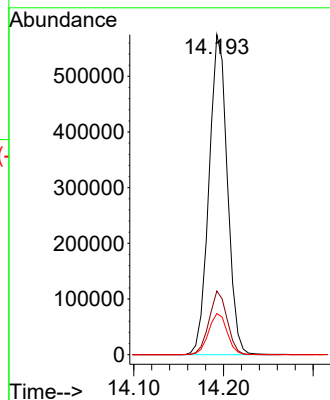
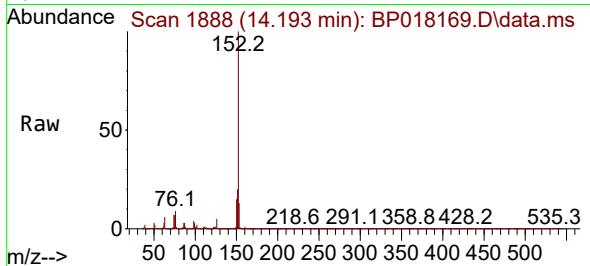




#50
Acenaphthylene
Concen: 29.805 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

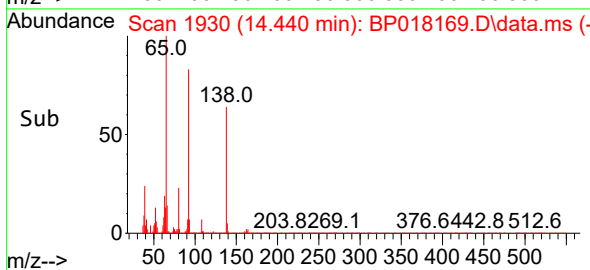
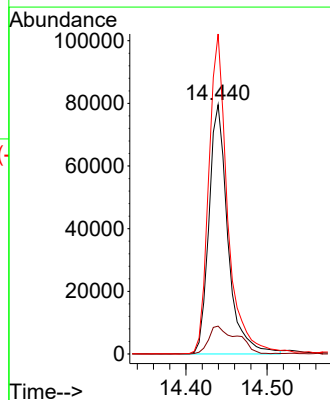
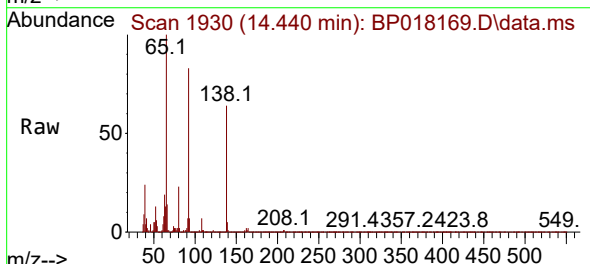
Instrument :
BNA_P
ClientSampleId :

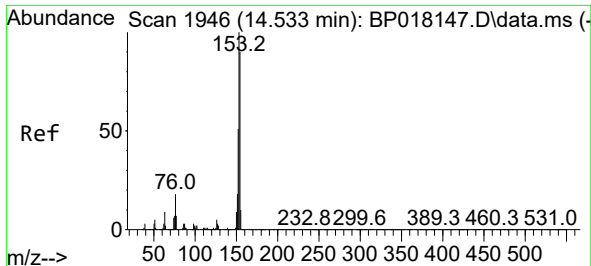
Tgt Ion:152 Resp: 815660
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.8 10.4 15.6



#51
3-Nitroaniline
Concen: 32.055 ng/ul
RT: 14.440 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:138 Resp: 129066
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 128.4 99.0 148.4

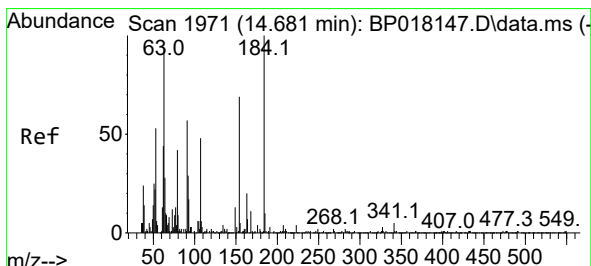
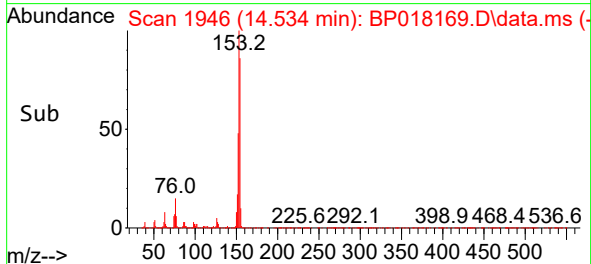
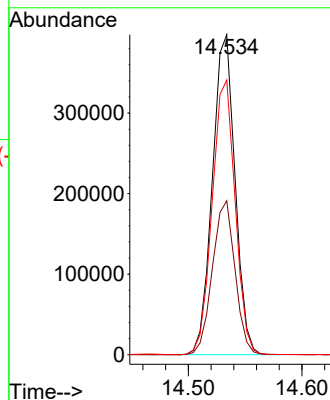
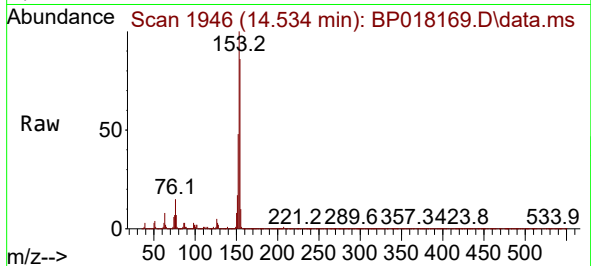




#52
Acenaphthene
Concen: 30.356 ng/ul
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

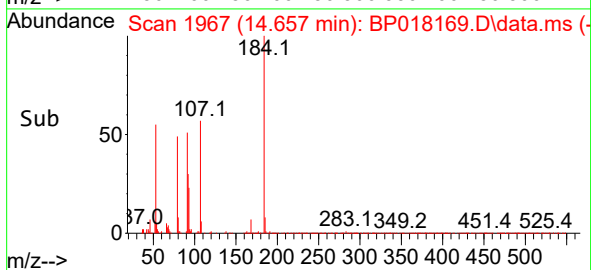
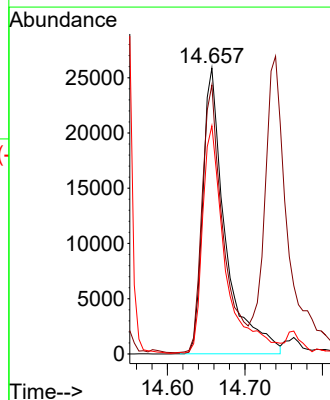
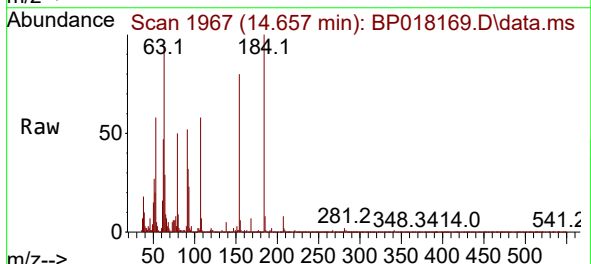
Instrument :
BNA_P
ClientSampleId :

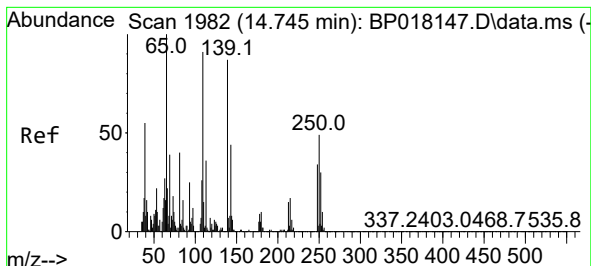
Tgt Ion:153 Resp: 550866
Ion Ratio Lower Upper
153 100
152 48.1 39.0 58.6
154 85.8 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 22.072 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. -0.076 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:184 Resp: 52246
Ion Ratio Lower Upper
184 100
63 94.1 67.7 101.5
154 79.8 60.2 90.4

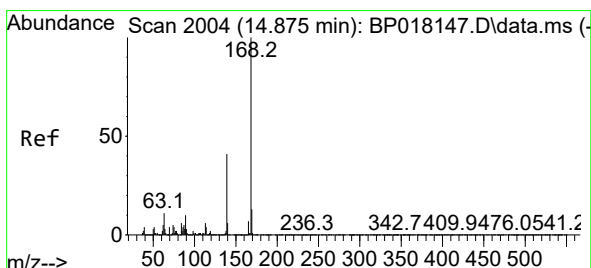
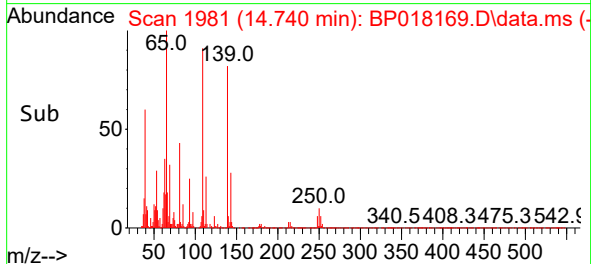
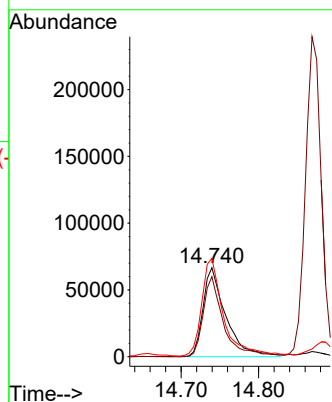
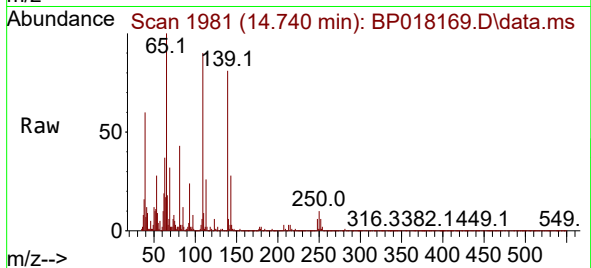




#55
4-Nitrophenol
Concen: 30.764 ng/ul
RT: 14.740 min Scan# 1982
Delta R.T. -0.018 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

