

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
 Data File : BP018157.D
 Acq On : 14 Nov 2023 16:09
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 15 00:38:31 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	93877	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	394496	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	263490	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	603064	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	550285	20.000	ng/u1	-0.01
88) Perylene-d12	23.851	264	559016	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	20013	7.520	ng/uL	0.00
4) Pyridine-d5	3.593	84	104988	15.131	ng/u1	-0.01
7) Phenol-d5	6.952	99	166819	18.406	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	109462	20.552	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	132084	18.404	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	135751	18.279	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	65087	18.313	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	75499	18.750	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	133764	18.639	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	185819	18.881	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	457758	18.829	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	506936	19.144	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	51788	14.255	ng/u1	-0.01
60) Fluorene-d10	15.469	176	394442	19.651	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	67896	15.574	ng/u1	-0.04
73) Anthracene-d10	17.351	188	623762	19.124	ng/u1	0.00
81) Pyrene-d10	19.604	212	726255	19.758	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.686	264	640145	19.694	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	22107	7.613	ng/uL	98
5) Pyridine	3.611	79	109298	15.262	ng/u1	94
6) Benzaldehyde	6.958	77	110789	22.698	ng/u1	98
8) Phenol	6.981	94	166566	18.630	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.234	93	138052	19.903	ng/u1	96
12) 2-Chlorophenol	7.340	128	133924	18.585	ng/u1	99
13) 2-Methylphenol	8.240	108	125862	18.631	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	106700	13.472	ng/u1	96
16) Acetophenone	8.646	105	219632	18.605	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.611	70	118258	18.348	ng/u1	98
18) 4-Methylphenol	8.575	108	139570	18.945	ng/u1	99
19) Hexachloroethane	8.834	117	63762	18.494	ng/u1	91
22) Nitrobenzene	9.040	77	175023	18.237	ng/u1	94
23) Isophorone	9.540	82	329203	18.799	ng/u1	99
25) 2-Nitrophenol	9.740	139	79473	19.207	ng/u1	96
26) 2,4-Dimethylphenol	9.781	107	161841	18.387	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.034	93	196558	20.583	ng/u1	99
29) 2,4-Dichlorophenol	10.258	162	130198	18.999	ng/u1	99
30) Naphthalene	10.657	128	462062	19.260	ng/u1	100
32) 4-Chloroaniline	10.810	127	178744	18.961	ng/u1	100
33) Hexachlorobutadiene	10.869	225	89808	17.851	ng/u1	94
34) Caprolactam	11.640	113	37418	16.436	ng/u1	93
35) 4-Chloro-3-methylphenol	11.922	107	145910	17.697	ng/u1	89
36) 2-Methylnaphthalene	12.275	142	315641	19.164	ng/u1	100

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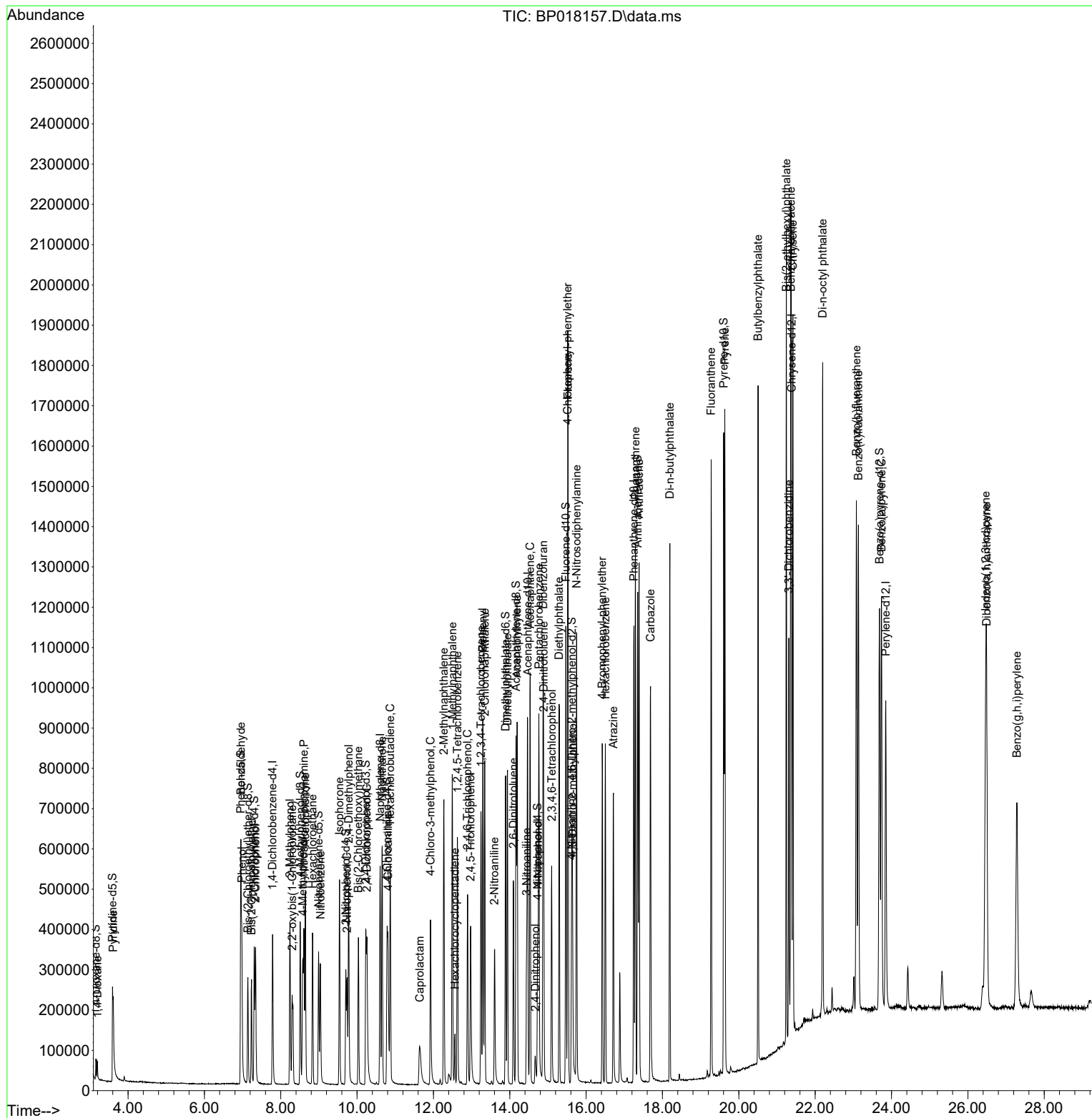
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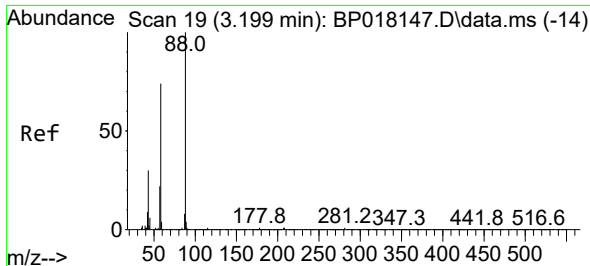
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	315072	18.615	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.628	216	160067	17.983	ng/ul	97
40) Hexachlorocyclopentadiene	12.563	237	25872	6.022	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	101677	17.413	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	104097	16.939	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	438568	19.574	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	346412	19.474	ng/ul	95
45) 2-Nitroaniline	13.599	65	104331	18.175	ng/ul	97
47) Dimethylphthalate	13.940	163	458034	19.206	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	88577	18.686	ng/ul	97
50) Acenaphthylene	14.193	152	570611	19.087	ng/ul	100
51) 3-Nitroaniline	14.440	138	84752	19.268	ng/ul	94
52) Acenaphthene	14.534	153	383948	19.368	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	15976	6.178	ng/ul	97
55) 4-Nitrophenol	14.740	109	74122	15.371	ng/ul	91
56) Dibenzofuran	14.875	168	536968	19.766	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	133047	18.786	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.098	232	87263	15.962	ng/ul	96
59) Diethylphthalate	15.293	149	490729	19.696	ng/ul	99
61) Fluorene	15.528	166	446799	19.372	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	214869	19.011	ng/ul	97
63) 4-Nitroaniline	15.616	138	81145	19.550	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.645	198	71212	15.741	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	377284	19.507	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	119801	17.626	ng/ul	92
69) Hexachlorobenzene	16.504	284	127893	16.863	ng/ul	94
70) Atrazine	16.716	200	127246	18.861	ng/ul	97
72) Phenanthrene	17.292	178	723484	19.539	ng/ul	99
74) Anthracene	17.387	178	736184	19.482	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	166312	18.059	ng/uL	97
76) Pentachlorobenzene	14.763	250	155595	17.259	ng/uL	98
77) Carbazole	17.687	167	652255	19.877	ng/ul	98
78) Di-n-butylphthalate	18.192	149	879031	21.113	ng/ul	99
80) Fluoranthene	19.275	202	847258	19.737	ng/ul#	95
82) Pyrene	19.633	202	898331	19.971	ng/ul#	94
83) Butylbenzylphthalate	20.504	149	405094	21.414	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.310	252	253487	19.281	ng/ul#	97
85) Benzo(a)anthracene	21.363	228	871616	19.616	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	592092	22.702	ng/ul	99
87) Chrysene	21.416	228	798245	19.202	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1040607	24.891	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	790282	19.864	ng/ul#	97
91) Benzo(k)fluoranthene	23.133	252	807278	20.169	ng/ul#	97
93) Benzo(a)pyrene	23.739	252	745353	19.839	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.468	276	821353	18.228	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.492	278	679926	18.326	ng/ul#	95
96) Benzo(g,h,i)perylene	27.286	276	664193	18.429	ng/ul#	91

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

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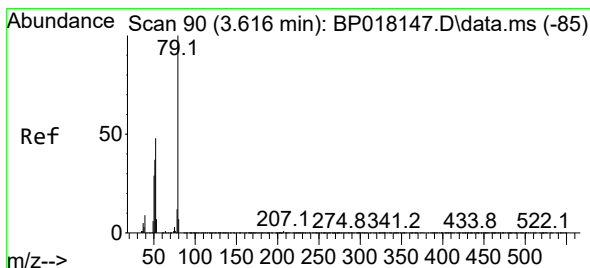
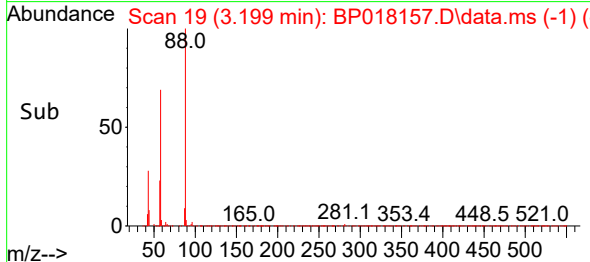
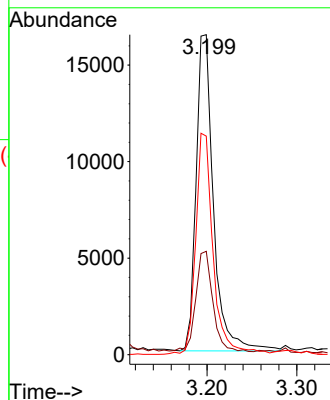
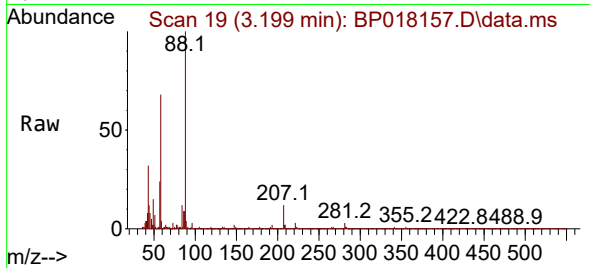




#2
1,4-Dioxane
Concen: 7.613 ng/uL
RT: 3.199 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

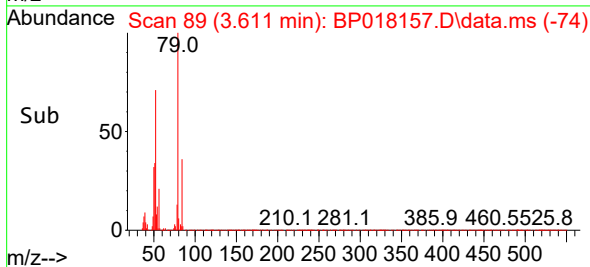
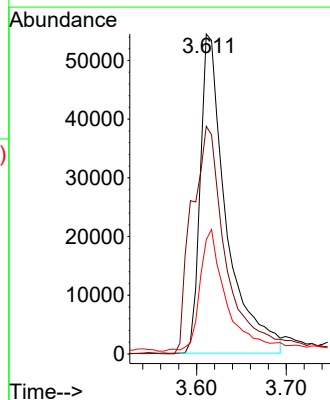
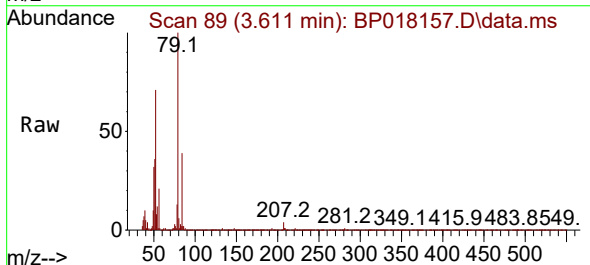
Instrument :
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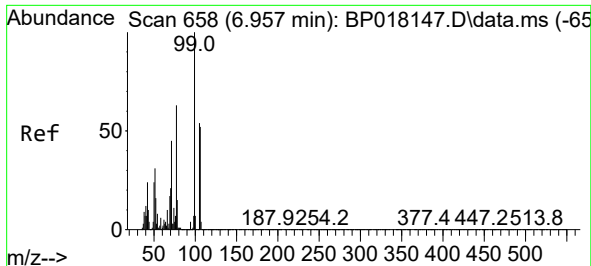
Tgt Ion: 88 Resp: 22107
Ion Ratio Lower Upper
88 100
43 32.3 25.4 38.2
58 68.3 53.3 79.9



#5
Pyridine
Concen: 15.262 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. -0.012 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion: 79 Resp: 109298
Ion Ratio Lower Upper
79 100
52 71.2 53.9 80.9
51 35.7 32.2 48.2

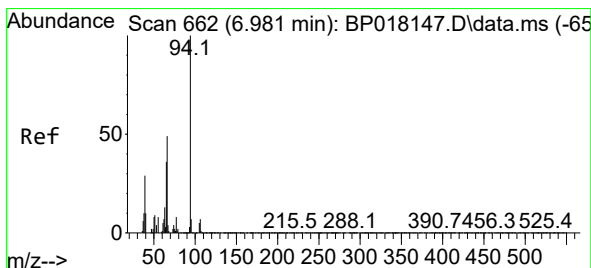
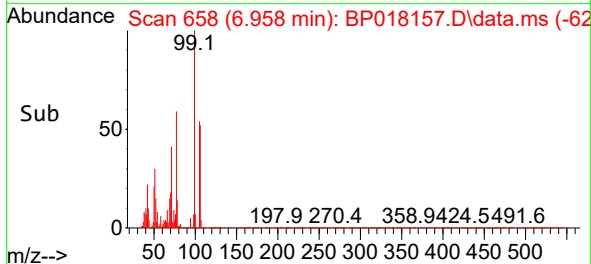
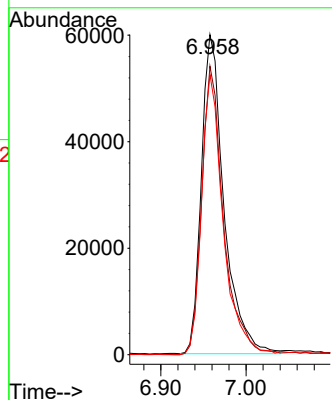
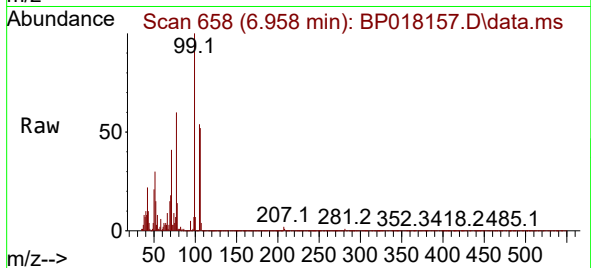




#6
Benzaldehyde
Concen: 22.698 ng/ul
RT: 6.958 min Scan# 610
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

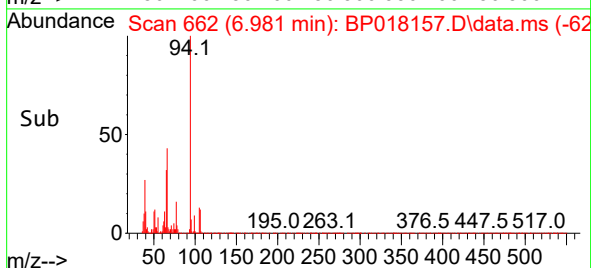
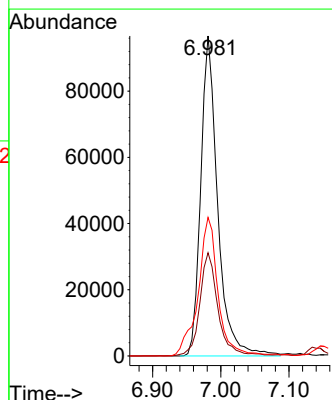
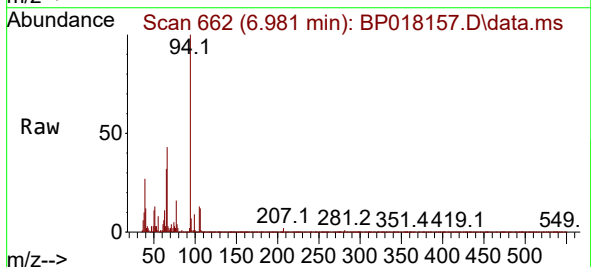
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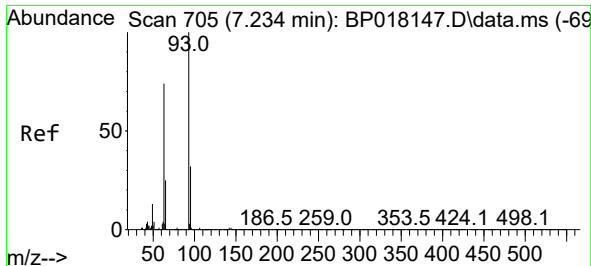
Tgt Ion: 77 Resp: 110789
Ion Ratio Lower Upper
77 100
105 90.2 72.7 109.1
106 87.5 67.5 101.3



#8
Phenol
Concen: 18.630 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion: 94 Resp: 166566
Ion Ratio Lower Upper
94 100
65 32.3 28.2 42.2
66 43.3 40.3 60.5