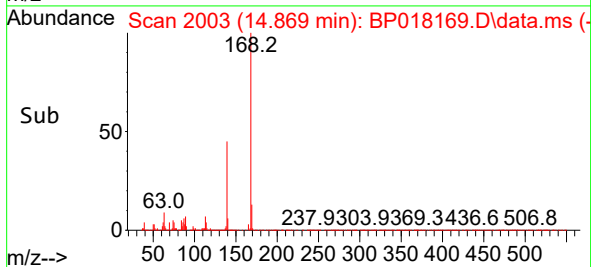
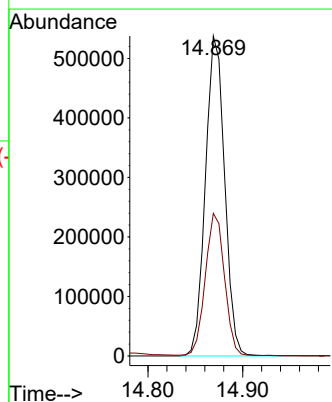
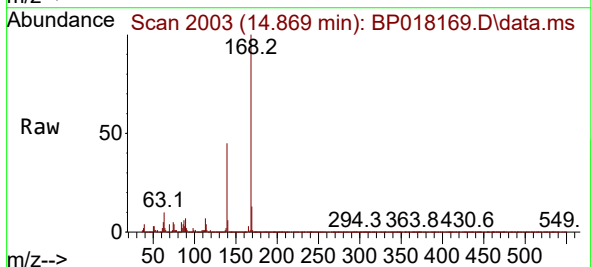
Instrument :
BNA_P
ClientSampleId :

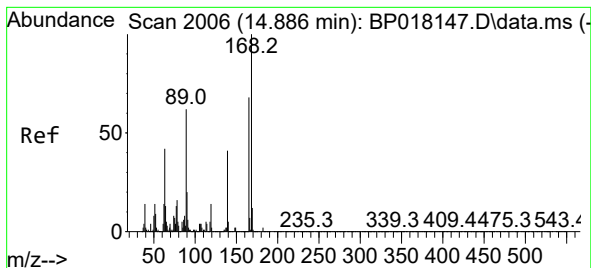
Tgt Ion:109 Resp: 135803
Ion Ratio Lower Upper
109 100
139 89.8 74.9 112.3
65 110.6 93.8 140.6



#56
Dibenzofuran
Concen: 30.348 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

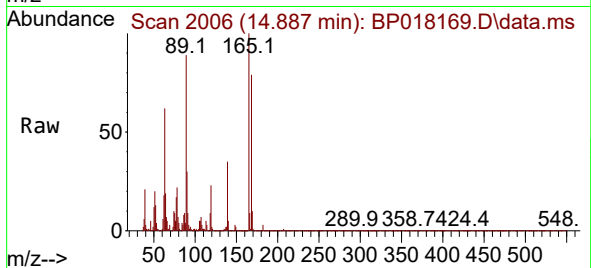
Tgt Ion:168 Resp: 754704
Ion Ratio Lower Upper
168 100
139 44.6 34.0 51.0



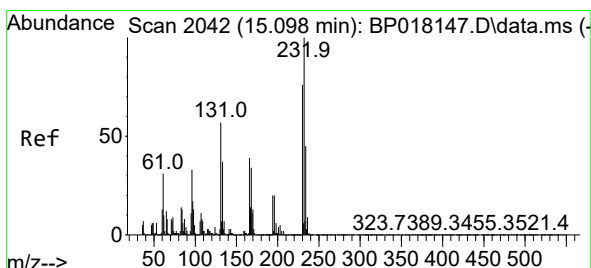
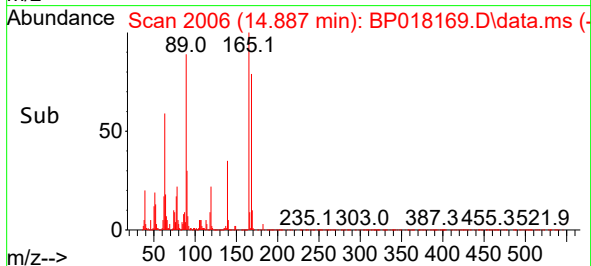
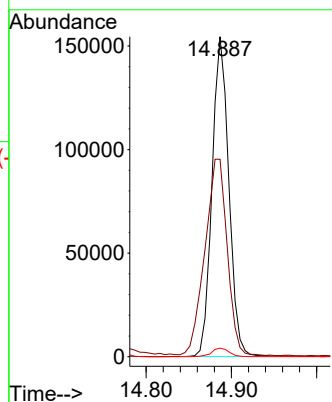


#57
2,4-Dinitrotoluene
Concen: 32.503 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Instrument :
BNA_P
ClientSampleId :

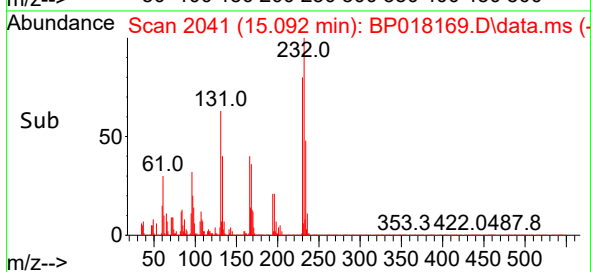
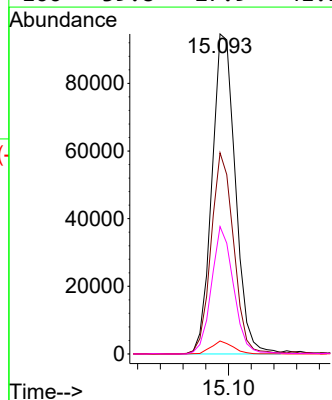
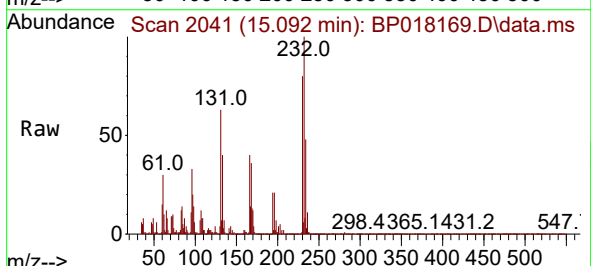


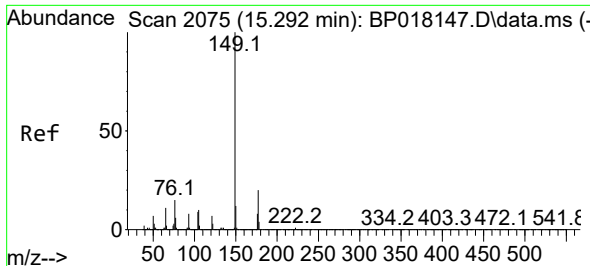
Tgt Ion:165 Resp: 210714
Ion Ratio Lower Upper
165 100
63 61.7 48.6 72.8
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 27.124 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.053 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

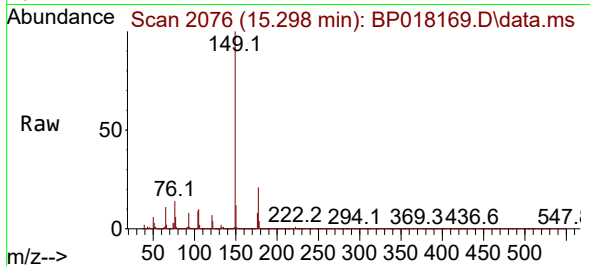
Tgt Ion:232 Resp: 135736
Ion Ratio Lower Upper
232 100
131 62.8 44.1 66.1
130 4.0 2.5 3.7#
166 39.8 27.9 41.9



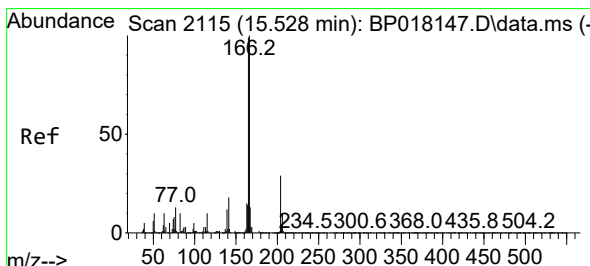
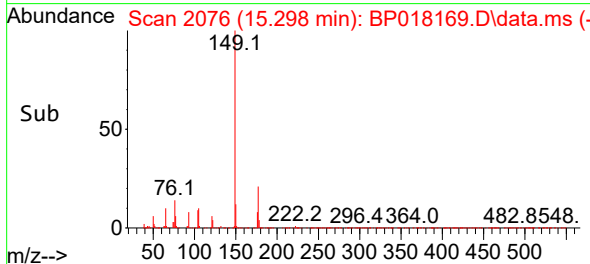
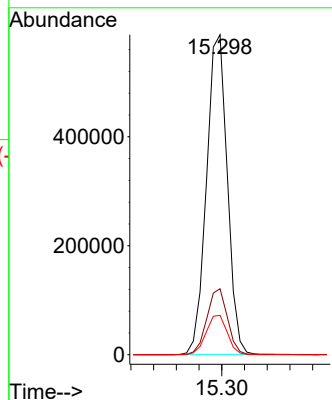


#59
Diethylphthalate
Concen: 32.674 ng/ul
RT: 15.298 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Instrument :
BNA_P
ClientSampleId :

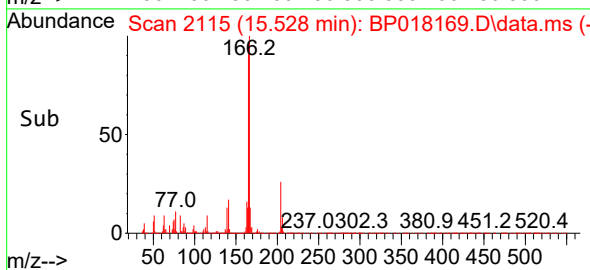
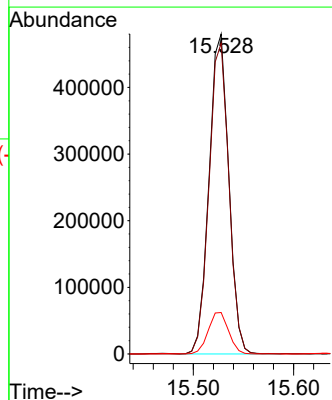
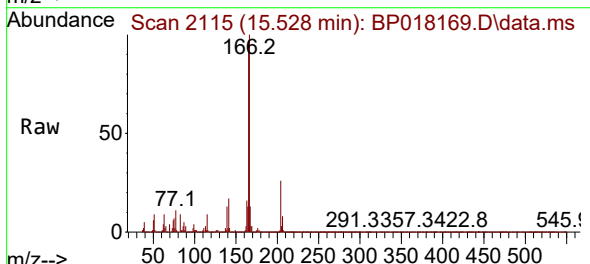