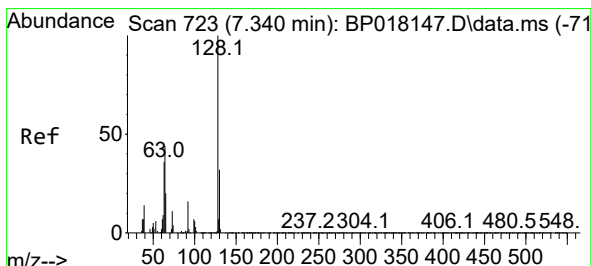
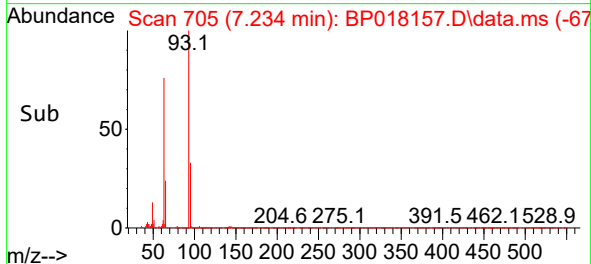
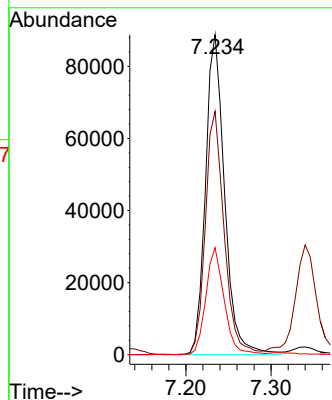
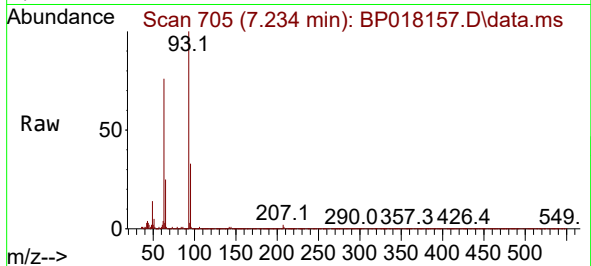




#10
Bis(2-Chloroethyl)ether
Concen: 19.903 ng/ul
RT: 7.234 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

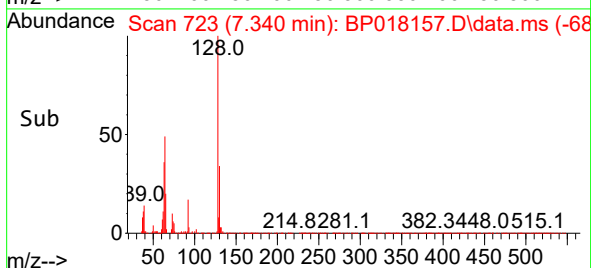
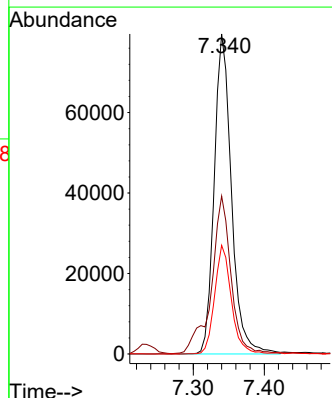
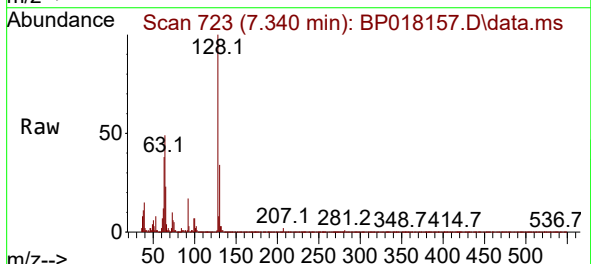
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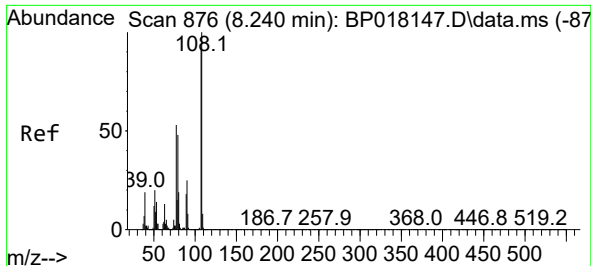
Tgt Ion: 93 Resp: 138052
Ion Ratio Lower Upper
93 100
63 76.1 57.8 86.6
95 33.4 25.5 38.3



#12
2-Chlorophenol
Concen: 18.585 ng/ul
RT: 7.340 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:128 Resp: 133924
Ion Ratio Lower Upper
128 100
64 49.3 39.2 58.8
130 33.9 26.6 40.0





#13

2-Methylphenol

Concen: 18.631 ng/ul

RT: 8.240 min Scan# 876

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

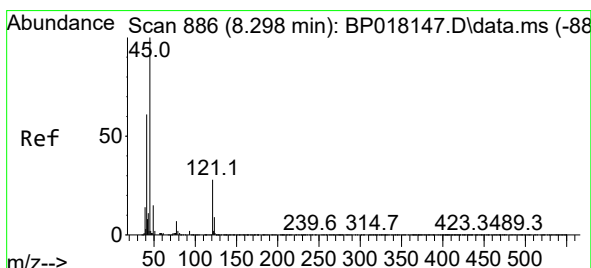
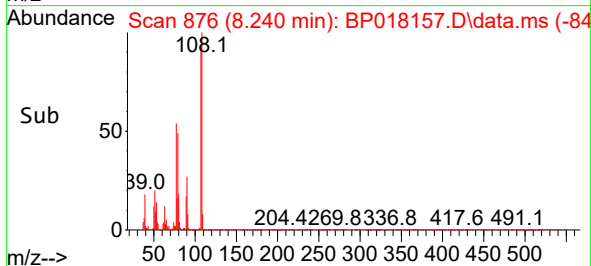
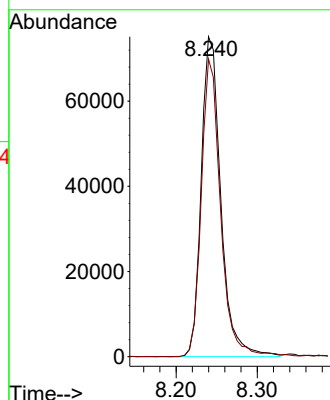
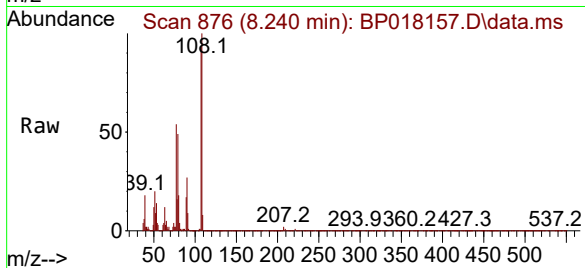
ClientSampleId :

Tgt Ion:108 Resp: 125862

Ion Ratio Lower Upper

108 100

107 93.0 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.472 ng/ul

RT: 8.299 min Scan# 886

Delta R.T. 0.000 min

Lab File: BP018157.D

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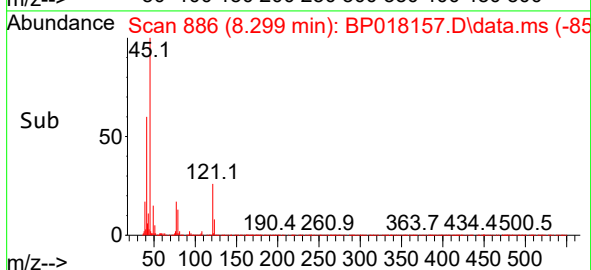
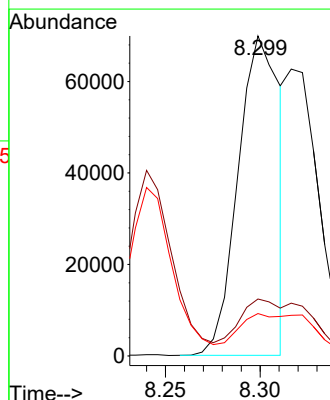
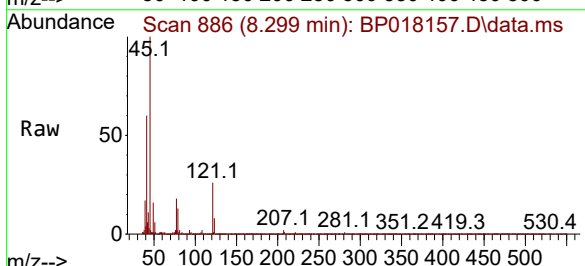
Tgt Ion: 45 Resp: 106700

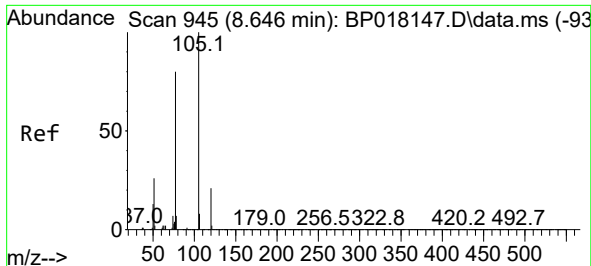
Ion Ratio Lower Upper

45 100

77 17.8 16.1 24.1

79 13.2 11.1 16.7

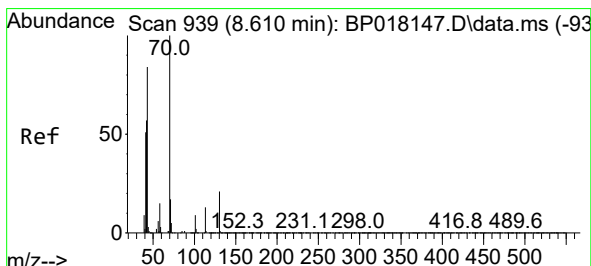
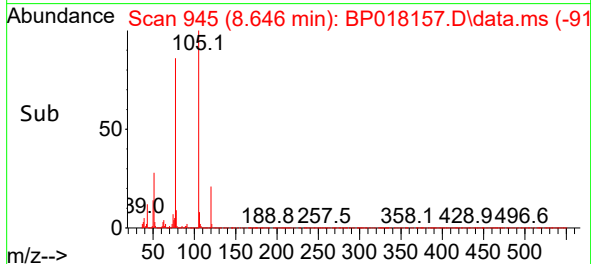
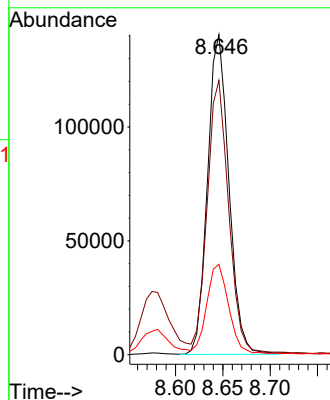
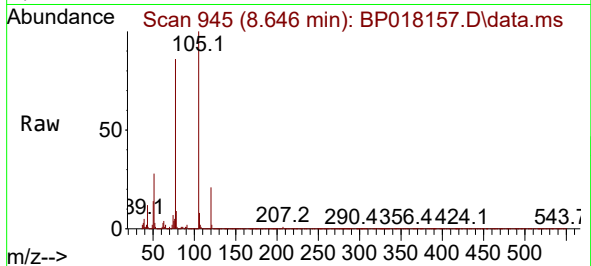




#16
Acetophenone
Concen: 18.605 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

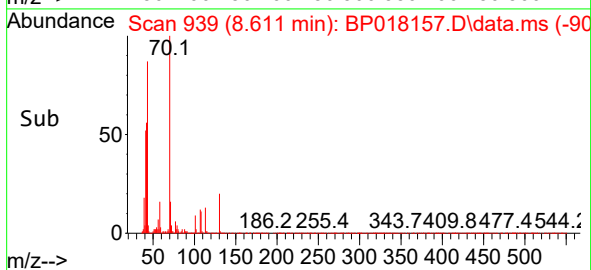
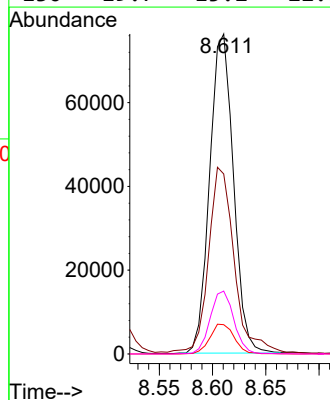
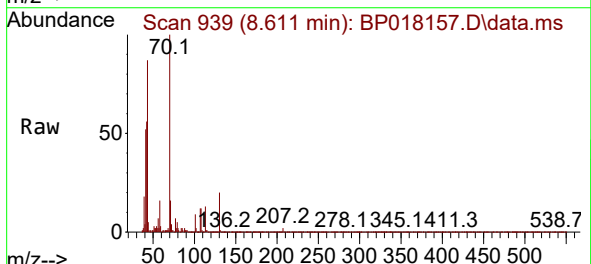
Instrument :
BNA_P
ClientSampleId :

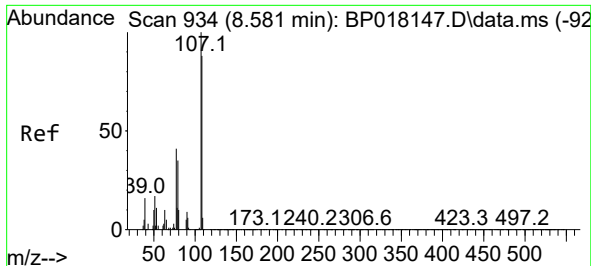
Tgt Ion:105 Resp: 219632
Ion Ratio Lower Upper
105 100
77 85.7 70.1 105.1
51 28.2 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 18.348 ng/ul
RT: 8.611 min Scan# 939
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion: 70 Resp: 118258
Ion Ratio Lower Upper
70 100
42 56.3 43.7 65.5
101 9.2 8.2 12.4
130 19.7 15.2 22.8

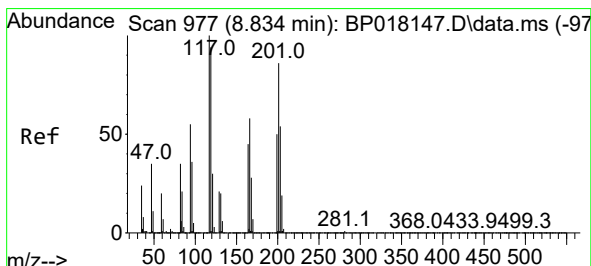
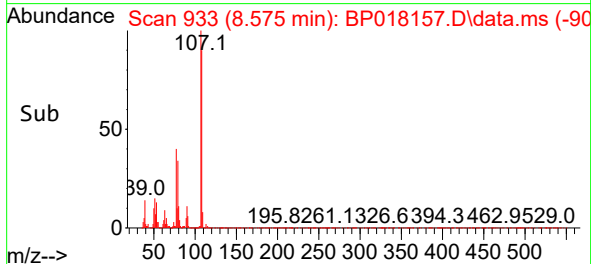
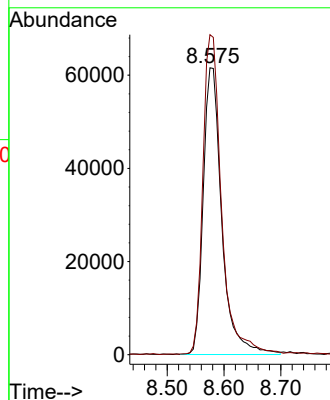
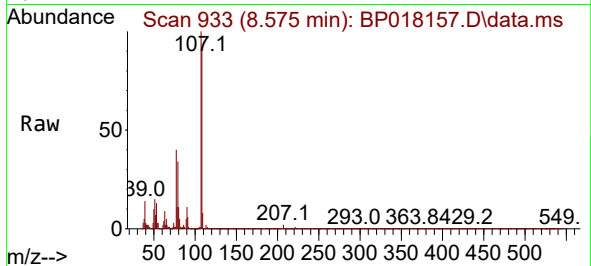




#18
4-Methylphenol
Concen: 18.945 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

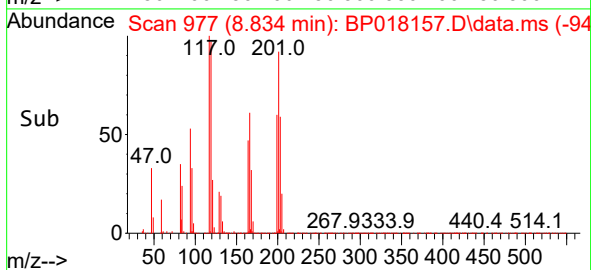
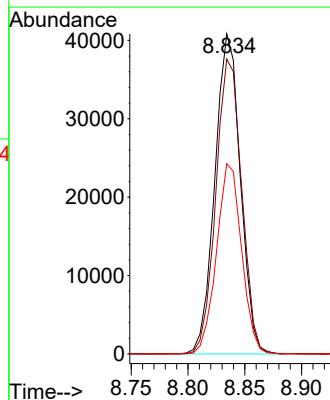
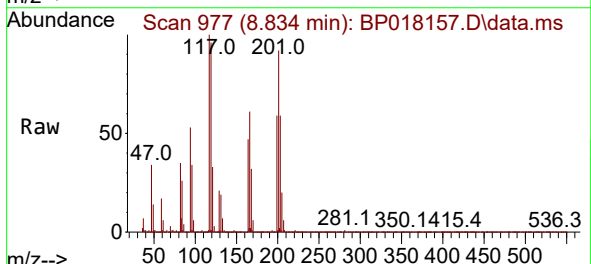
Instrument :
BNA_P
ClientSampleId :

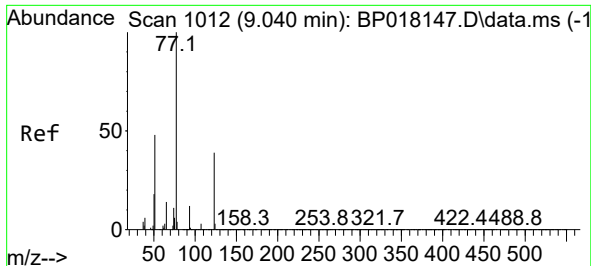
Tgt Ion:108 Resp: 139570
Ion Ratio Lower Upper
108 100
107 111.6 88.2 132.4



#19
Hexachloroethane
Concen: 18.494 ng/ul
RT: 8.834 min Scan# 977
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:117 Resp: 63762
Ion Ratio Lower Upper
117 100
201 92.1 84.8 127.2
199 59.5 49.0 73.4

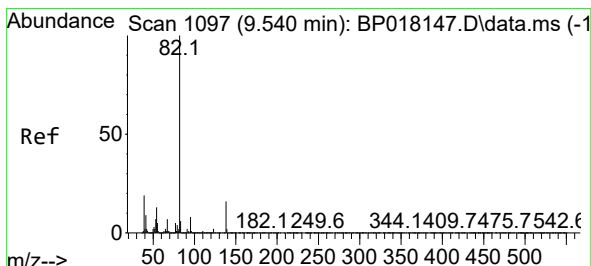
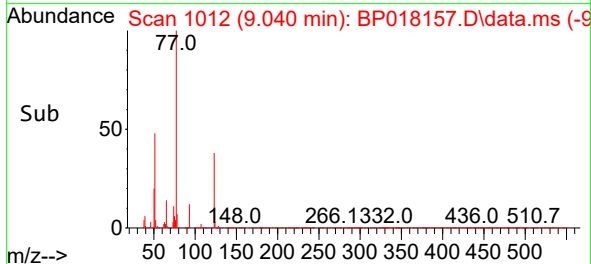
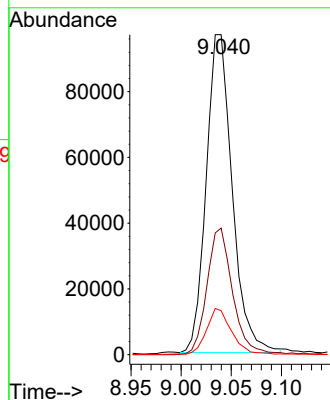
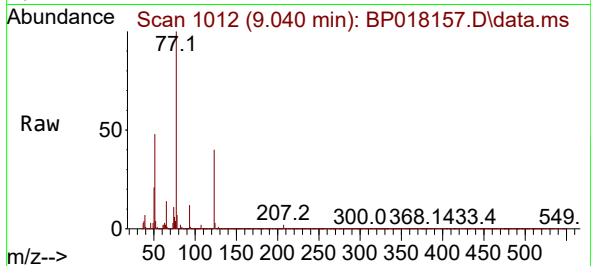




#22
Nitrobenzene
Concen: 18.237 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

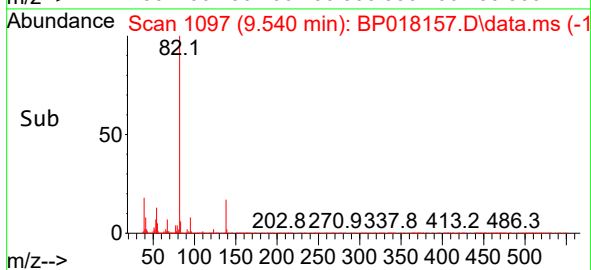
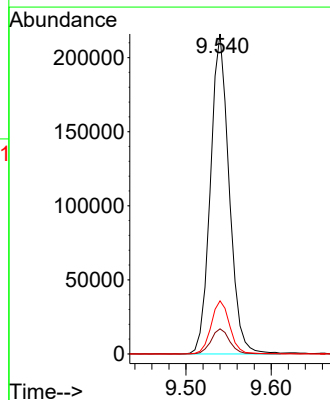
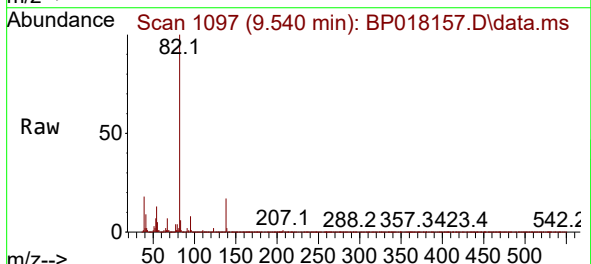
Instrument :
BNA_P
ClientSampleId :

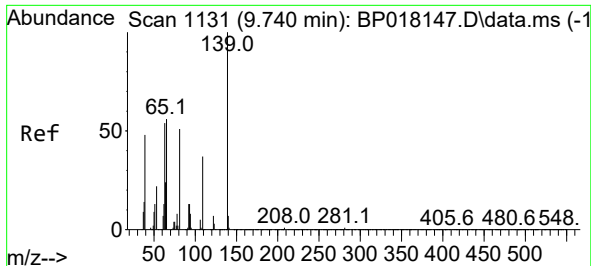
Tgt Ion: 77 Resp: 175023
Ion Ratio Lower Upper
77 100
123 39.6 27.8 41.8
65 13.8 11.5 17.3



#23
Isophorone
Concen: 18.799 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion: 82 Resp: 329203
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 16.6 13.1 19.7

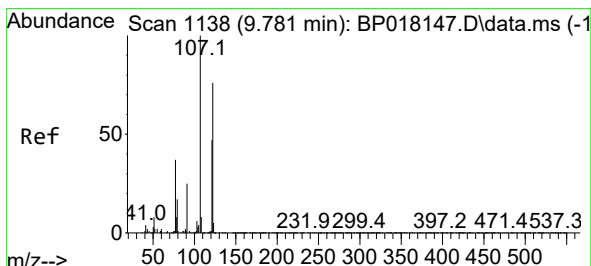
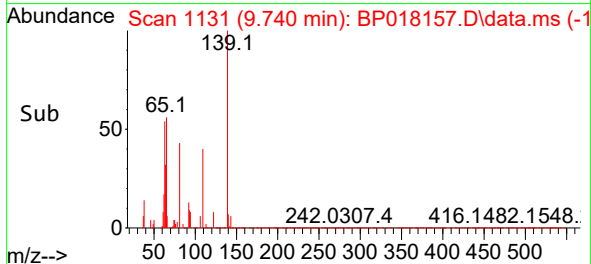
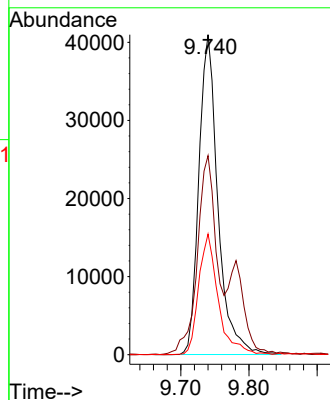
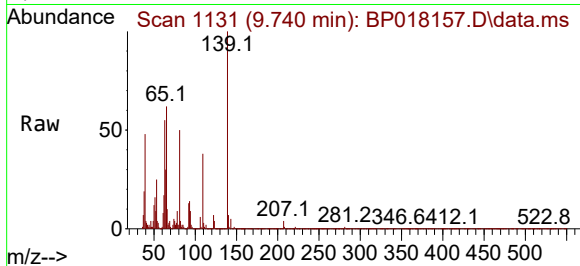




#25
2-Nitrophenol
Concen: 19.207 ng/ul
RT: 9.740 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

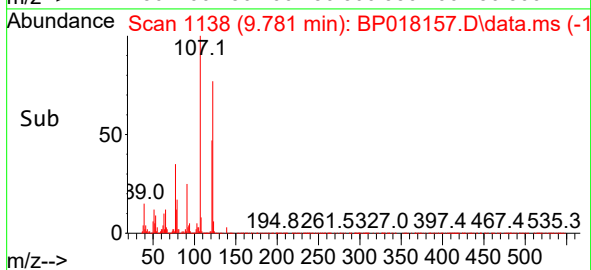
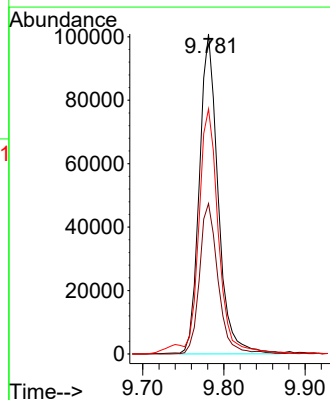
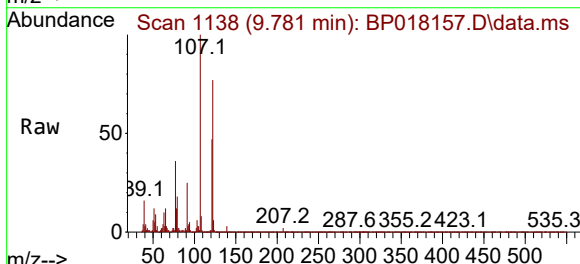
Instrument :
BNA_P
ClientSampleId :

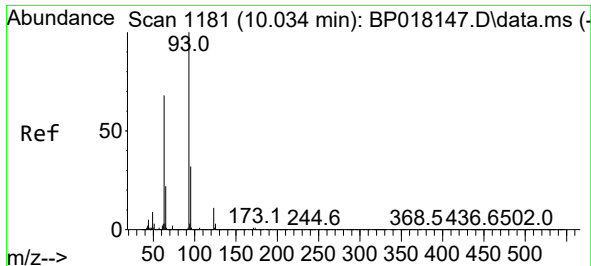
Tgt Ion	Ratio	Lower	Upper
139	100		
65	62.2	51.4	77.0
109	37.7	33.1	49.7



#26
2,4-Dimethylphenol
Concen: 18.387 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.0	37.8	56.8
122	76.5	62.1	93.1

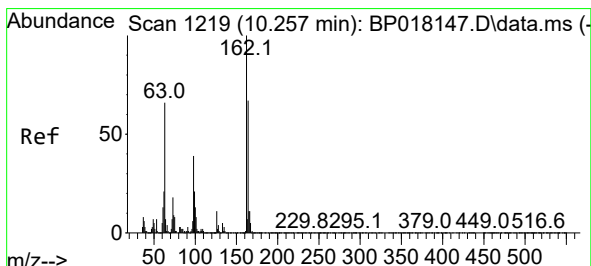
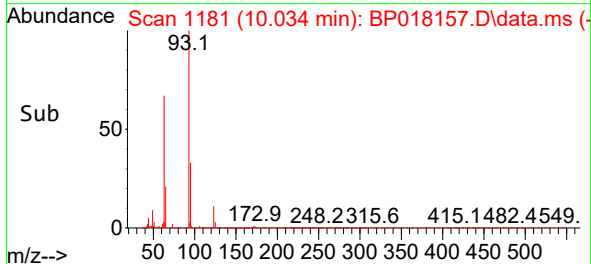
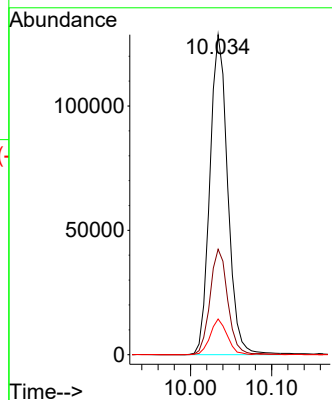
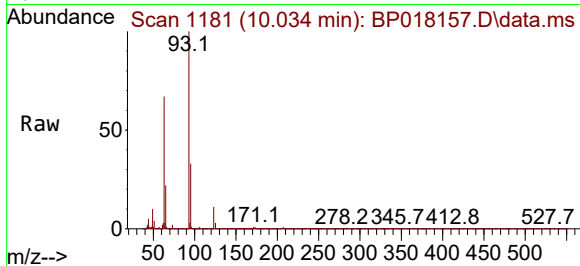




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.583 ng/ul
 RT: 10.034 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: BP018157.D
 Acq: 14 Nov 2023 16:09

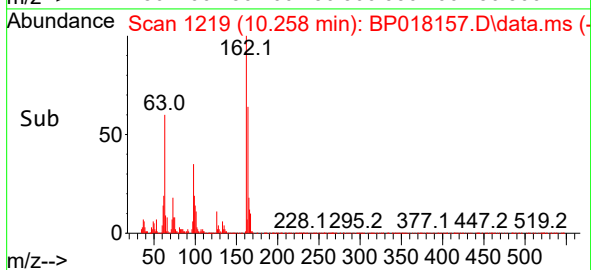
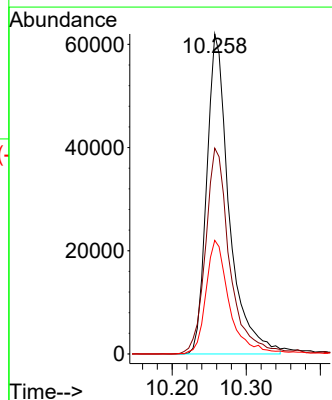
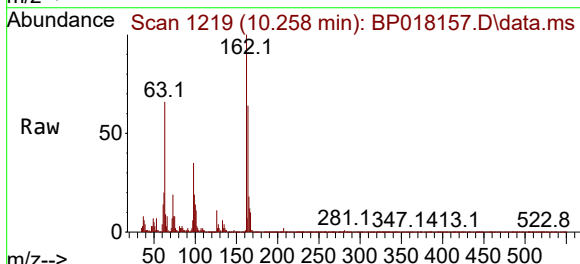
Instrument :
 BNA_P
 ClientSampleId :

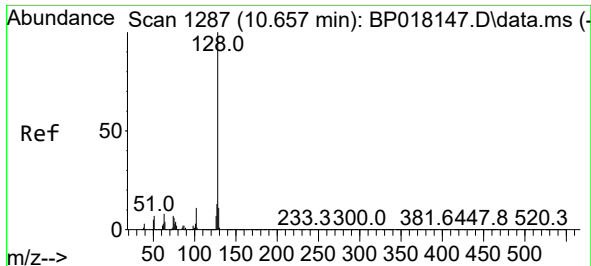
Tgt Ion: 93 Resp: 196558
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.2
 123 11.1 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 18.999 ng/ul
 RT: 10.258 min Scan# 1219
 Delta R.T. -0.006 min
 Lab File: BP018157.D
 Acq: 14 Nov 2023 16:09

Tgt Ion: 162 Resp: 130198
 Ion Ratio Lower Upper
 162 100
 164 64.3 51.8 77.6
 98 35.5 28.7 43.1

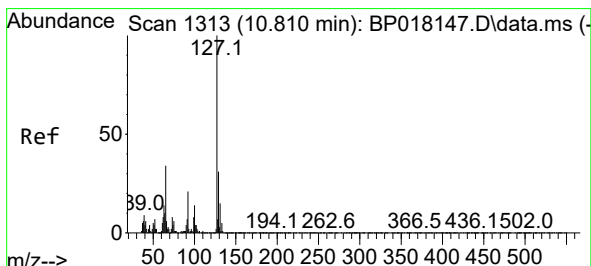
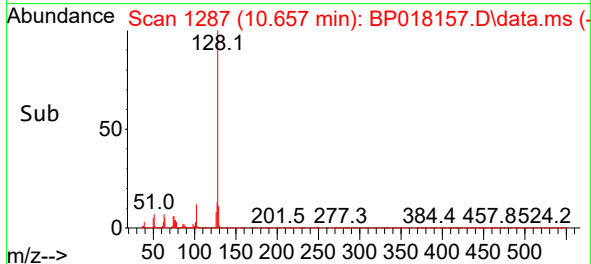
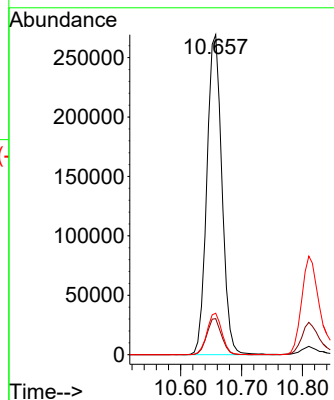
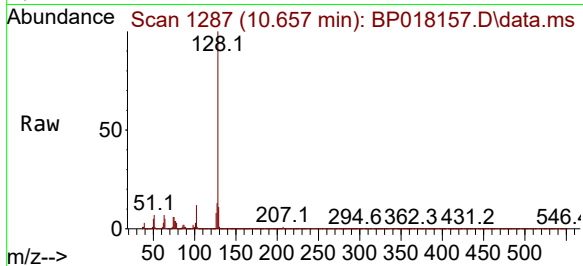




#30
Naphthalene
Concen: 19.260 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

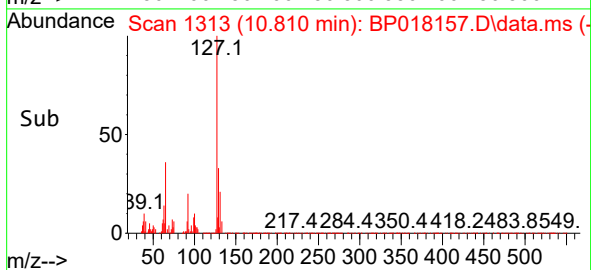
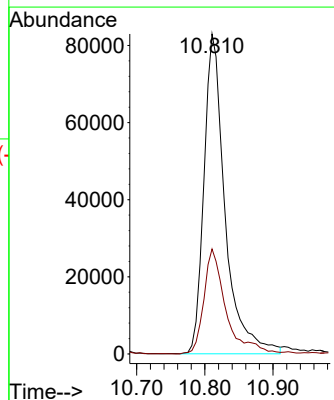
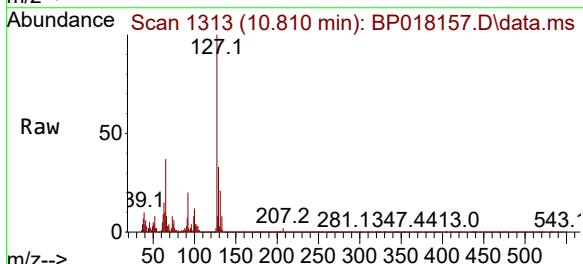
Instrument :
BNA_P
ClientSampleId :

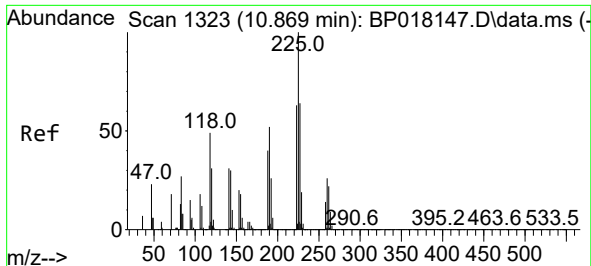
Tgt Ion:128 Resp: 462062
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.9 10.3 15.5



#32
4-Chloroaniline
Concen: 18.961 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:127 Resp: 178744
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1

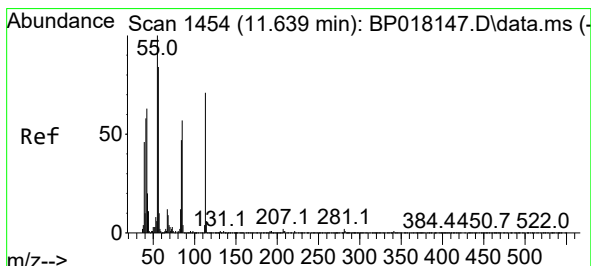
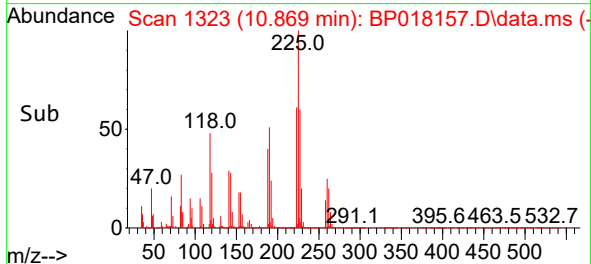
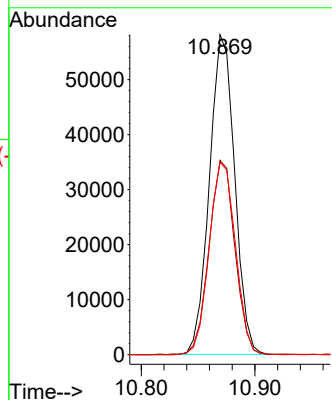
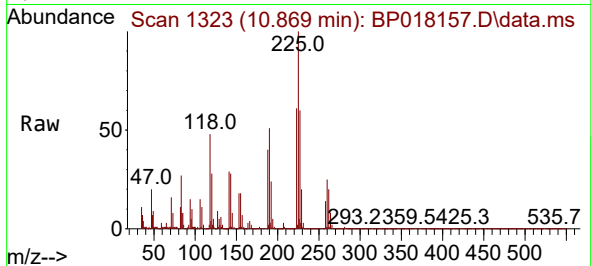