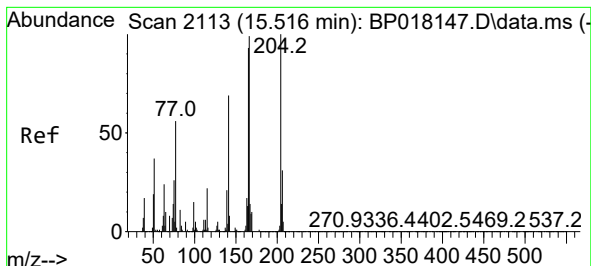
Tgt Ion:149 Resp: 745202
Ion Ratio Lower Upper
149 100
177 20.6 16.3 24.5
150 12.3 10.0 15.0



#61
Fluorene
Concen: 31.159 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:166 Resp: 657843
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 13.0 10.6 16.0

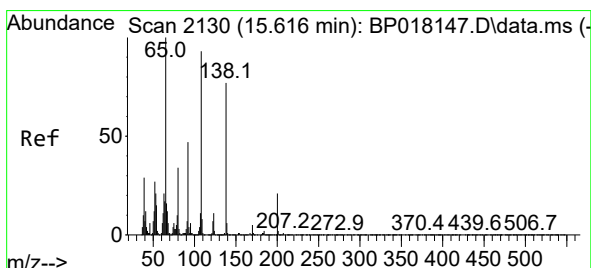
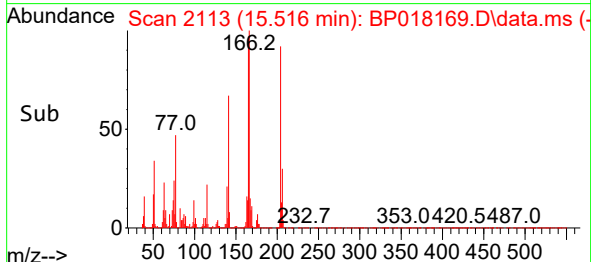
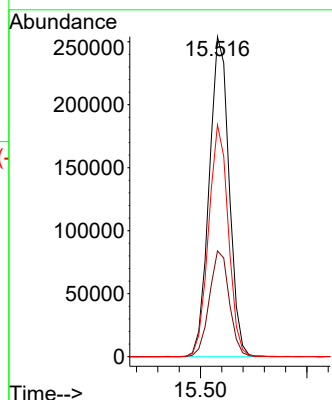
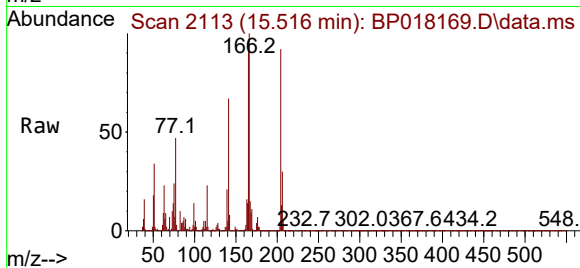




#62
4-Chlorophenyl-phenylether
Concen: 31.795 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

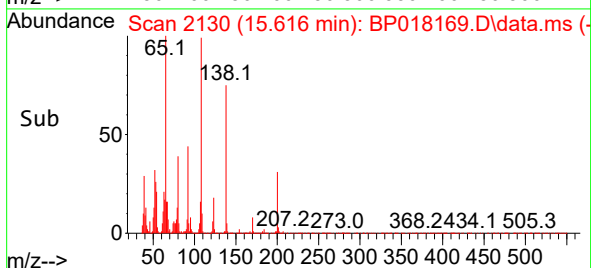
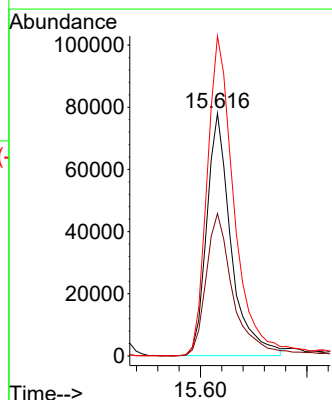
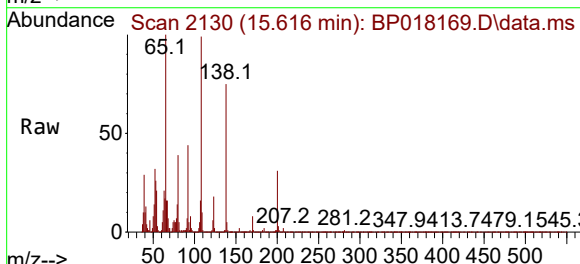
Instrument :
BNA_P
ClientSampleId :

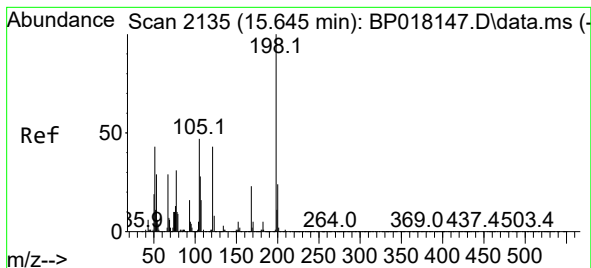
Tgt Ion:204 Resp: 328957
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 72.5 56.0 84.0



#63
4-Nitroaniline
Concen: 32.607 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:138 Resp: 123891
Ion Ratio Lower Upper
138 100
92 58.6 46.6 70.0
108 131.8 104.7 157.1

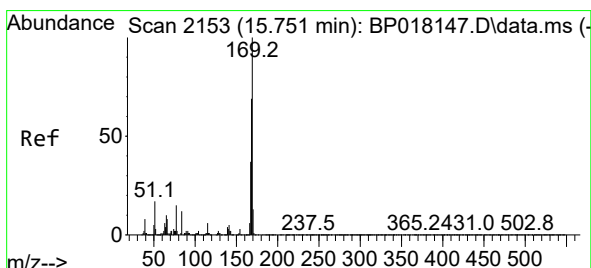
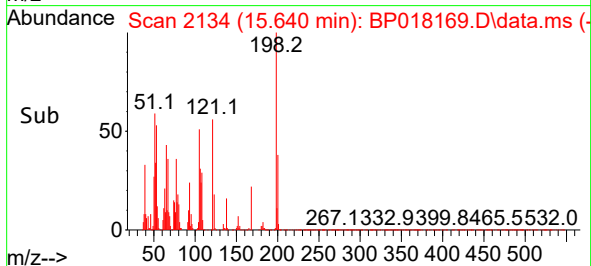
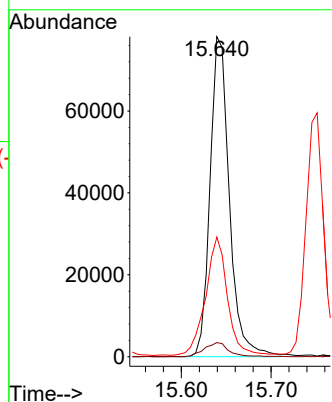
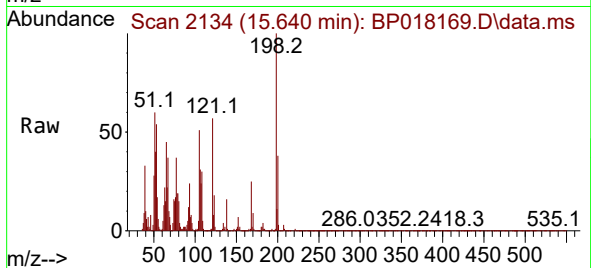




#66
 4,6-Dinitro-2-methylphenol
 Concen: 28.179 ng/ul
 RT: 15.640 min Scan# 2135
 Delta R.T. -0.041 min
 Lab File: BP018169.D
 Acq: 14 Nov 2023 22:55

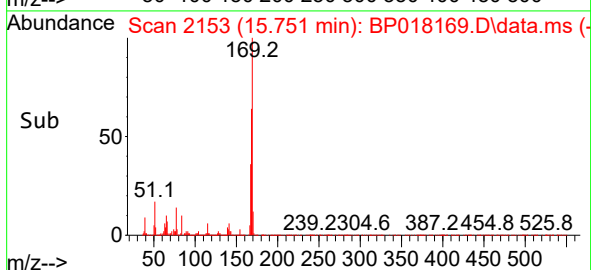
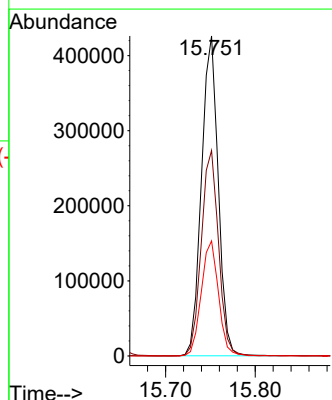
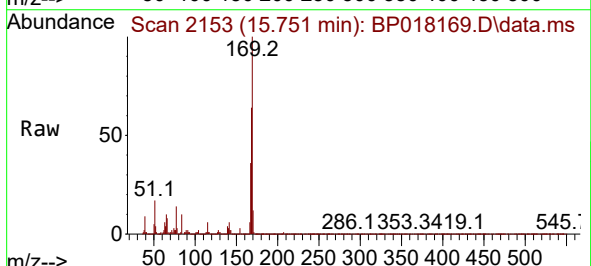
Instrument :
 BNA_P
 ClientSampleId :

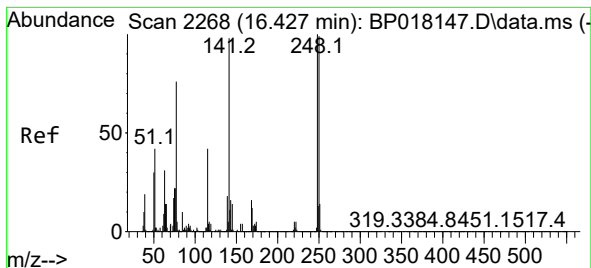
Tgt Ion:198 Resp: 116810
 Ion Ratio Lower Upper
 198 100
 182 4.4 3.8 5.6
 77 37.3 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 31.092 ng/ul
 RT: 15.751 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: BP018169.D
 Acq: 14 Nov 2023 22:55