#33
Hexachlorobutadiene
Concen: 17.851 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

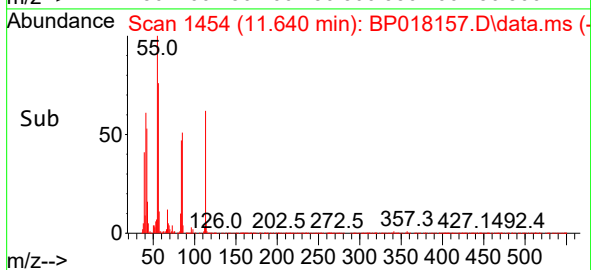
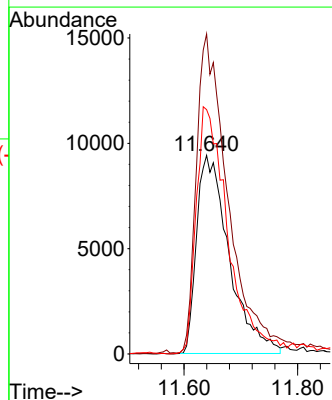
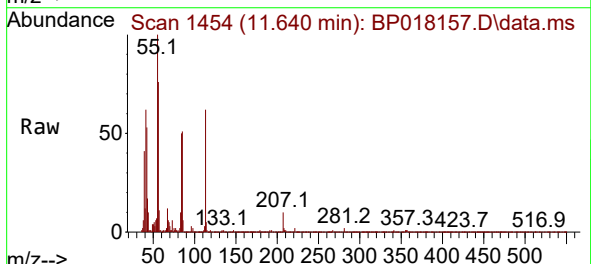
Instrument :
BNA_P
ClientSampleId :

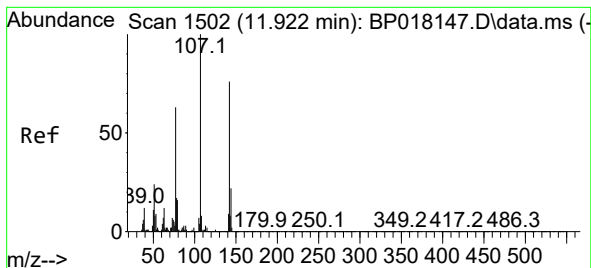
Tgt Ion:225 Resp: 89808
Ion Ratio Lower Upper
225 100
223 60.7 52.5 78.7
227 60.1 51.9 77.9



#34
Caprolactam
Concen: 16.436 ng/ul
RT: 11.640 min Scan# 1454
Delta R.T. -0.029 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:113 Resp: 37418
Ion Ratio Lower Upper
113 100
55 161.2 118.3 177.5
56 123.0 95.6 143.4

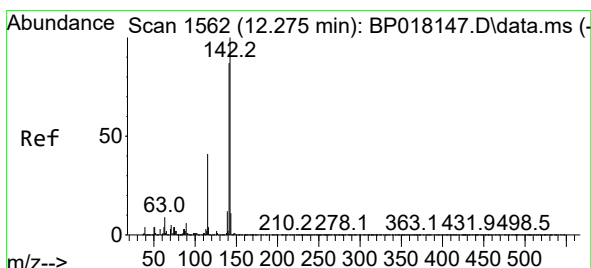
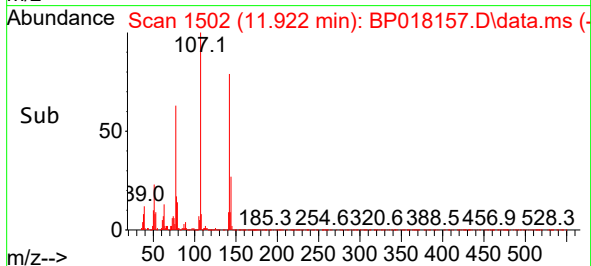
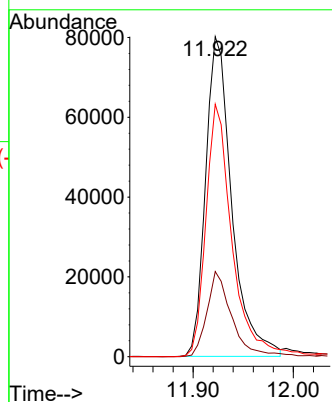
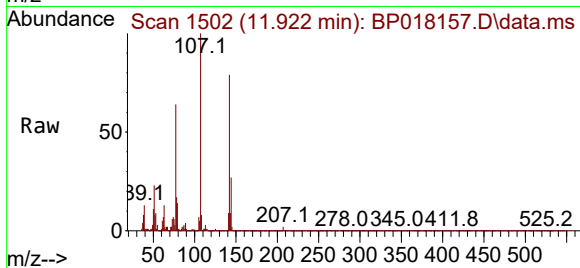




#35
4-Chloro-3-methylphenol
Concen: 17.697 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

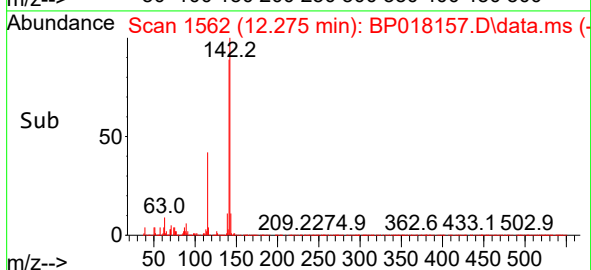
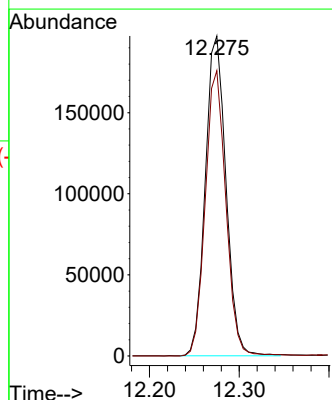
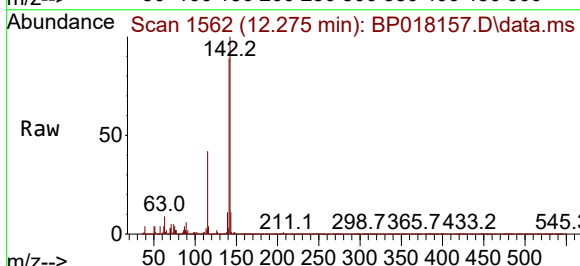
Instrument :
BNA_P
ClientSampleId :

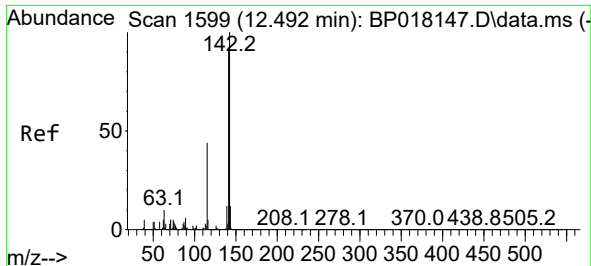
Tgt Ion:107 Resp: 145910
Ion Ratio Lower Upper
107 100
144 26.6 19.1 28.7
142 78.9 54.8 82.2



#36
2-Methylnaphthalene
Concen: 19.164 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:142 Resp: 315641
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5

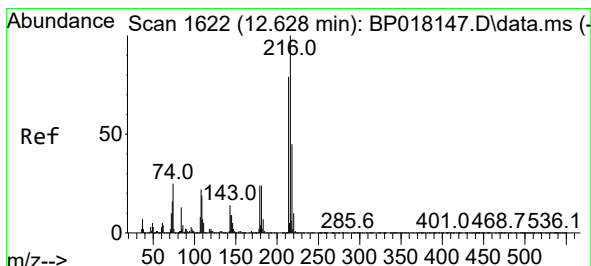
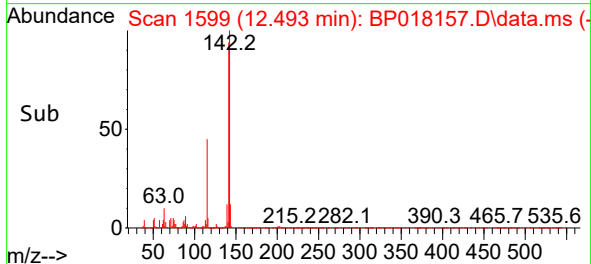
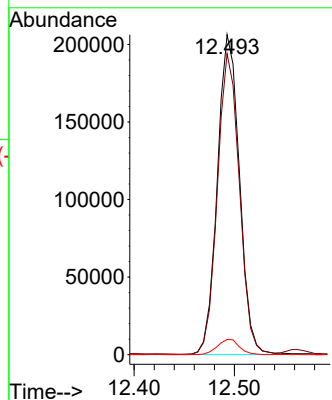
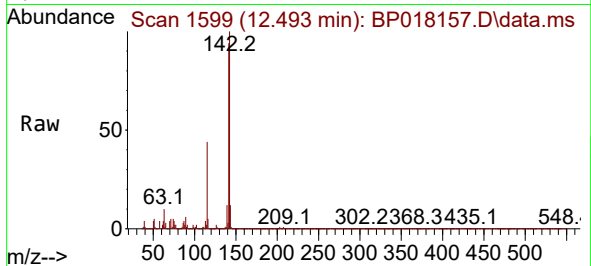




#37
1-Methylnaphthalene
Concen: 18.615 ng/ul
RT: 12.493 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

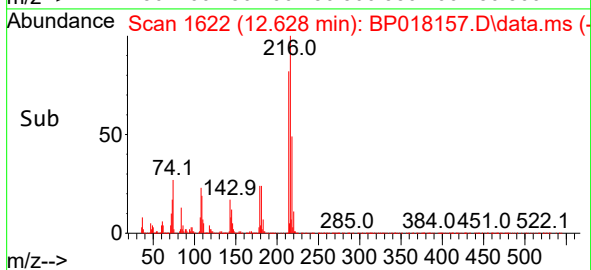
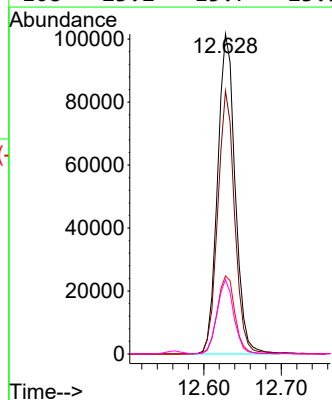
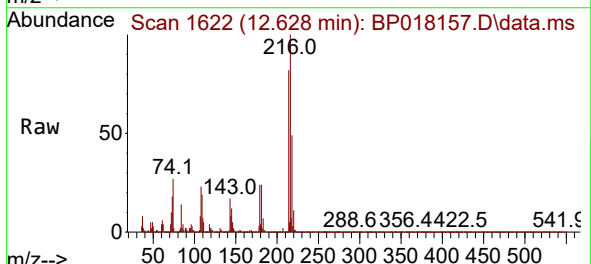
Instrument :
BNA_P
ClientSampleId :

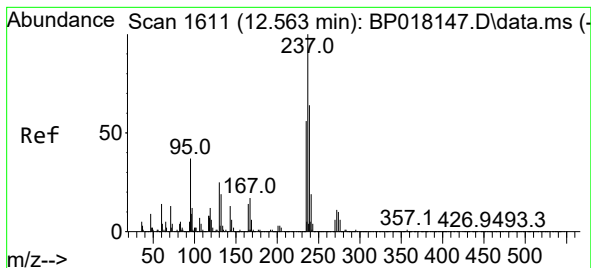
Tgt Ion:142 Resp: 315072
Ion Ratio Lower Upper
142 100
141 94.1 72.8 109.2
116 4.7 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.983 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:216 Resp: 160067
Ion Ratio Lower Upper
216 100
214 82.2 64.8 97.2
179 24.4 18.3 27.5
108 23.2 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 6.022 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018157.D

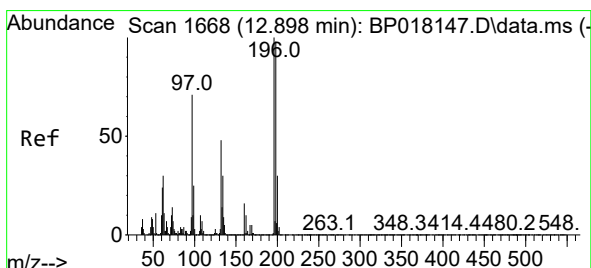
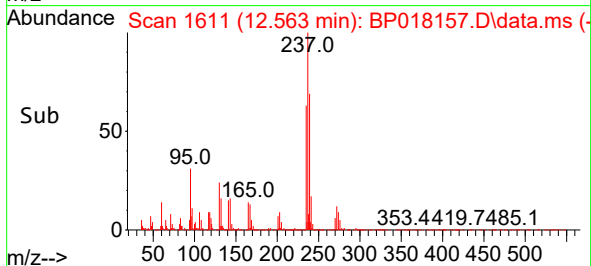
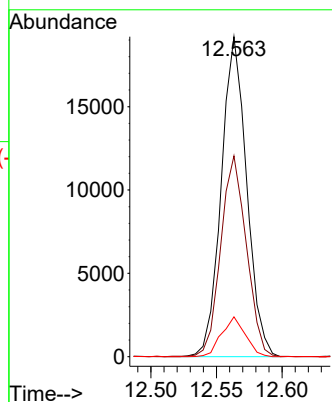
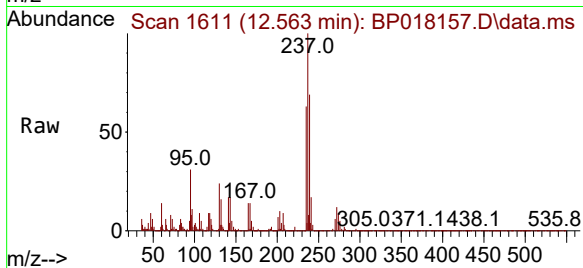
Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	237	Resp:	25872
Ion Ratio	Lower	Upper	
237	100		
235	62.7	49.9	74.9
272	12.9	8.9	13.3



#41

2,4,6-Trichlorophenol

Concen: 17.413 ng/ul

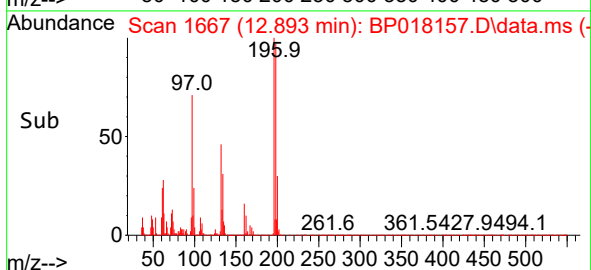
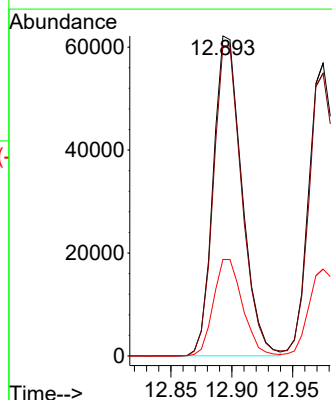
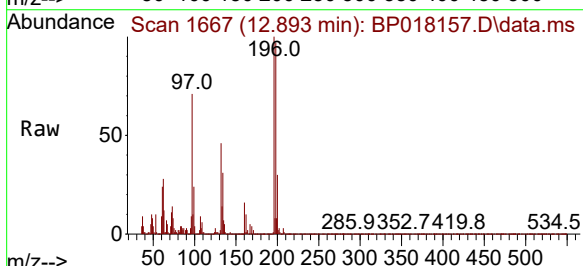
RT: 12.893 min Scan# 1667

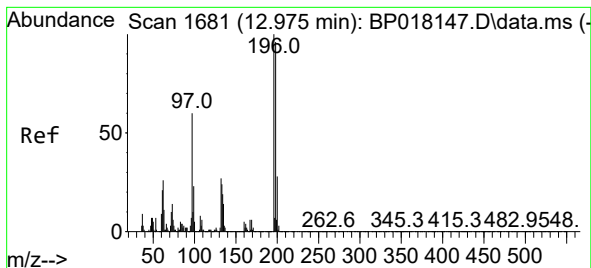
Delta R.T. -0.018 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Tgt Ion:	196	Resp:	101677
Ion Ratio	Lower	Upper	
196	100		
198	97.0	78.9	118.3
200	30.2	25.8	38.8





#42

2,4,5-Trichlorophenol

Concen: 16.939 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

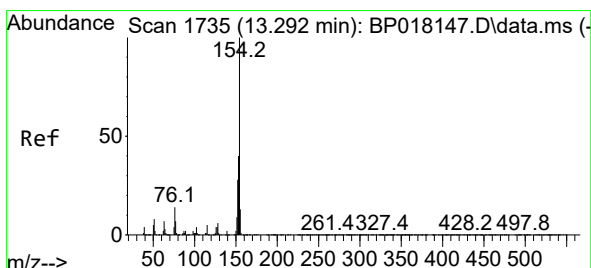
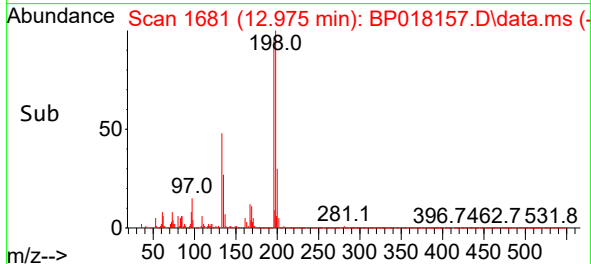
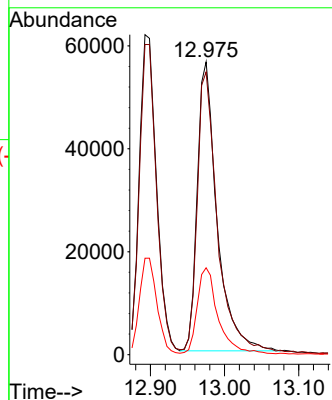
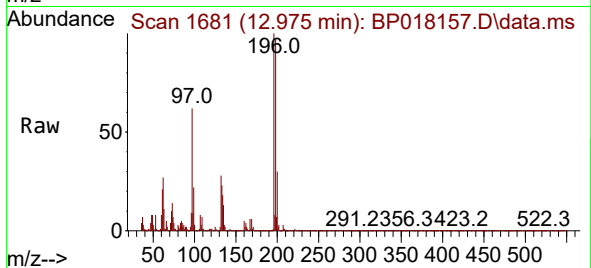
Tgt Ion:196 Resp: 104097