Tgt Ion:169 Resp: 551021
 Ion Ratio Lower Upper
 169 100
 168 64.2 53.8 80.8
 167 36.0 29.8 44.6

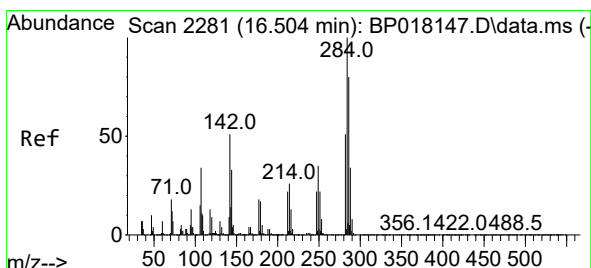
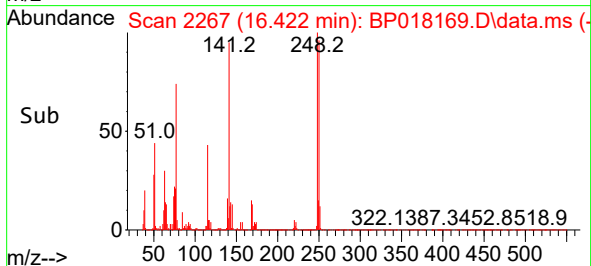
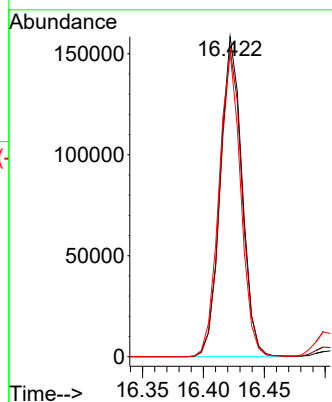
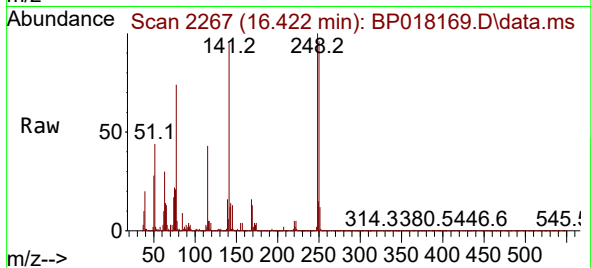




#68
4-Bromophenyl-phenylether
Concen: 31.596 ng/ul
RT: 16.422 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

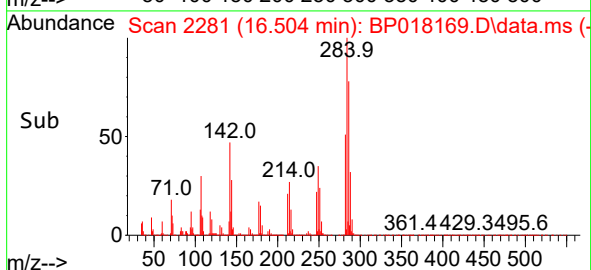
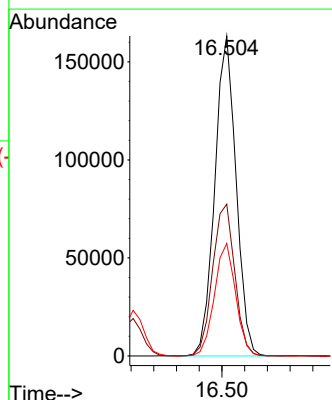
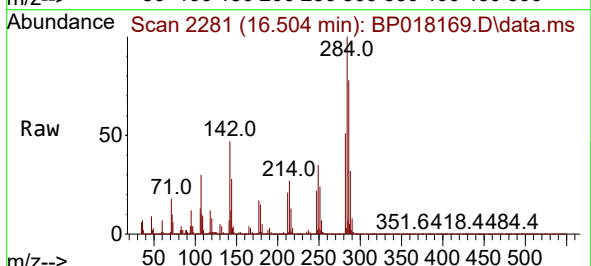
Instrument :
BNA_P
ClientSampleId :

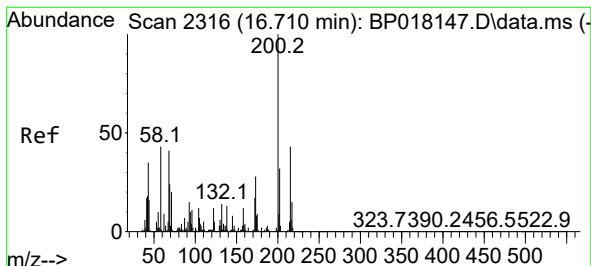
Tgt Ion:248 Resp: 196788
Ion Ratio Lower Upper
248 100
250 95.8 72.7 109.1
141 95.2 70.4 105.6



#69
Hexachlorobenzene
Concen: 30.546 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP018169.D
Acq: 14 Nov 2023 22:55

Tgt Ion:284 Resp: 212284
Ion Ratio Lower Upper
284 100
142 47.5 38.9 58.3
249 35.2 28.6 43.0





#70

Atrazine

Concen: 23.811 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. -0.041 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

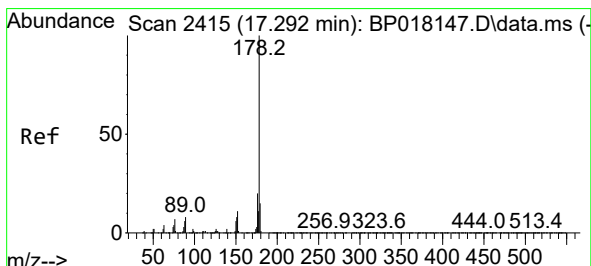
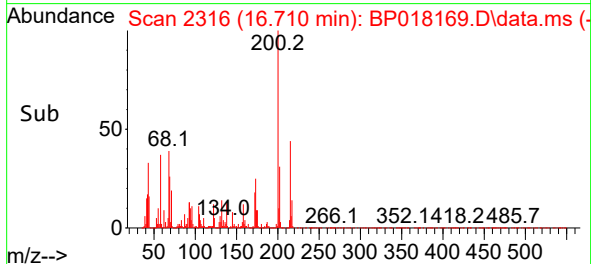
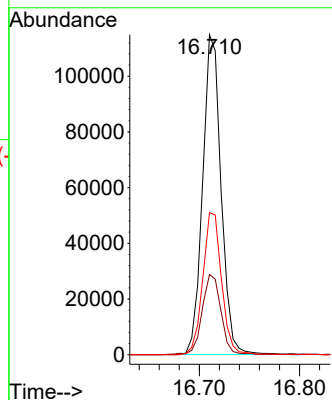
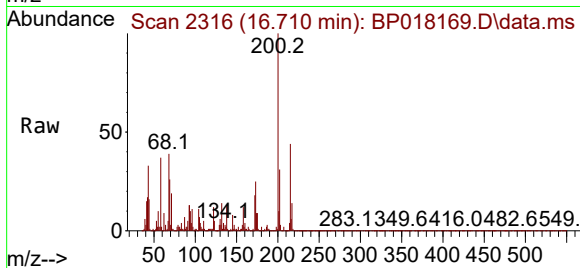
Tgt Ion:200 Resp: 147202

Ion Ratio Lower Upper

200 100

173 25.1 20.2 30.2

215 44.4 37.8 56.8



#72

Phenanthrene

Concen: 31.225 ng/ul

RT: 17.292 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

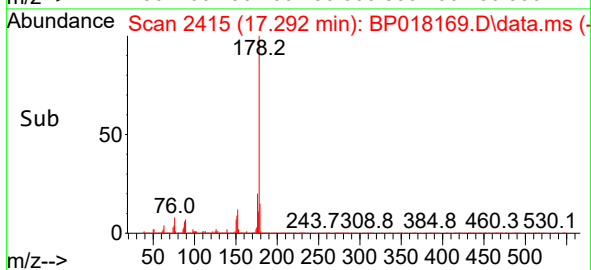
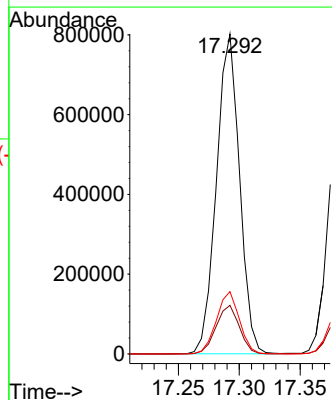
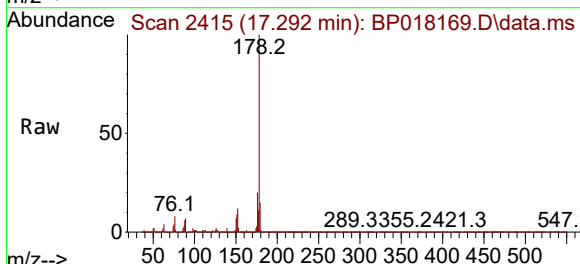
Tgt Ion:178 Resp: 1059456

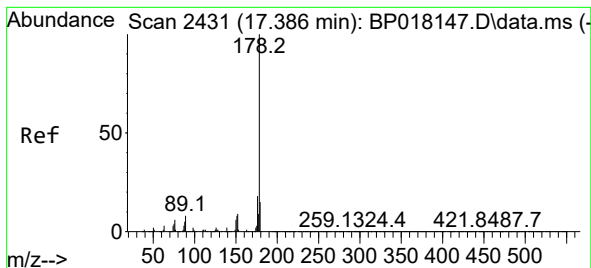
Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