Ion Ratio Lower Upper

196 100

198 96.6 78.9 118.3

200 29.7 26.6 40.0



#43

1,1'-Biphenyl

Concen: 19.574 ng/ul

RT: 13.293 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

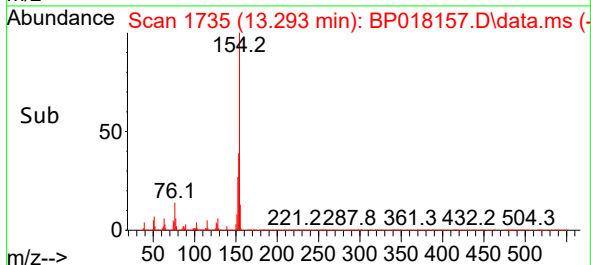
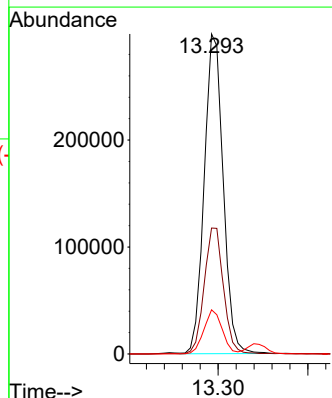
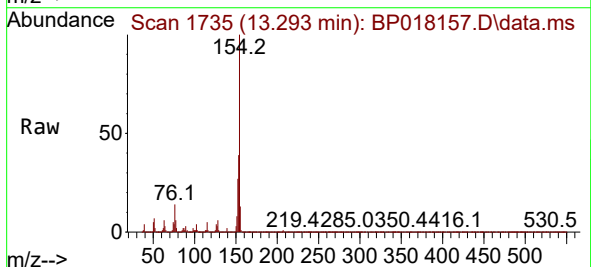
Tgt Ion:154 Resp: 438568

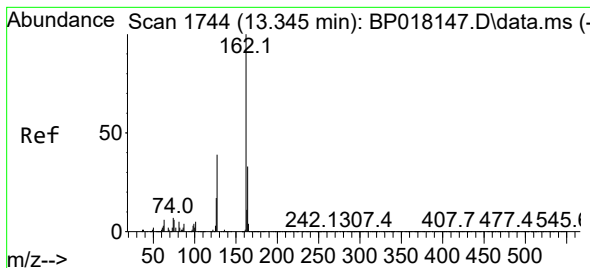
Ion Ratio Lower Upper

154 100

153 39.3 32.4 48.6

76 13.8 9.8 14.8





#44

2-Chloronaphthalene

Concen: 19.474 ng/ul

RT: 13.346 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

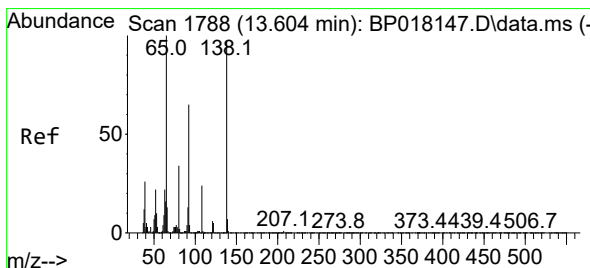
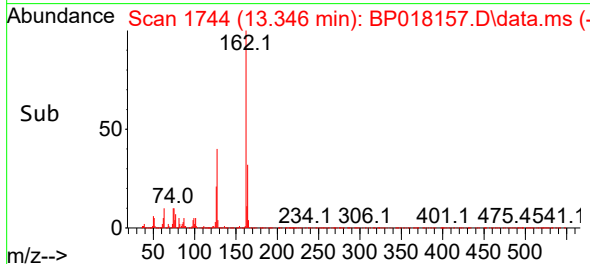
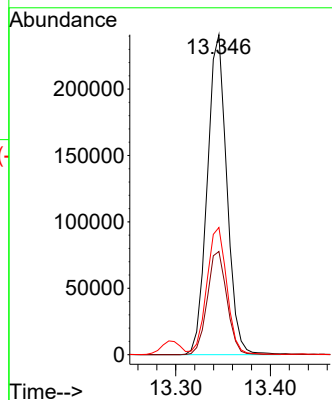
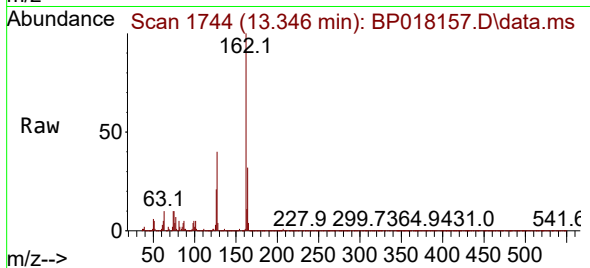
Tgt Ion:162 Resp: 346412

Ion Ratio Lower Upper

162 100

164 32.3 26.9 40.3

127 39.8 35.4 53.2



#45

2-Nitroaniline

Concen: 18.175 ng/ul

RT: 13.599 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

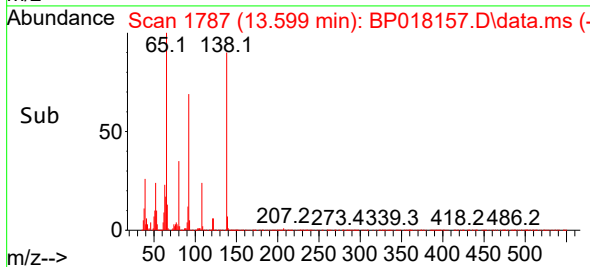
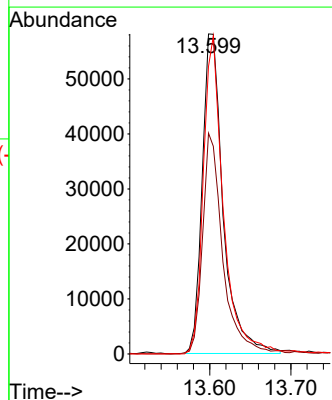
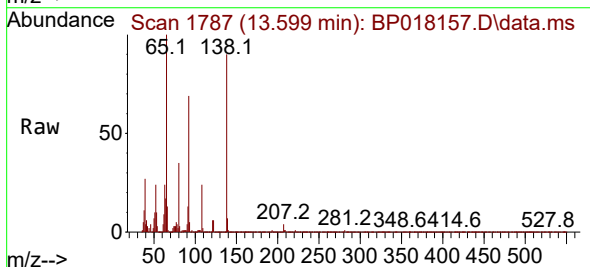
Tgt Ion: 65 Resp: 104331

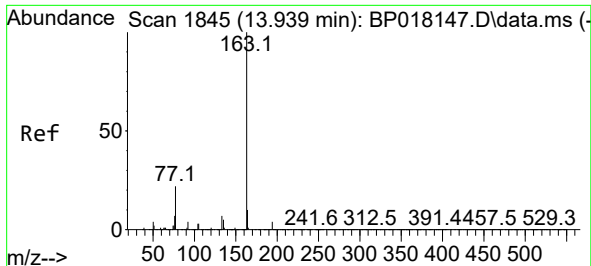
Ion Ratio Lower Upper

65 100

92 69.0 53.8 80.6

138 89.9 75.1 112.7

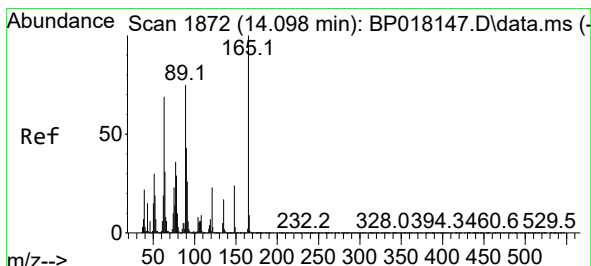
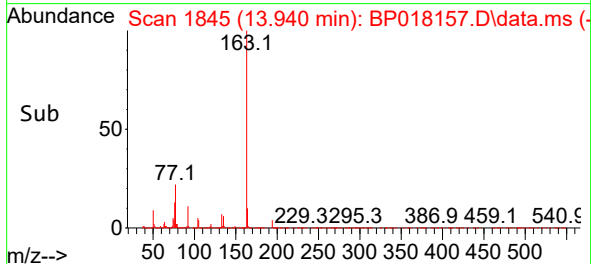
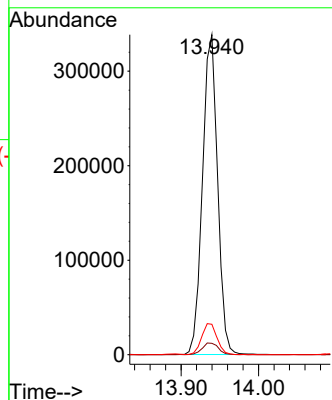
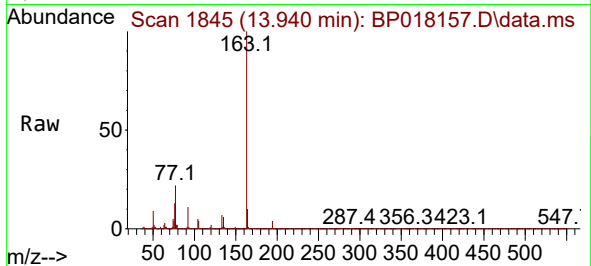




#47
Dimethylphthalate
Concen: 19.206 ng/ul
RT: 13.940 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

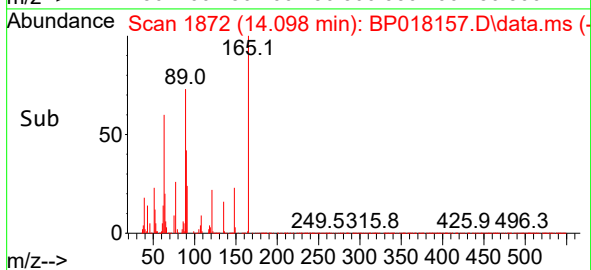
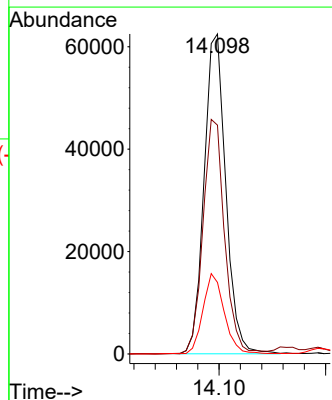
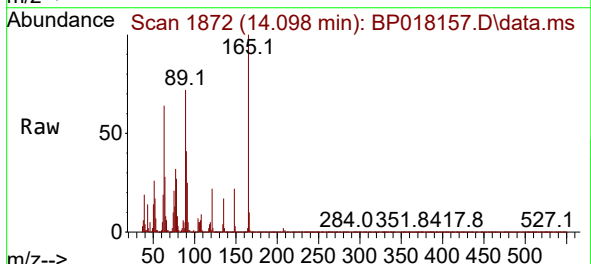
Instrument :
BNA_P
ClientSampleId :

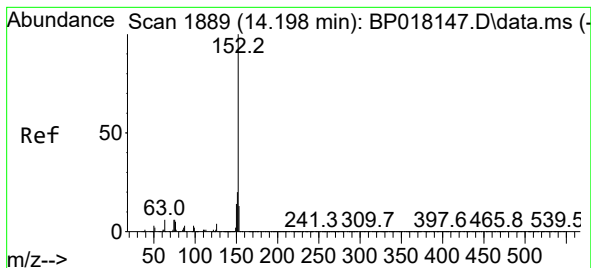
Tgt Ion:163 Resp: 458034
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 9.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 18.686 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:165 Resp: 88577
Ion Ratio Lower Upper
165 100
89 71.5 59.4 89.0
121 22.3 18.2 27.4





#50

Acenaphthylene

Concen: 19.087 ng/ul

RT: 14.193 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

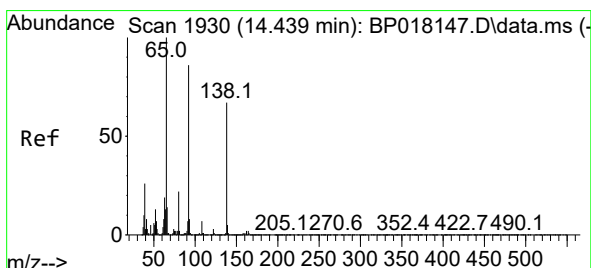
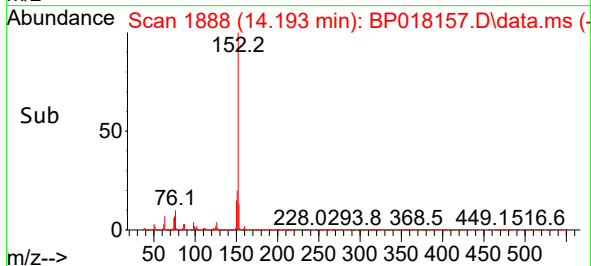
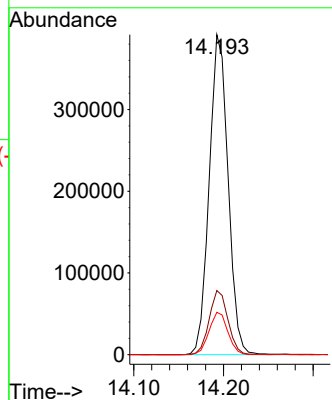
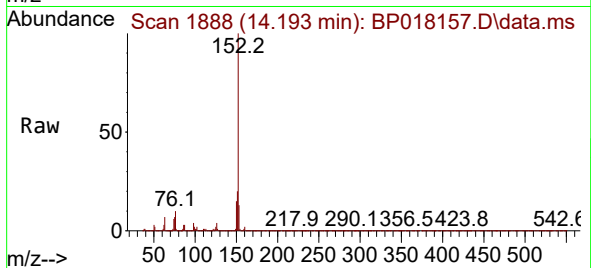
Tgt Ion:152 Resp: 570611

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.2 10.4 15.6



#51

3-Nitroaniline

Concen: 19.268 ng/ul

RT: 14.440 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

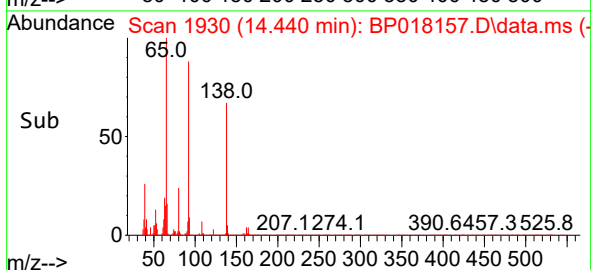
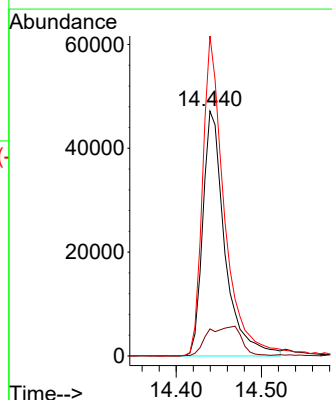
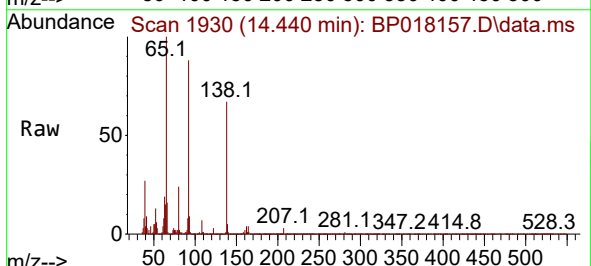
Tgt Ion:138 Resp: 84752

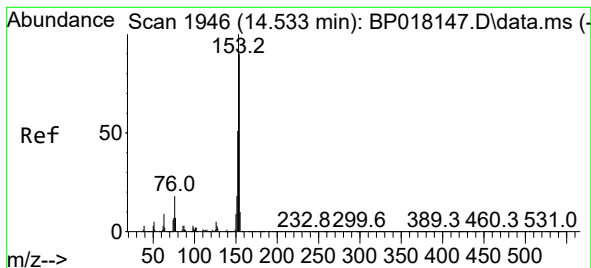
Ion Ratio Lower Upper

138 100

108 11.1 8.3 12.5

92 130.7 99.0 148.4





#52

Acenaphthene

Concen: 19.368 ng/ul

RT: 14.534 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

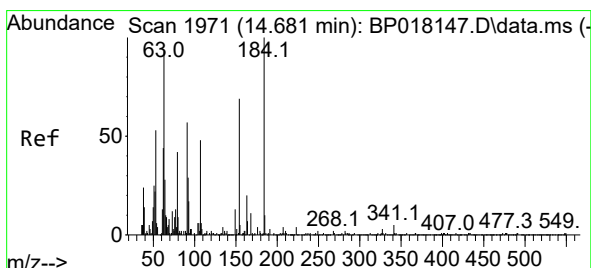
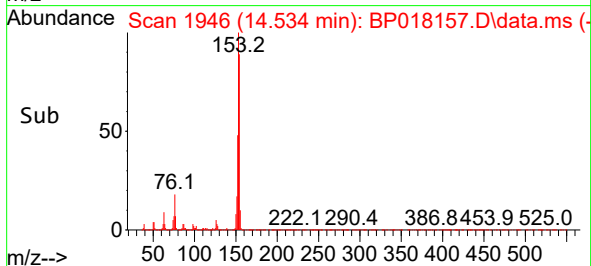
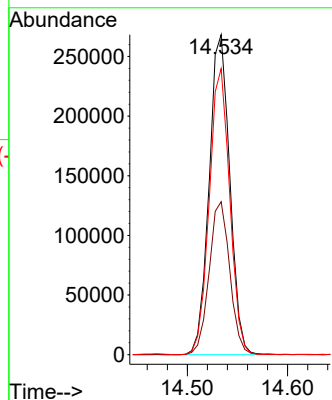
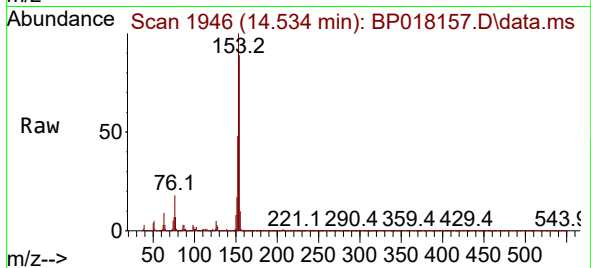
Tgt Ion:153 Resp: 383948

Ion Ratio Lower Upper

153 100

152 47.8 39.0 58.6

154 89.4 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 6.178 ng/ul

RT: 14.669 min Scan# 1969

Delta R.T. -0.065 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

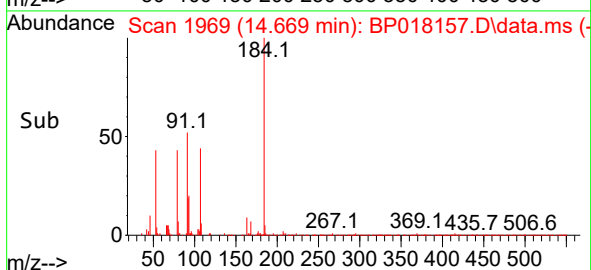
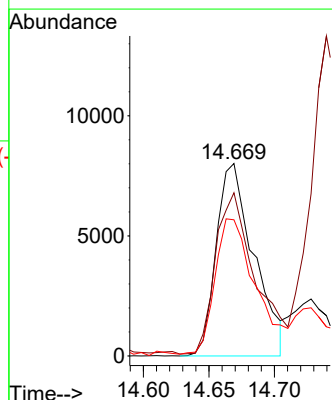
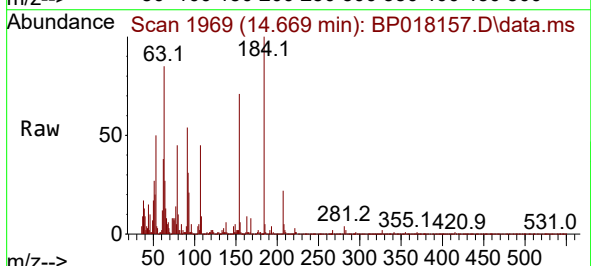
Tgt Ion:184 Resp: 15976