176 19.5 15.5 23.3





#74

Anthracene

Concen: 30.667 ng/uI

RT: 17.387 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

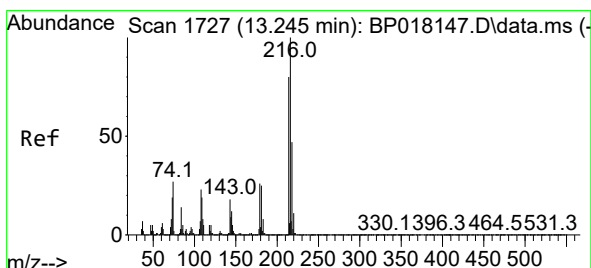
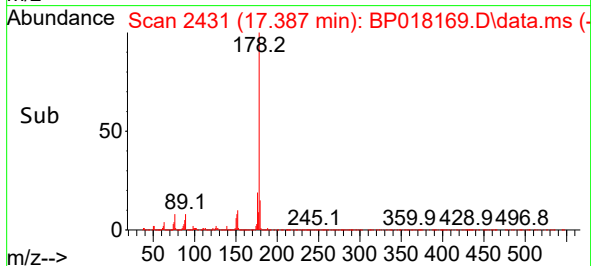
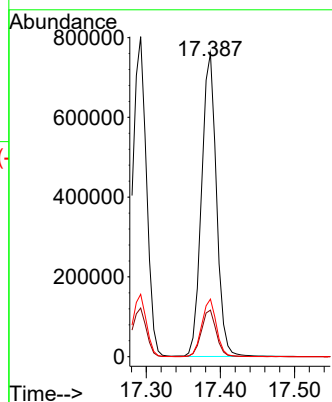
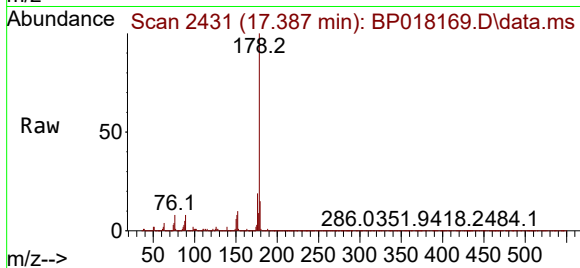
Tgt Ion:178 Resp: 1061854

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 19.0 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.779 ng/uI

RT: 13.246 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

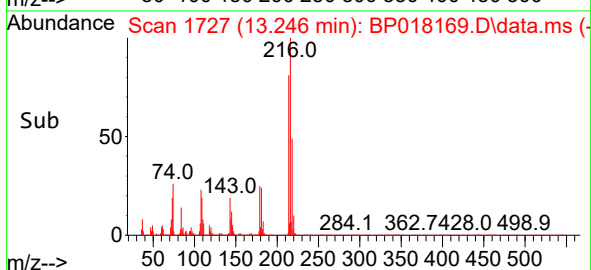
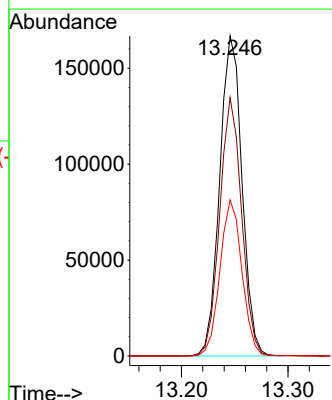
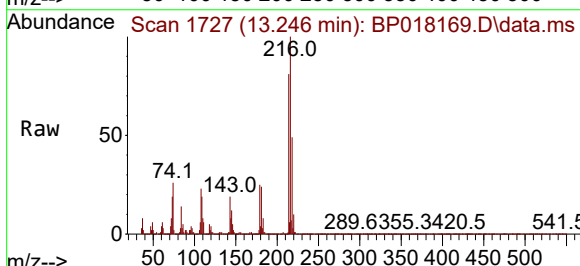
Tgt Ion:216 Resp: 242853

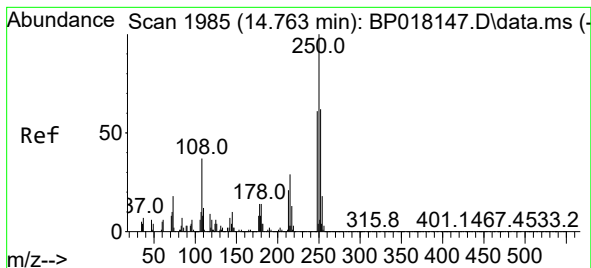
Ion Ratio Lower Upper

216 100

214 80.7 64.0 96.0

218 48.8 39.0 58.4





#76

Pentachlorobenzene

Concen: 30.046 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

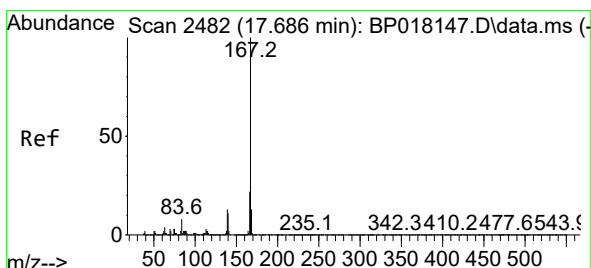
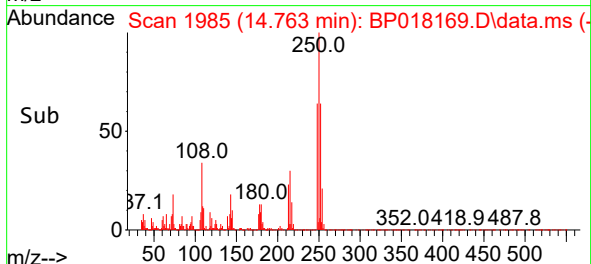
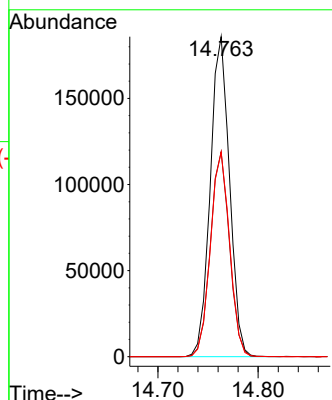
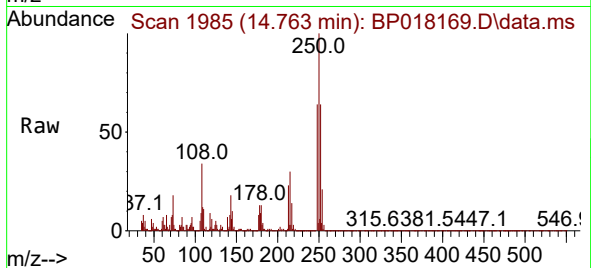
Tgt Ion:250 Resp: 248211

Ion Ratio Lower Upper

250 100

248 64.0 52.7 79.1

252 64.0 52.3 78.5



#77

Carbazole

Concen: 32.051 ng/uL

RT: 17.681 min Scan# 2481

Delta R.T. -0.012 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

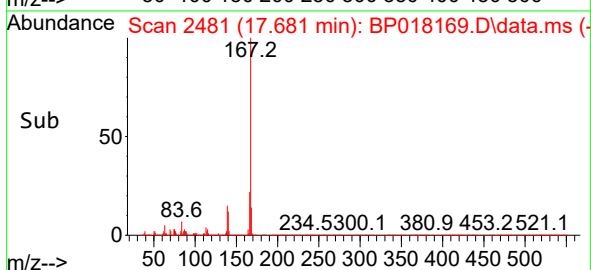
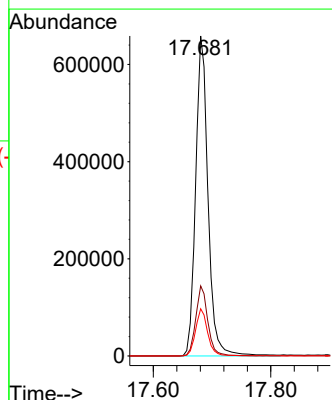
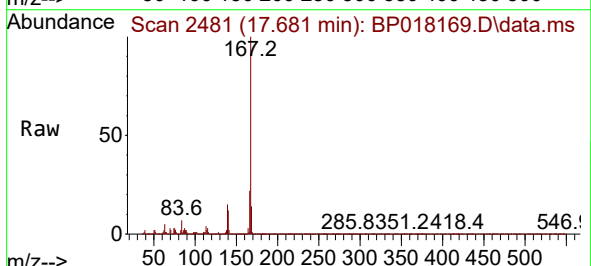
Tgt Ion:167 Resp: 963705

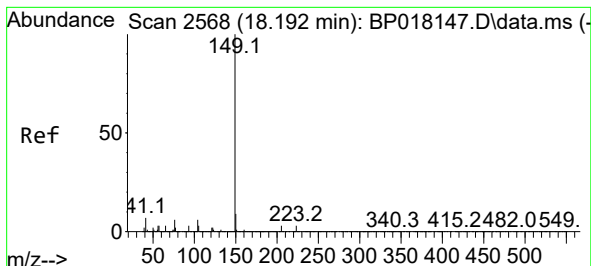
Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

139 14.7 11.4 17.0





#78

Di-n-butylphthalate

Concen: 35.485 ng/ul

RT: 18.192 min Scan# 2568

Delta R.T. -0.012 min

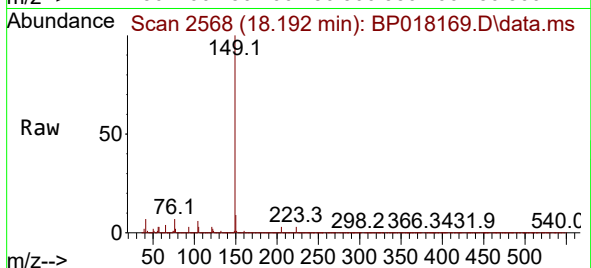
Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :



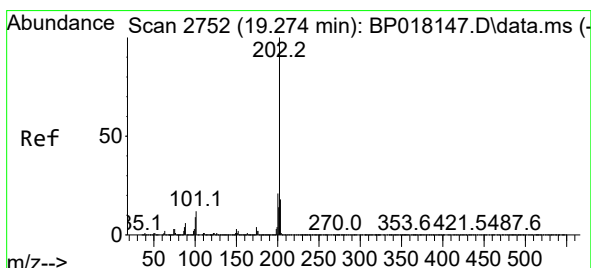
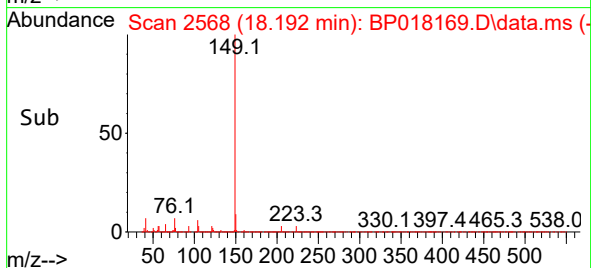
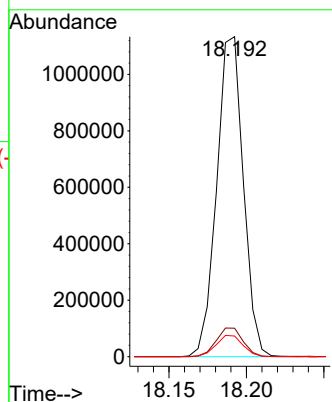
Tgt Ion:149 Resp: 1353762

Ion Ratio Lower Upper

149 100

150 8.9 6.7 10.1

104 6.5 5.1 7.7



#80

Fluoranthene

Concen: 31.244 ng/ul

RT: 19.275 min Scan# 2752

Delta R.T. -0.012 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

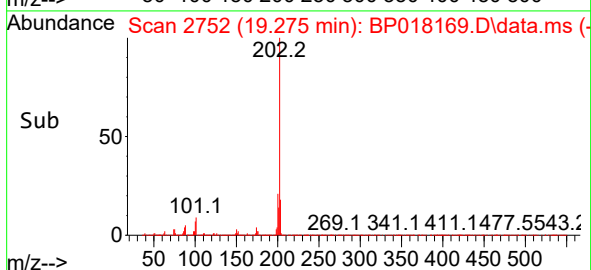
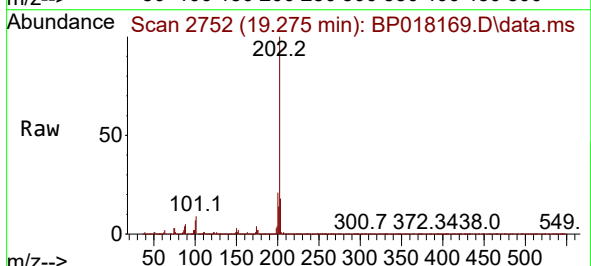
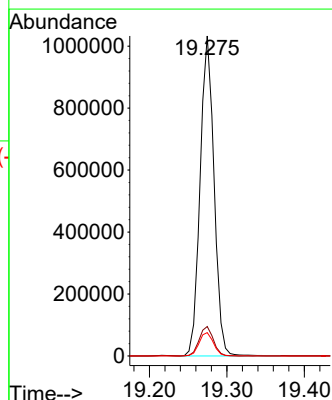
Tgt Ion:202 Resp: 1289943

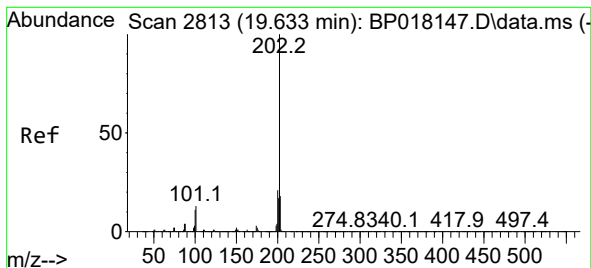
Ion Ratio Lower Upper

202 100

101 9.2 7.2 10.8

100 7.3 5.8 8.6





#82

Pyrene

Concen: 31.297 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. -0.012 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

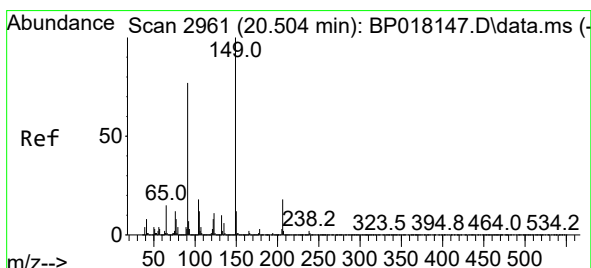
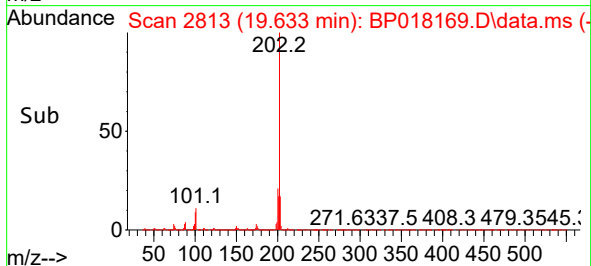
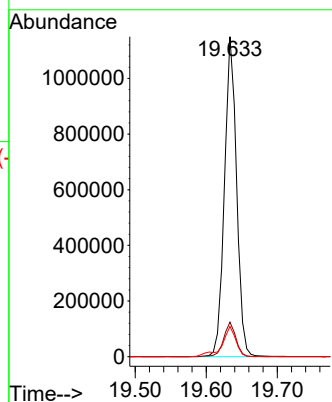
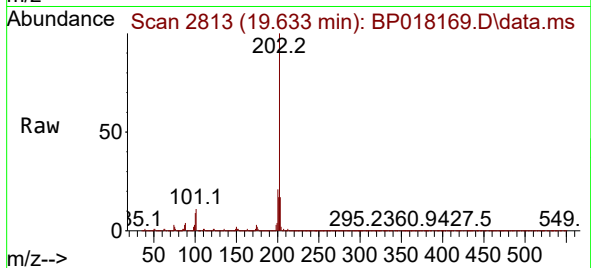
Tgt Ion:202 Resp: 1354007

Ion Ratio Lower Upper

202 100

101 10.8 8.3 12.5

100 9.5 7.4 11.2



#83

Butylbenzylphthalate

Concen: 35.361 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. -0.012 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

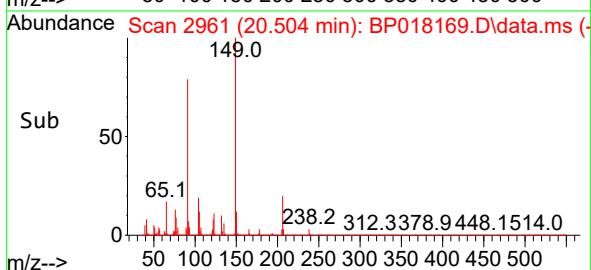
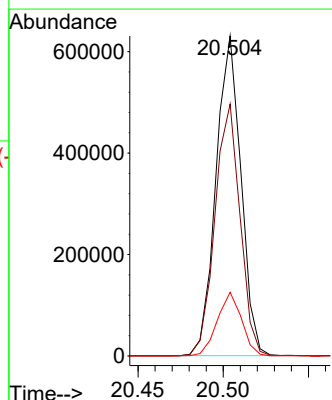
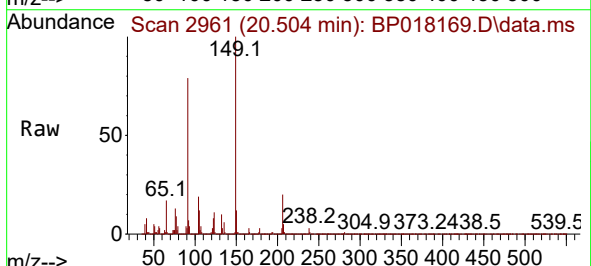
Tgt Ion:149 Resp: 643360

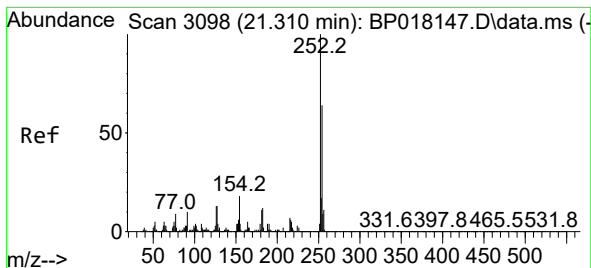
Ion Ratio Lower Upper

149 100

91 78.8 59.6 89.4

206 19.9 14.3 21.5





#84

3,3'-Dichlorobenzidine

Concen: 29.049 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.018 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

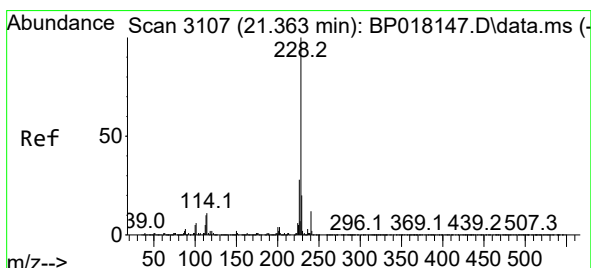
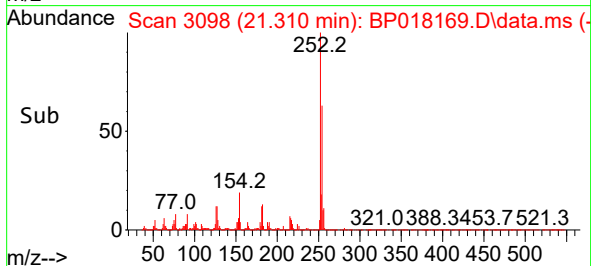
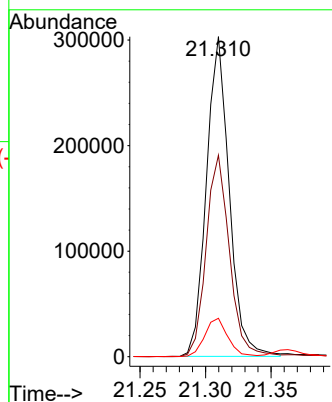
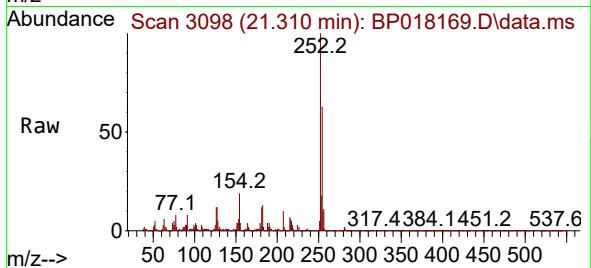
Tgt Ion:252 Resp: 367320

Ion Ratio Lower Upper

252 100

254 62.9 48.9 73.3

126 12.0 9.4 14.0



#85

Benzo(a)anthracene

Concen: 31.483 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. -0.012 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