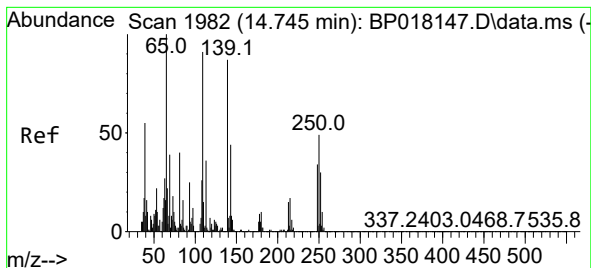
Ion Ratio Lower Upper

184 100

63 84.7 67.7 101.5

154 70.7 60.2 90.4

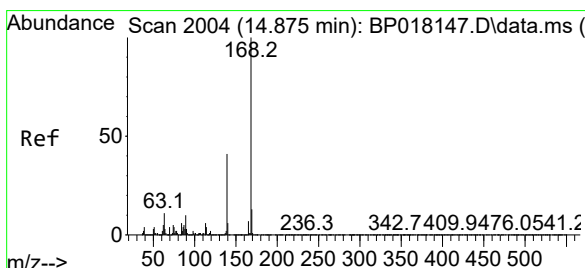
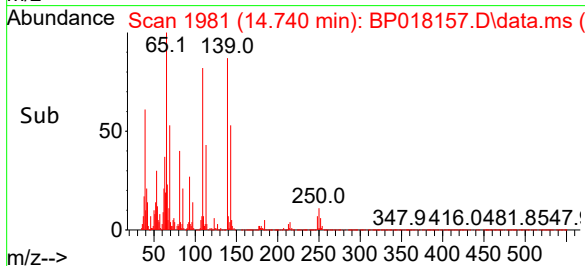
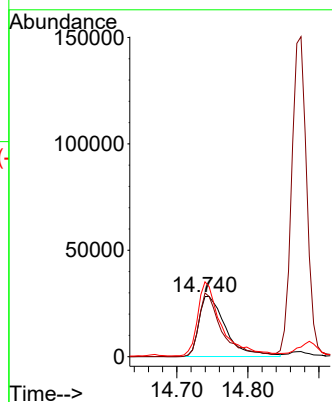
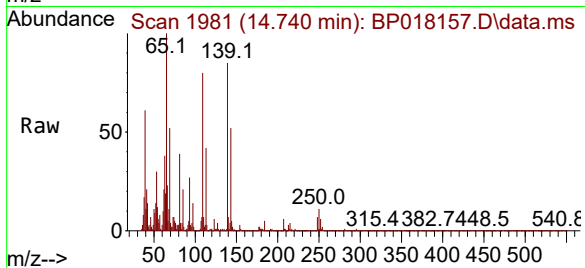




#55
4-Nitrophenol
Concen: 15.371 ng/ul
RT: 14.740 min Scan# 1982
Delta R.T. -0.018 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

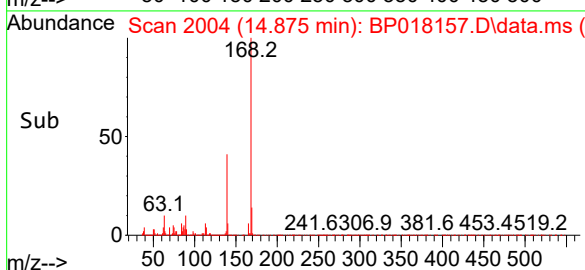
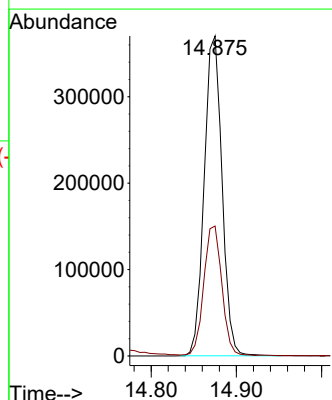
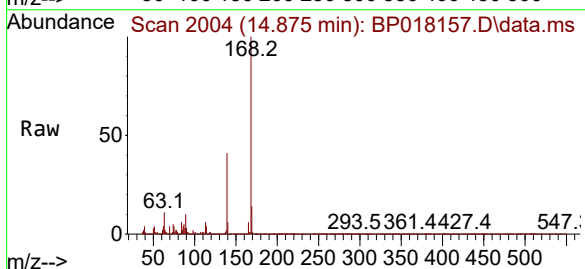
Instrument :
BNA_P
ClientSampleId :

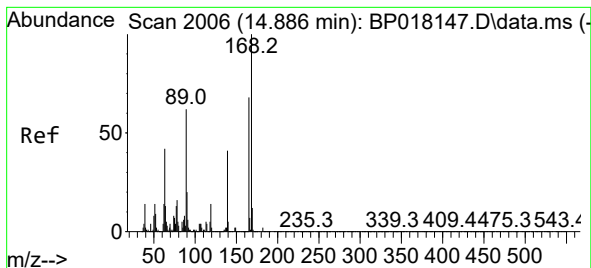
Tgt Ion:109 Resp: 74122
Ion Ratio Lower Upper
109 100
139 105.8 74.9 112.3
65 124.3 93.8 140.6



#56
Dibenzofuran
Concen: 19.766 ng/ul
RT: 14.875 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:168 Resp: 536968
Ion Ratio Lower Upper
168 100
139 40.6 34.0 51.0

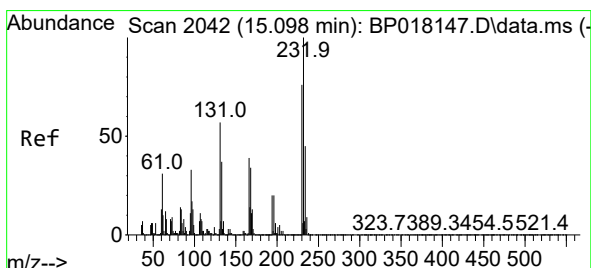
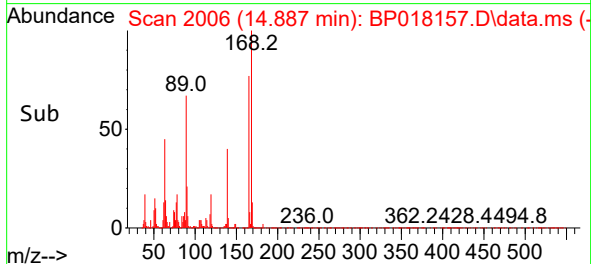
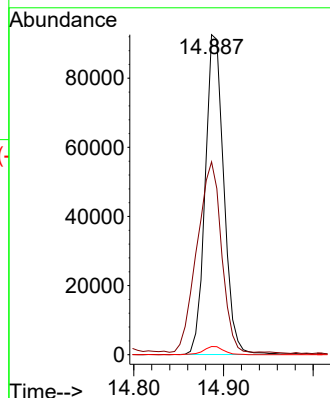
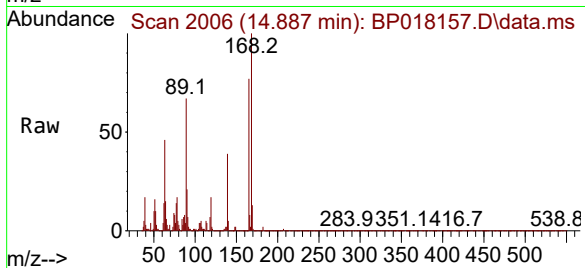




#57
2,4-Dinitrotoluene
Concen: 18.786 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

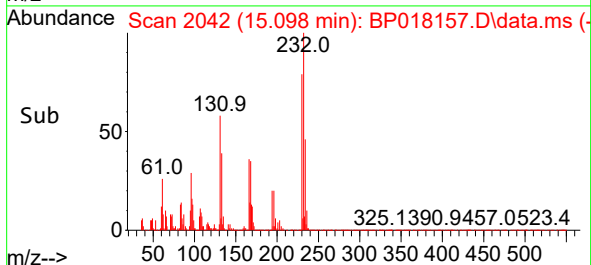
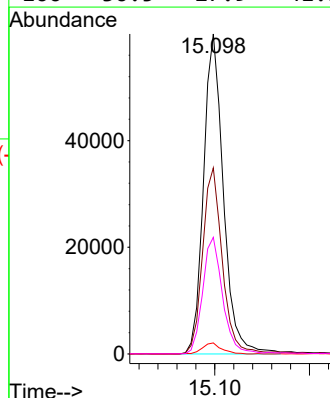
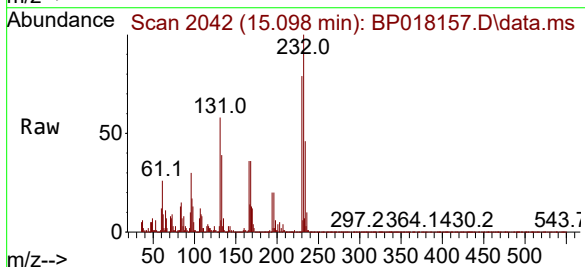
Instrument :
BNA_P
ClientSampleId :

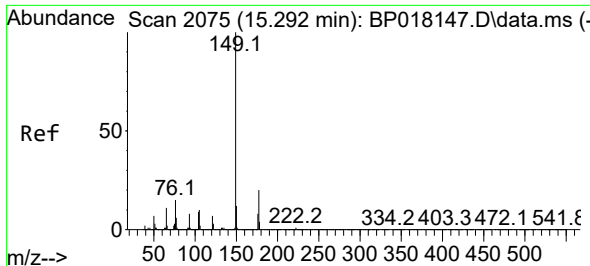
Tgt Ion:165 Resp: 133047
Ion Ratio Lower Upper
165 100
63 60.3 48.6 72.8
182 2.5 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 15.962 ng/ul
RT: 15.098 min Scan# 2042
Delta R.T. -0.047 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

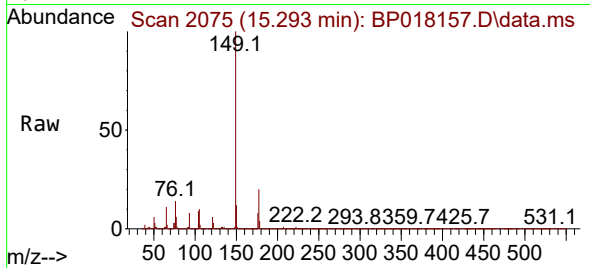
Tgt Ion:232 Resp: 87263
Ion Ratio Lower Upper
232 100
131 58.1 44.1 66.1
130 3.5 2.5 3.7
166 36.5 27.9 41.9



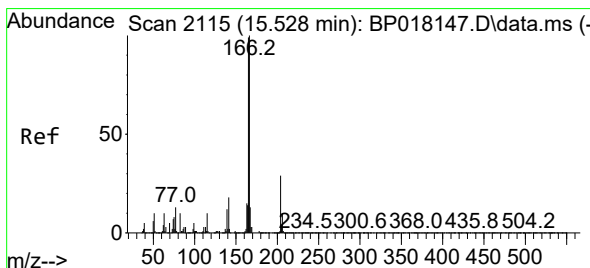
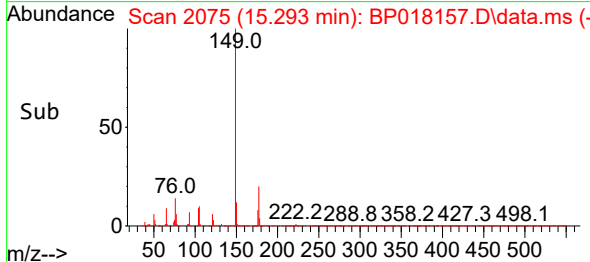
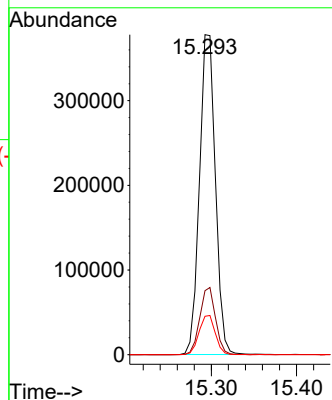


#59
Diethylphthalate
Concen: 19.696 ng/ul
RT: 15.293 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Instrument :
BNA_P
ClientSampleId :

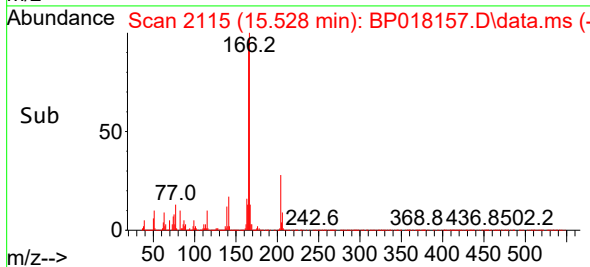
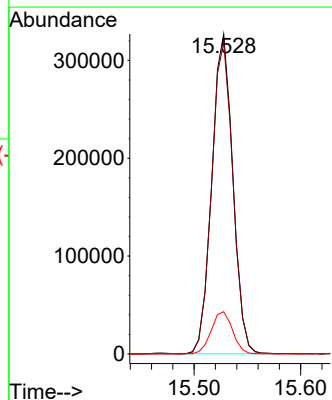
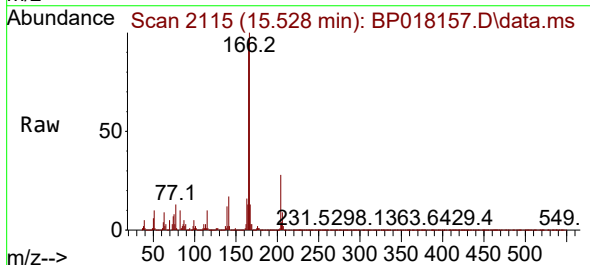


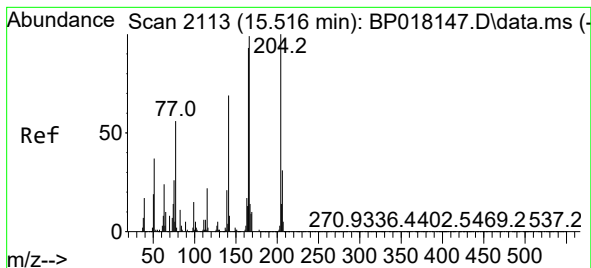
Tgt Ion:149 Resp: 490729
Ion Ratio Lower Upper
149 100
177 20.0 16.3 24.5
150 12.0 10.0 15.0



#61
Fluorene
Concen: 19.372 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:166 Resp: 446799
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 13.2 10.6 16.0

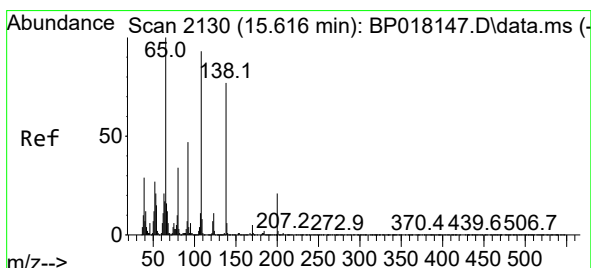
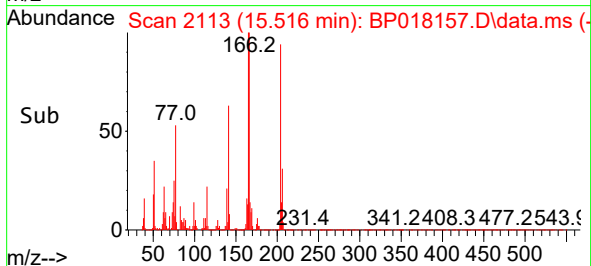
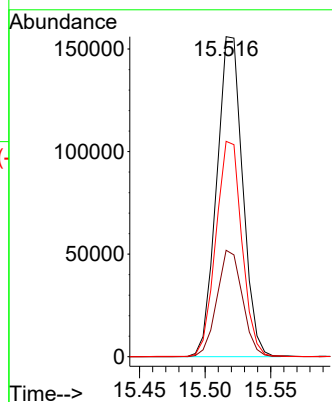
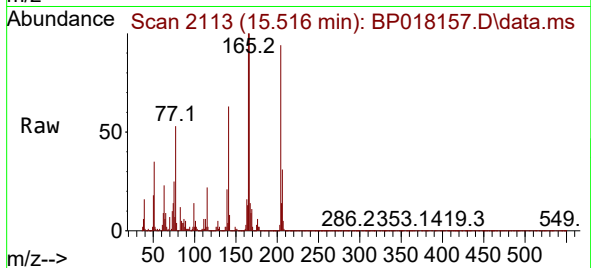




#62
4-Chlorophenyl-phenylether
Concen: 19.011 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

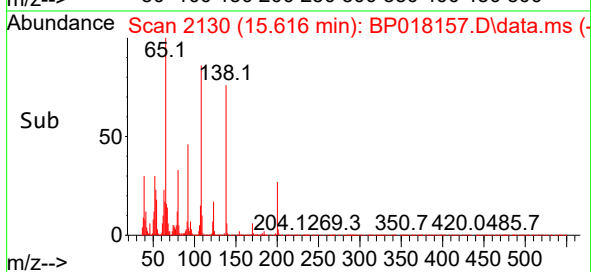
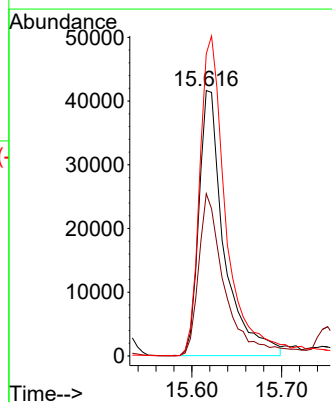
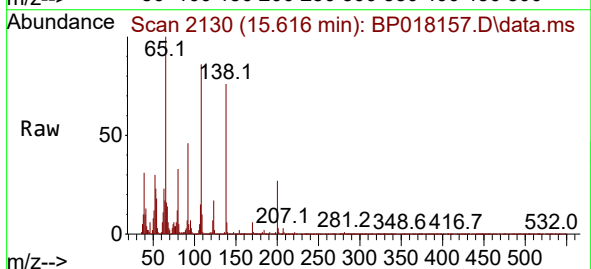
Instrument :
BNA_P
ClientSampleId :

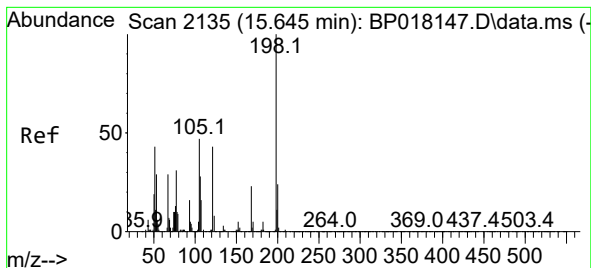
Tgt Ion:204 Resp: 214869
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 67.3 56.0 84.0