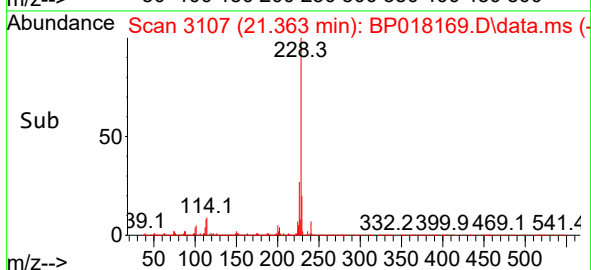
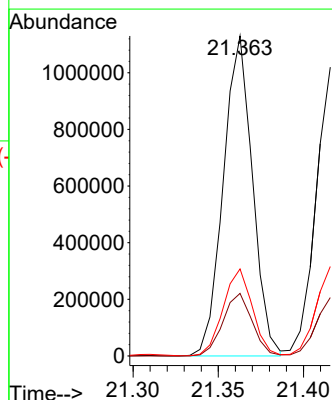
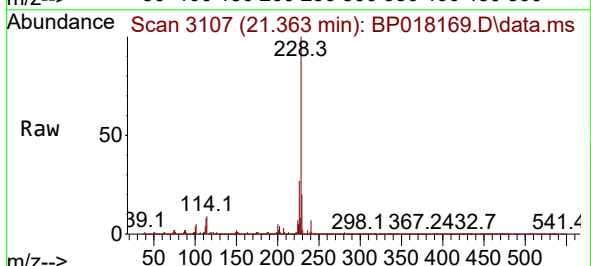
Tgt Ion:228 Resp: 1345477

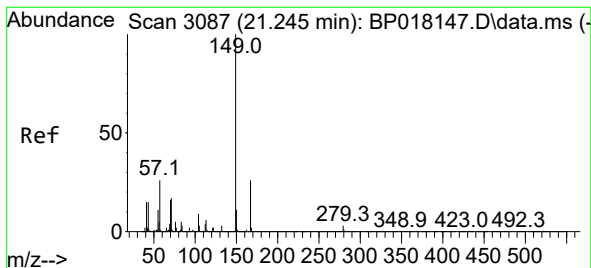
Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

226 27.2 21.4 32.0

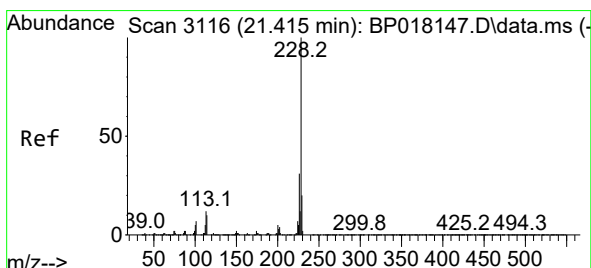
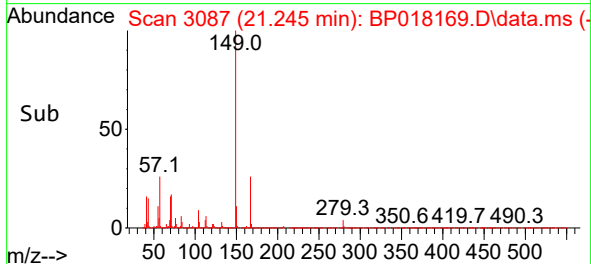
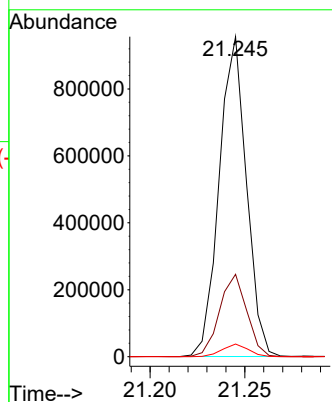
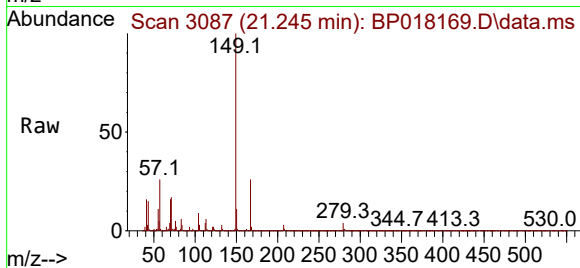




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 38.058 ng/ul
 RT: 21.245 min Scan# 3087
 Delta R.T. -0.012 min
 Lab File: BP018169.D
 Acq: 14 Nov 2023 22:55

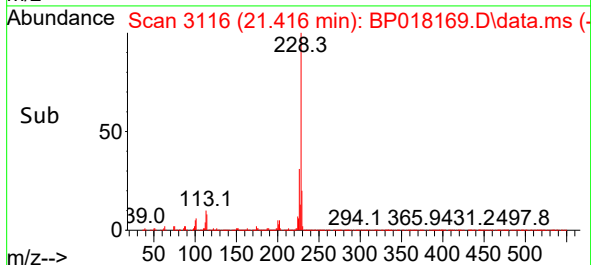
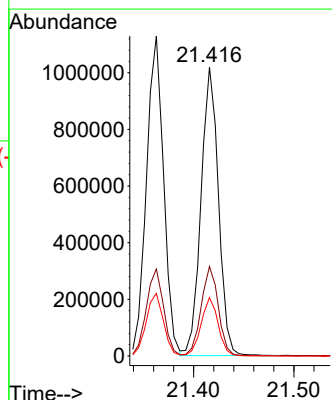
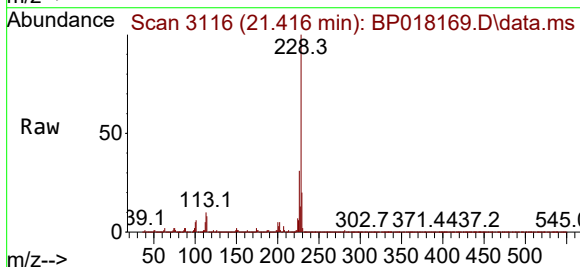
Instrument :
 BNA_P
 ClientSampleId :

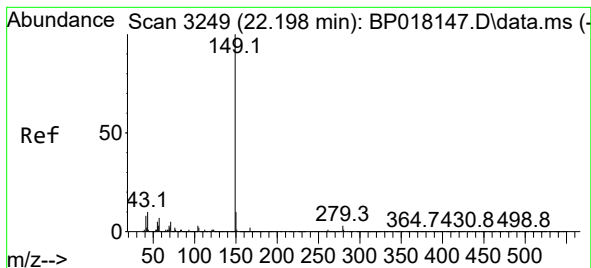
Tgt Ion:149 Resp: 954669
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 3.9 3.2 4.8



#87
 Chrysene
 Concen: 30.897 ng/ul
 RT: 21.416 min Scan# 3116
 Delta R.T. -0.012 min
 Lab File: BP018169.D
 Acq: 14 Nov 2023 22:55

Tgt Ion:228 Resp: 1235331
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.1 34.7
 229 20.2 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 40.430 ng/ul

RT: 22.192 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP018169.D

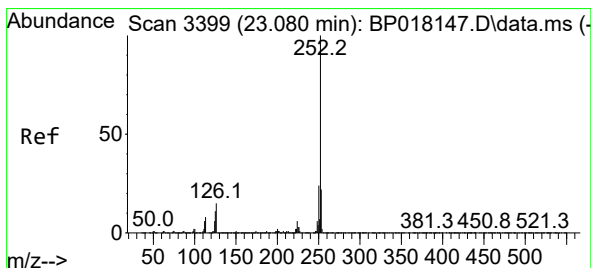
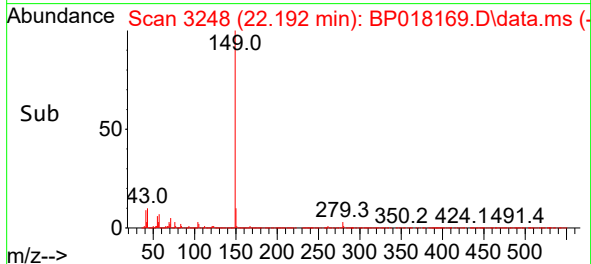
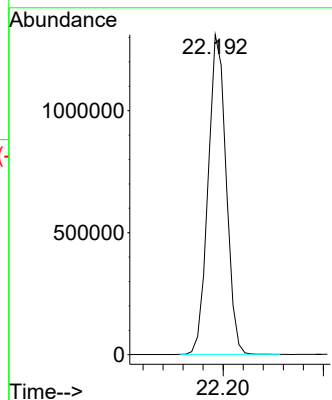
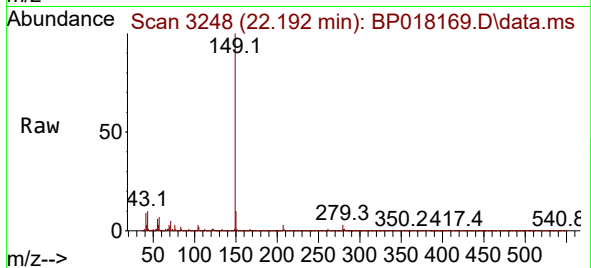
Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 1638171



#90

Benzo(b)fluoranthene

Concen: 32.364 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. -0.018 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

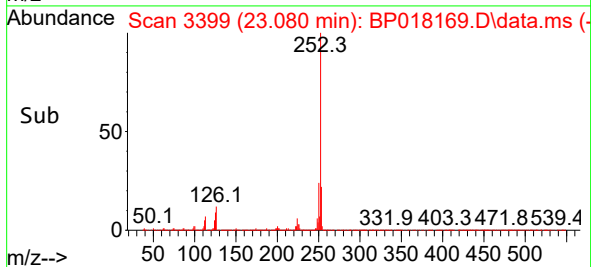
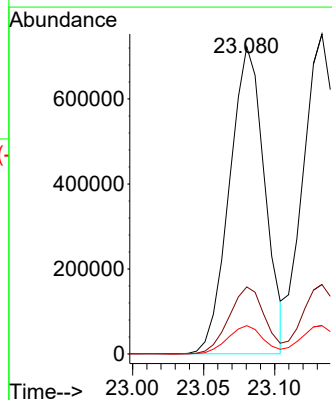
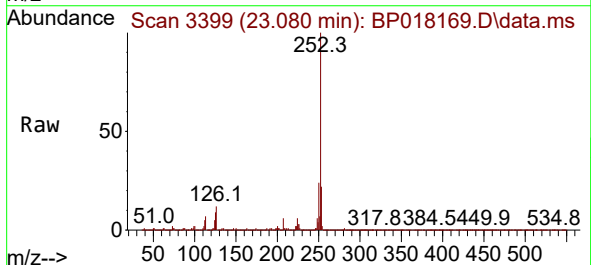
Tgt Ion:252 Resp: 1247885