#63
4-Nitroaniline
Concen: 19.550 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:138 Resp: 81145
Ion Ratio Lower Upper
138 100
92 61.1 46.6 70.0
108 113.8 104.7 157.1

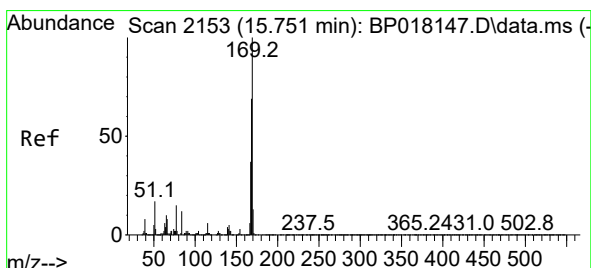
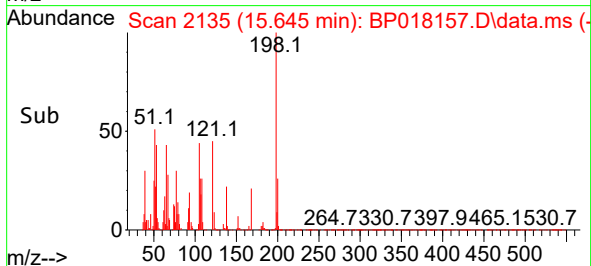
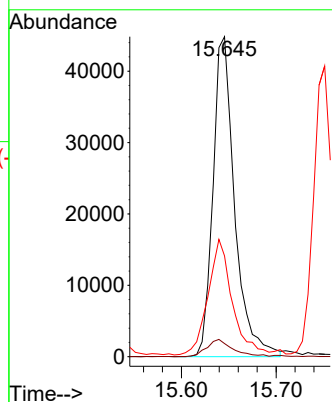
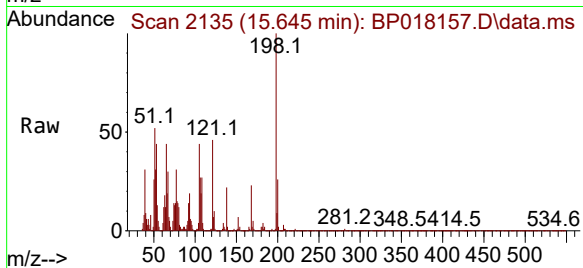




#66
4,6-Dinitro-2-methylphenol
Concen: 15.741 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.035 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

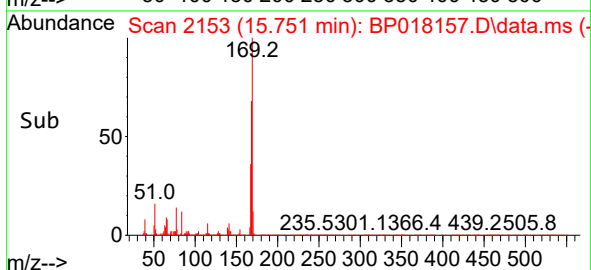
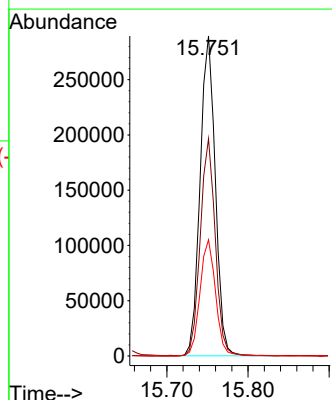
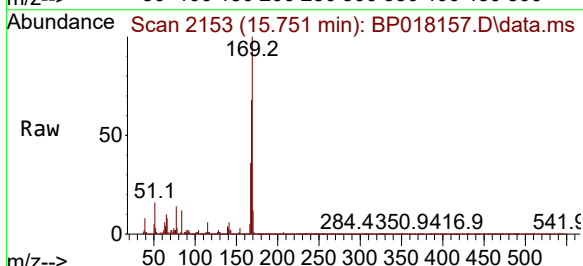
Instrument :
BNA_P
ClientSampleId :

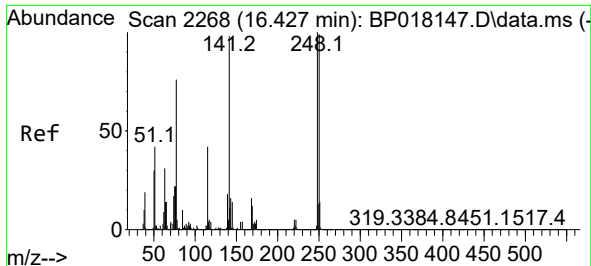
Tgt Ion:198 Resp: 71212
Ion Ratio Lower Upper
198 100
182 4.1 3.8 5.6
77 31.5 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 19.507 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:169 Resp: 377284
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.8
167 36.3 29.8 44.6

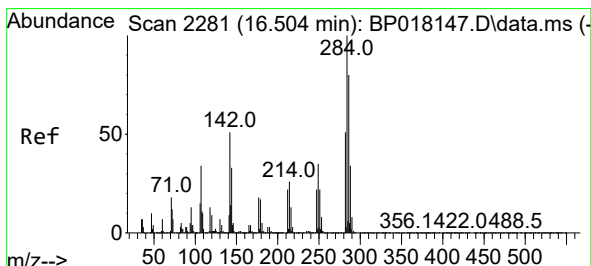
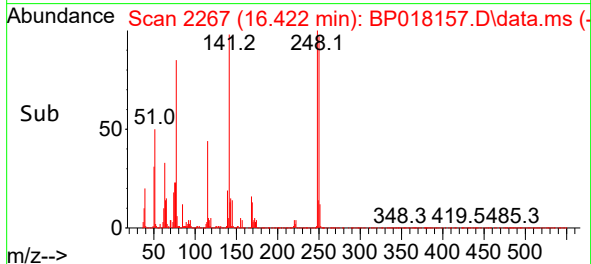
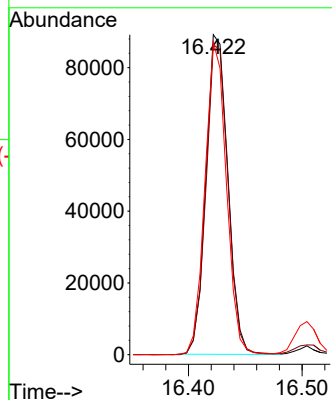
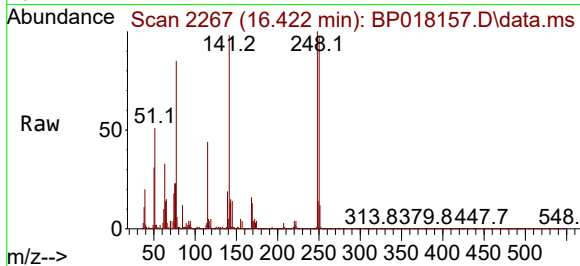




#68
4-Bromophenyl-phenylether
Concen: 17.626 ng/ul
RT: 16.422 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

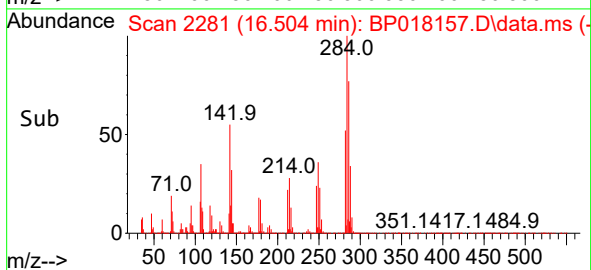
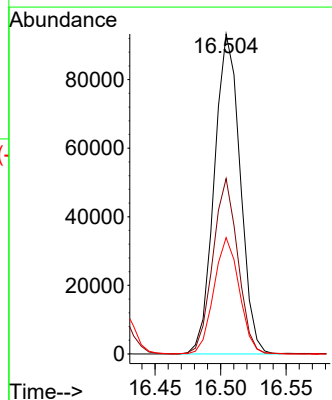
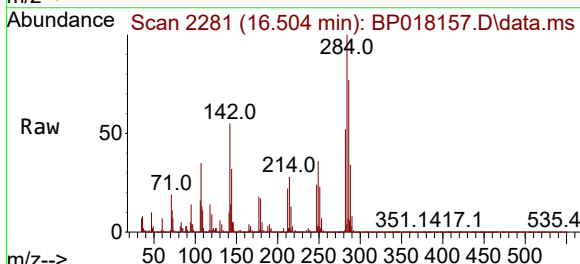
Instrument :
BNA_P
ClientSampleId :

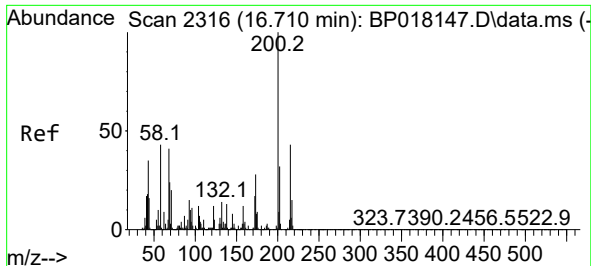
Tgt Ion:248 Resp: 119801
Ion Ratio Lower Upper
248 100
250 96.9 72.7 109.1
141 97.7 70.4 105.6



#69
Hexachlorobenzene
Concen: 16.863 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

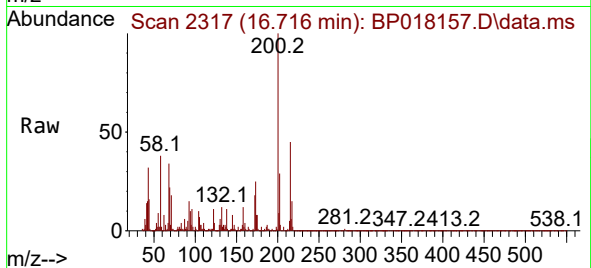
Tgt Ion:284 Resp: 127893
Ion Ratio Lower Upper
284 100
142 54.8 38.9 58.3
249 36.4 28.6 43.0



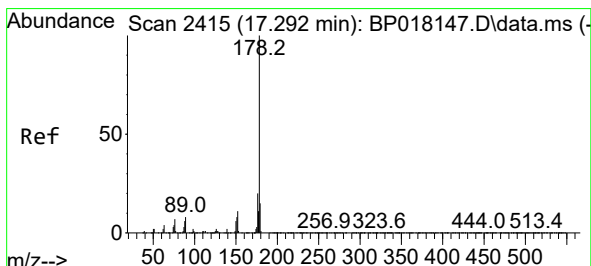
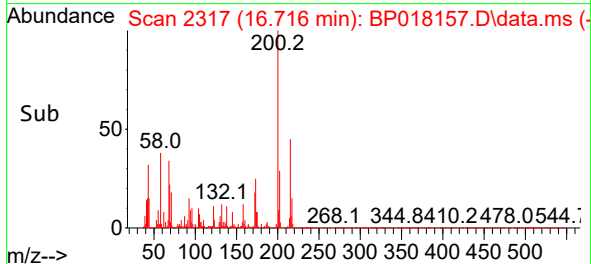
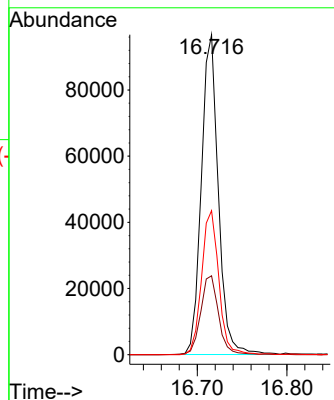


#70
Atrazine
Concen: 18.861 ng/ul
RT: 16.716 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Instrument :
BNA_P
ClientSampleId :

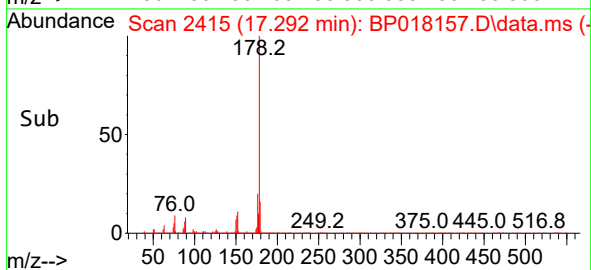
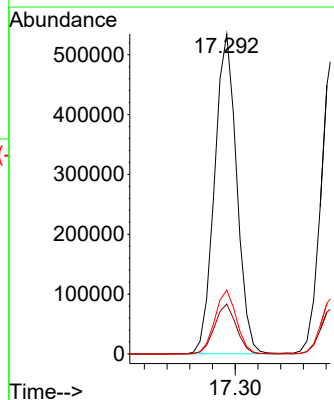
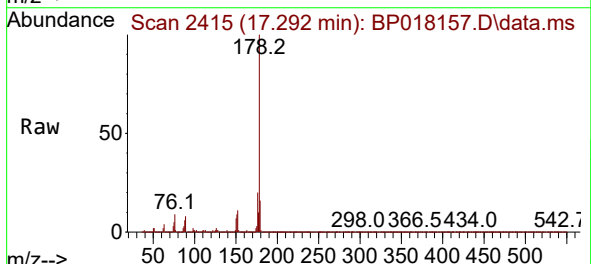


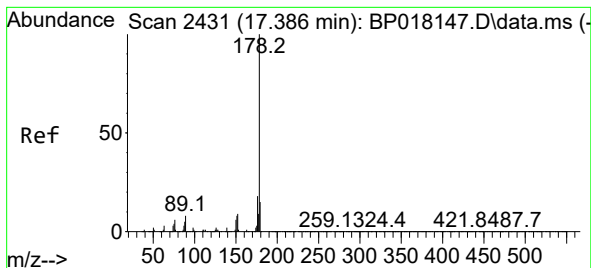
Tgt Ion:200 Resp: 127246
Ion Ratio Lower Upper
200 100
173 24.7 20.2 30.2
215 45.0 37.8 56.8



#72
Phenanthrene
Concen: 19.539 ng/ul
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:178 Resp: 723484
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 20.0 15.5 23.3





#74

Anthracene

Concen: 19.482 ng/uI

RT: 17.387 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

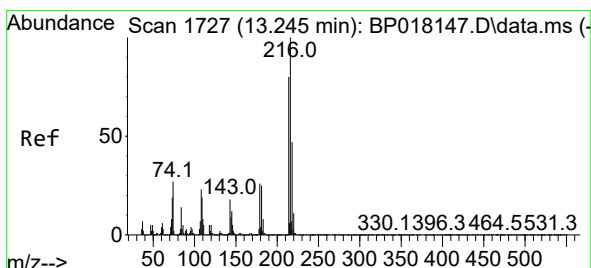
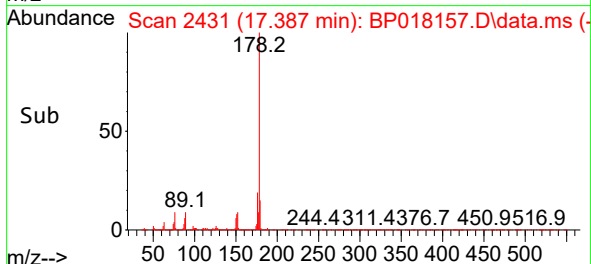
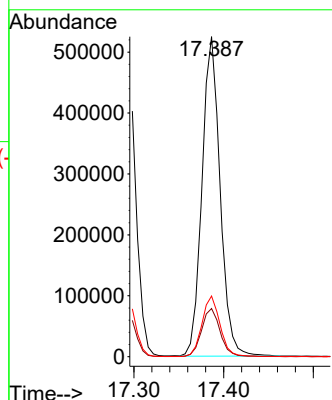
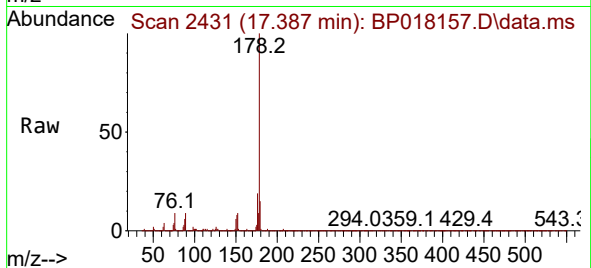
Tgt Ion:178 Resp: 736184

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

176 18.9 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.059 ng/uI

RT: 13.246 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

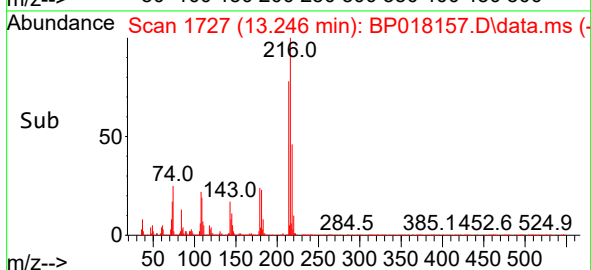
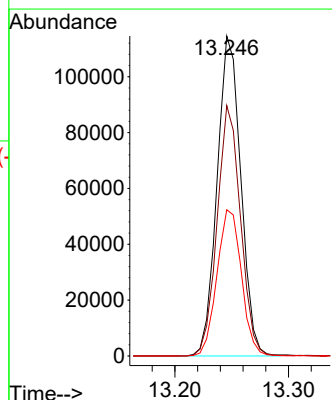
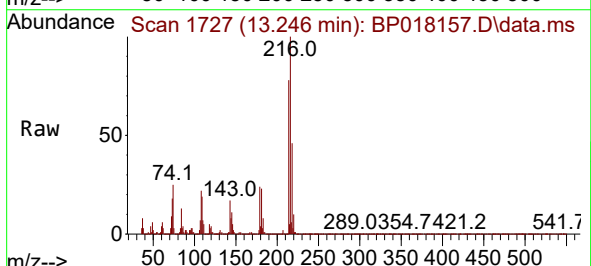
Tgt Ion:216 Resp: 166312