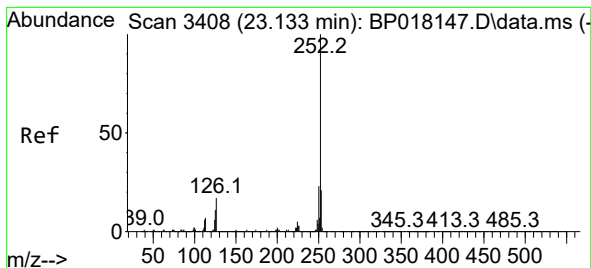
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 9.2 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 32.862 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. -0.018 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

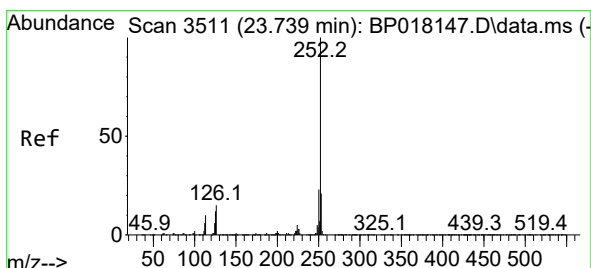
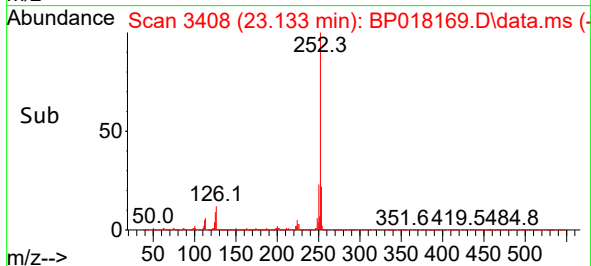
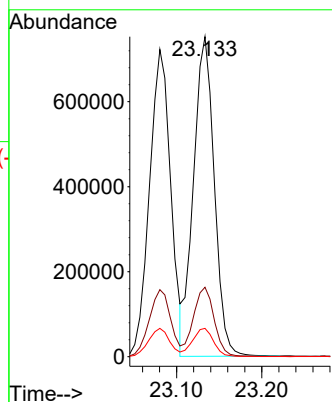
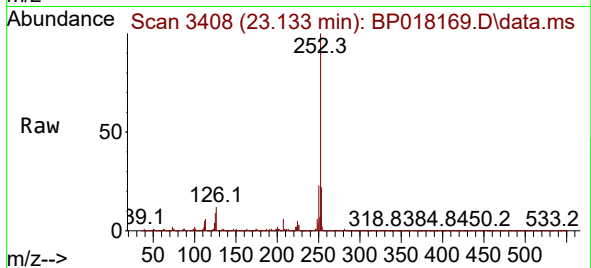
Tgt Ion:252 Resp: 1274830

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.8 6.8 10.2



#93

Benzo(a)pyrene

Concen: 32.418 ng/ul

RT: 23.739 min Scan# 3511

Delta R.T. -0.018 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

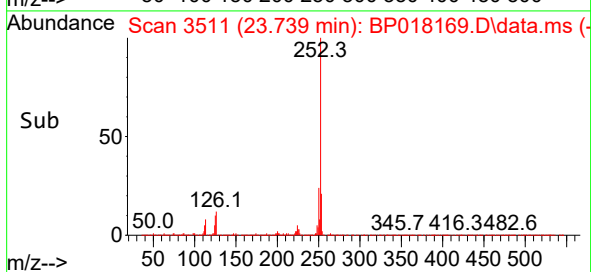
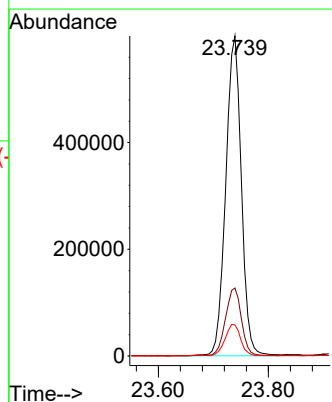
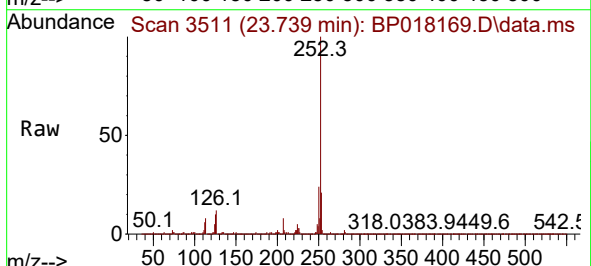
Tgt Ion:252 Resp: 1180425

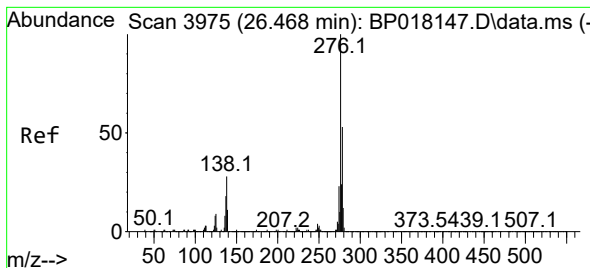
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.7 7.3 10.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 31.324 ng/ul

RT: 26.474 min Scan# 3975

Delta R.T. -0.018 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :

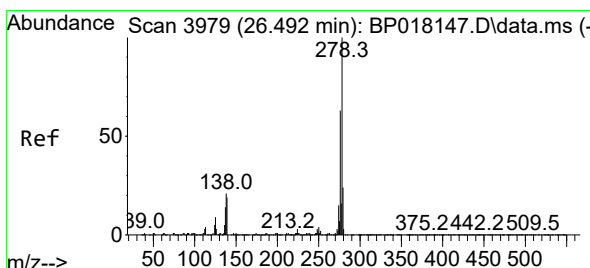
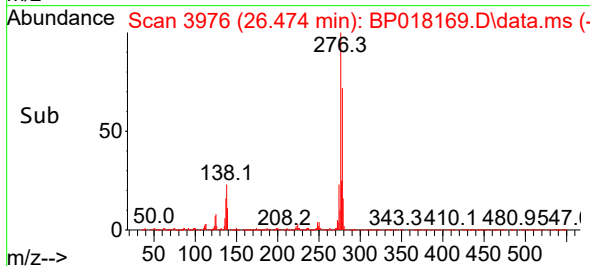
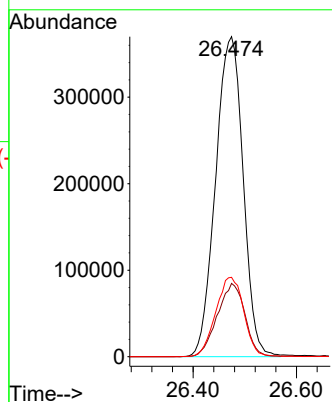
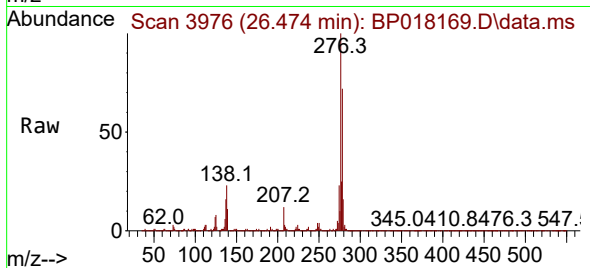
Tgt Ion:276 Resp: 1368008

Ion Ratio Lower Upper

276 100

138 22.9 15.6 23.4

277 24.8 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 31.901 ng/ul

RT: 26.492 min Scan# 3979

Delta R.T. -0.029 min

Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

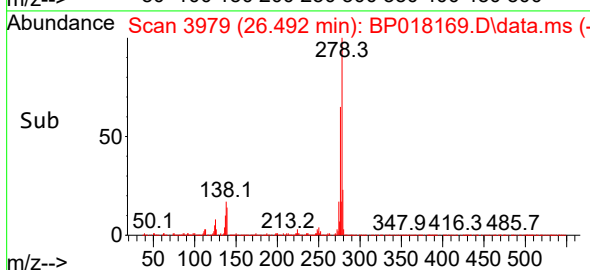
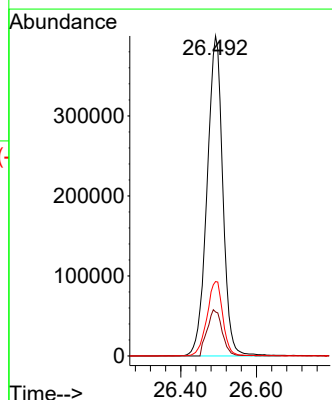
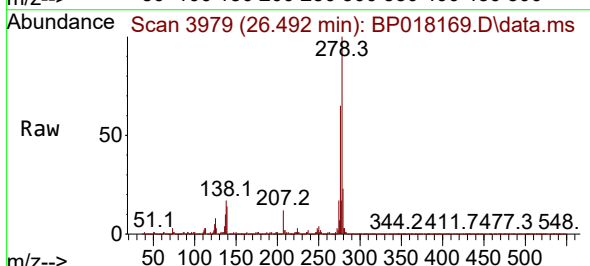
Tgt Ion:278 Resp: 1147145

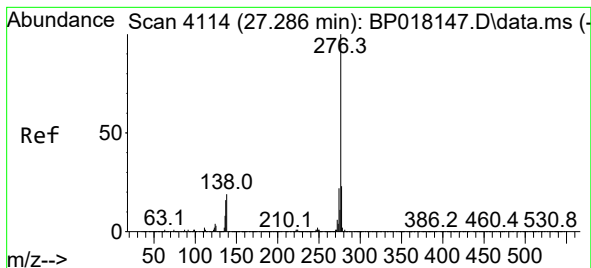
Ion Ratio Lower Upper

278 100

139 13.7 11.1 16.7

279 23.3 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 31.371 ng/ul

RT: 27.286 min Scan# 4114

Delta R.T. -0.029 min

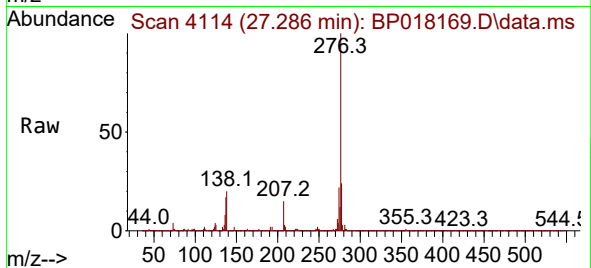
Lab File: BP018169.D

Acq: 14 Nov 2023 22:55

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 1095831

Ion Ratio Lower Upper

276 100

138 19.8 13.8 20.6

277 23.8 20.2 30.2