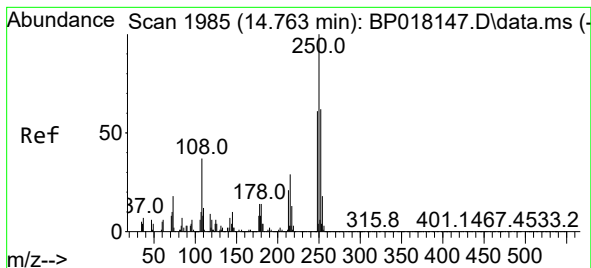
Ion Ratio Lower Upper

216 100

214 78.3 64.0 96.0

218 45.7 39.0 58.4





#76

Pentachlorobenzene

Concen: 17.259 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

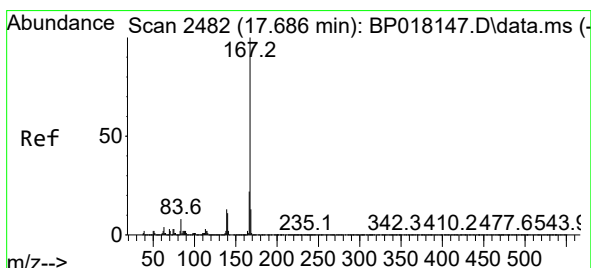
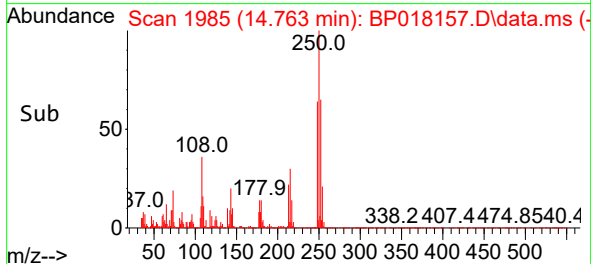
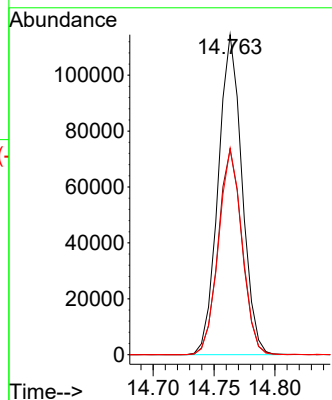
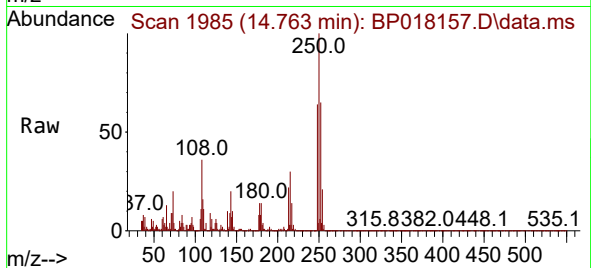
Tgt Ion:250 Resp: 155595

Ion Ratio Lower Upper

250 100

248 64.2 52.7 79.1

252 64.5 52.3 78.5



#77

Carbazole

Concen: 19.877 ng/uL

RT: 17.687 min Scan# 2482

Delta R.T. -0.006 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

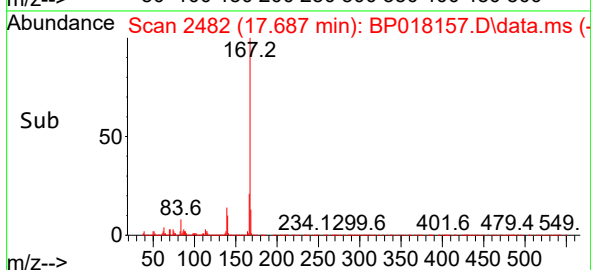
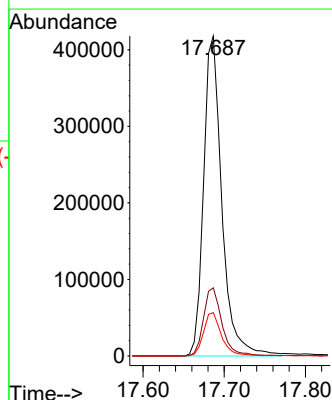
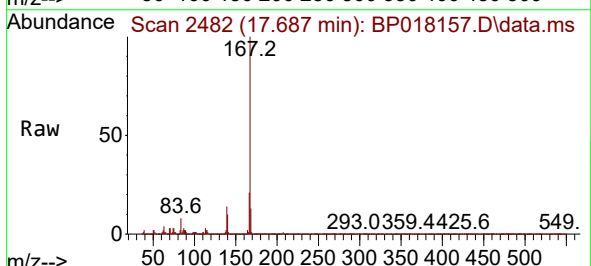
Tgt Ion:167 Resp: 652255

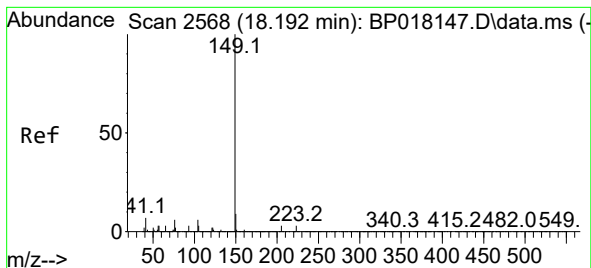
Ion Ratio Lower Upper

167 100

166 21.3 17.6 26.4

139 13.6 11.4 17.0





#78

Di-n-butylphthalate

Concen: 21.113 ng/ul

RT: 18.192 min Scan# 2568

Delta R.T. -0.012 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

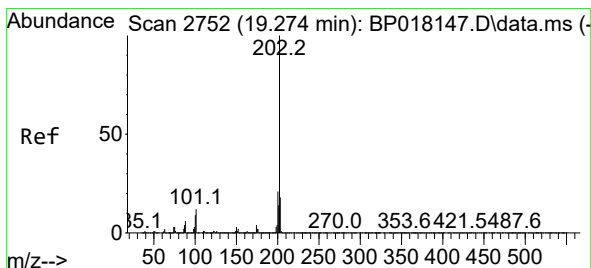
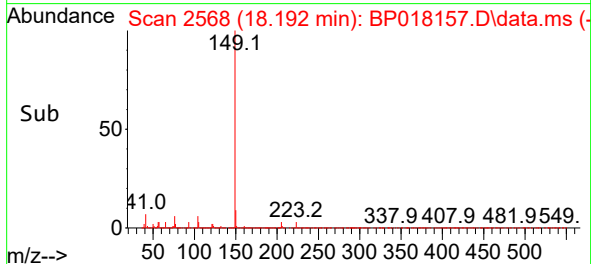
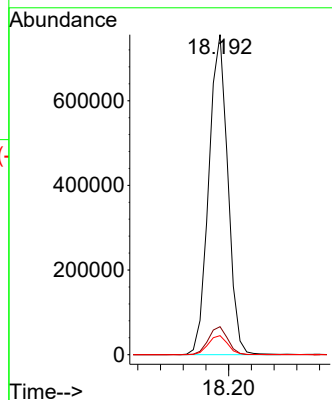
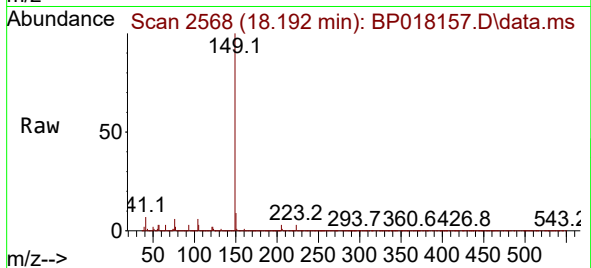
Tgt Ion:149 Resp: 879031

Ion Ratio Lower Upper

149 100

150 8.8 6.7 10.1

104 6.0 5.1 7.7



#80

Fluoranthene

Concen: 19.737 ng/ul

RT: 19.275 min Scan# 2752

Delta R.T. -0.012 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

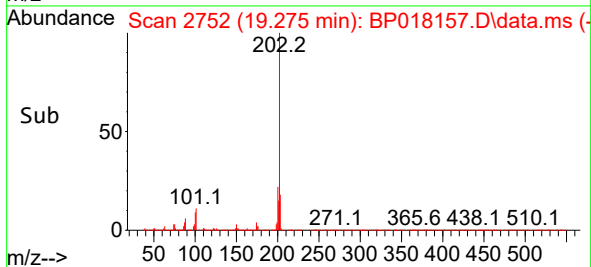
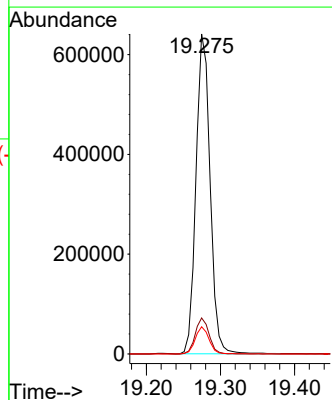
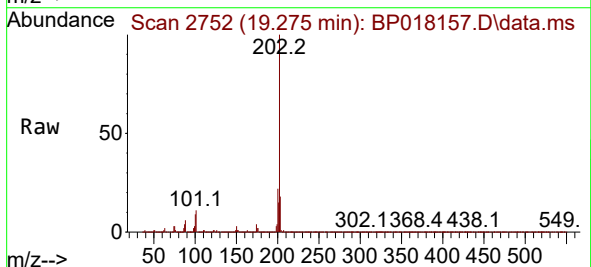
Tgt Ion:202 Resp: 847258

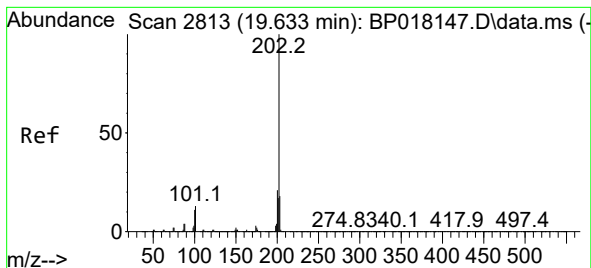
Ion Ratio Lower Upper

202 100

101 11.3 7.2 10.8#

100 8.5 5.8 8.6





#82

Pyrene

Concen: 19.971 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. -0.012 min

Lab File: BP018157.D

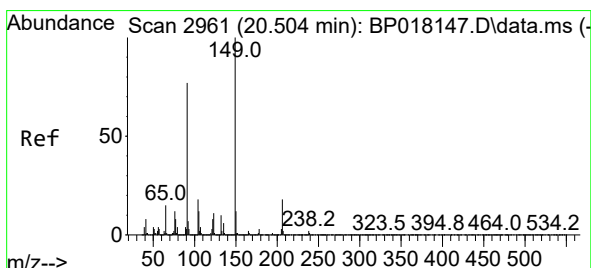
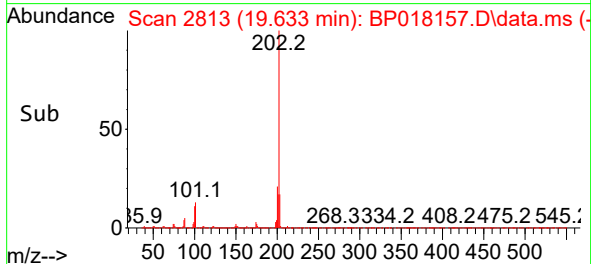
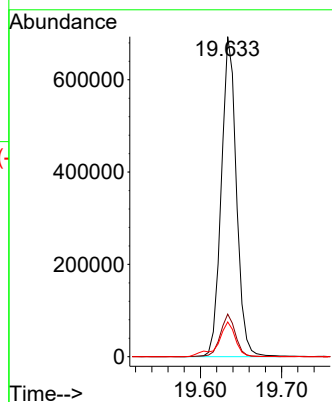
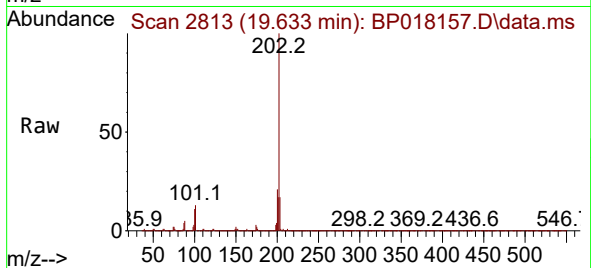
Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:202 Resp: 898331
 Ion Ratio Lower Upper
 202 100
 101 13.3 8.3 12.5#
 100 10.8 7.4 11.2



#83

Butylbenzylphthalate

Concen: 21.414 ng/ul

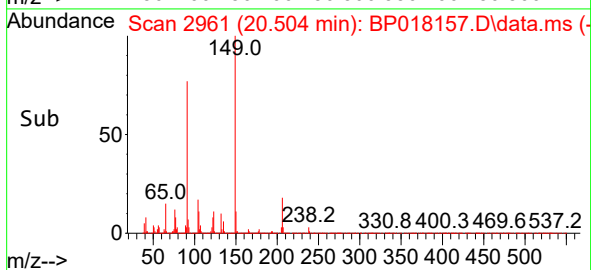
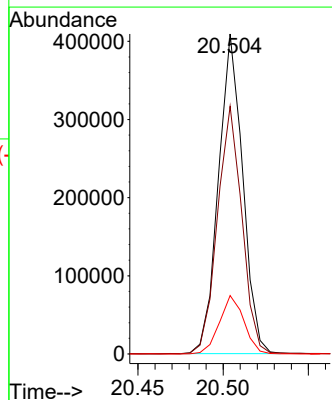
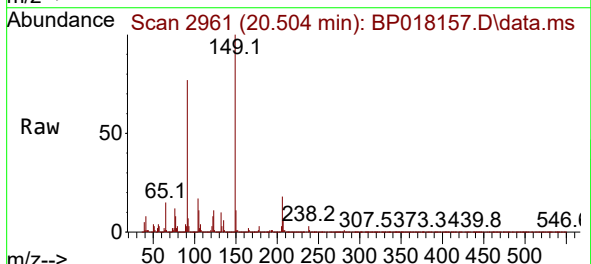
RT: 20.504 min Scan# 2961

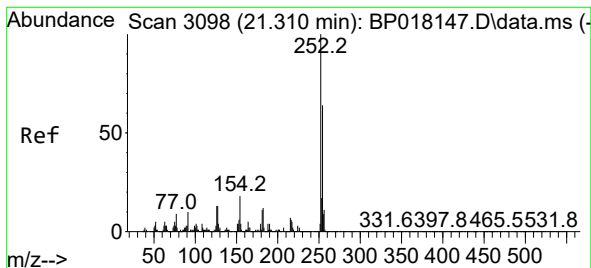
Delta R.T. -0.012 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Tgt Ion:149 Resp: 405094
 Ion Ratio Lower Upper
 149 100
 91 77.4 59.6 89.4
 206 18.2 14.3 21.5





#84

3,3'-Dichlorobenzidine

Concen: 19.281 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.018 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

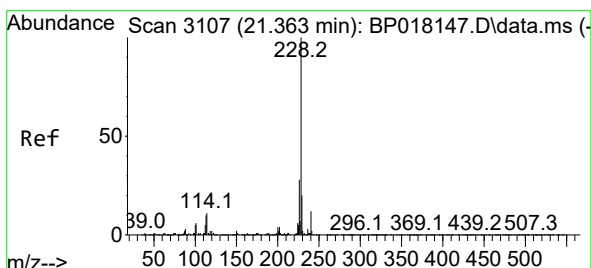
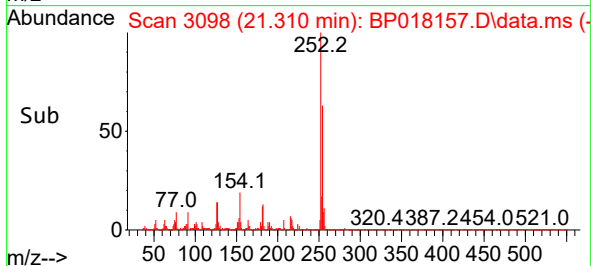
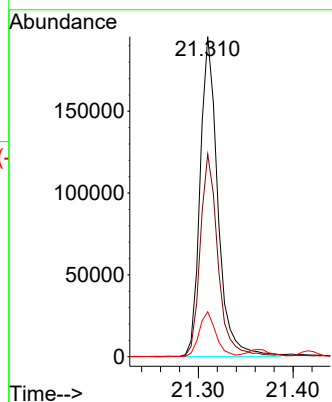
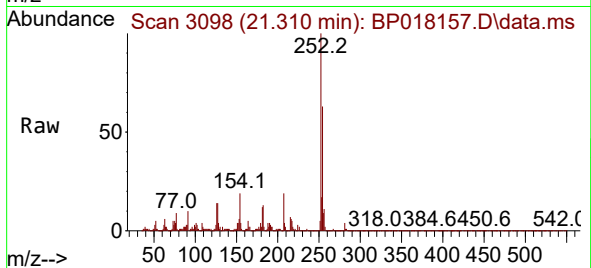
Tgt Ion:252 Resp: 253487

Ion Ratio Lower Upper

252 100

254 63.3 48.9 73.3

126 14.1 9.4 14.0#



#85

Benzo(a)anthracene

Concen: 19.616 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. -0.012 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

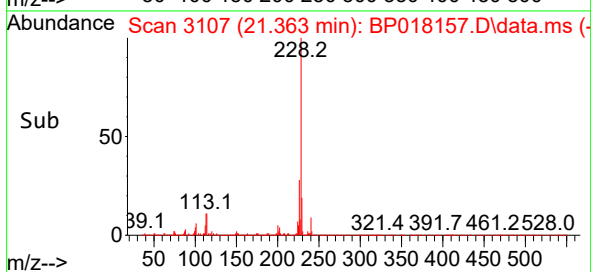
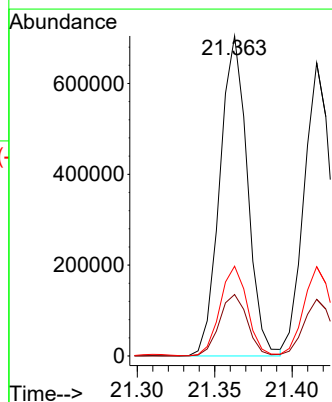
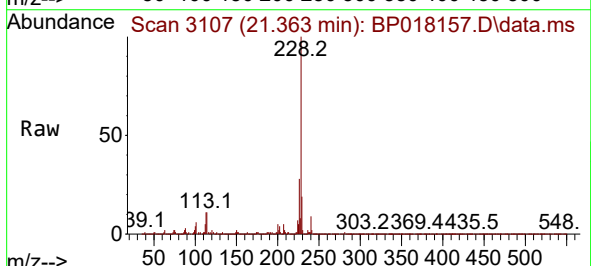
Tgt Ion:228 Resp: 871616

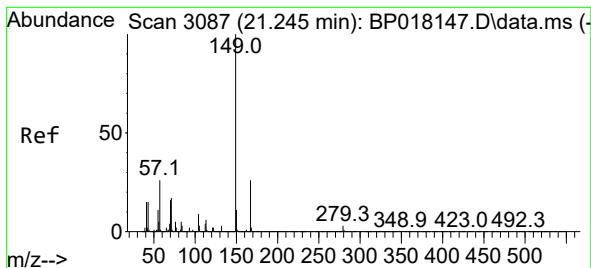
Ion Ratio Lower Upper

228 100

229 19.2 15.4 23.0

226 28.1 21.4 32.0

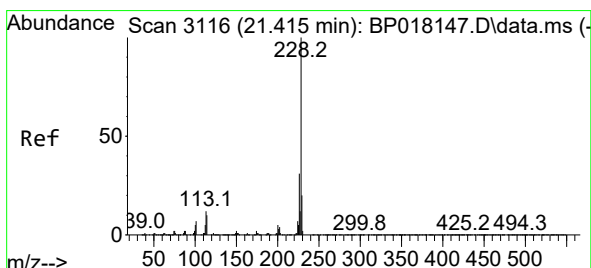
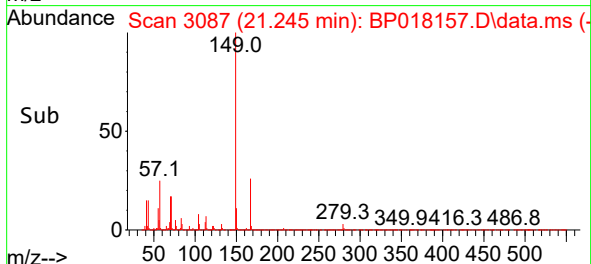
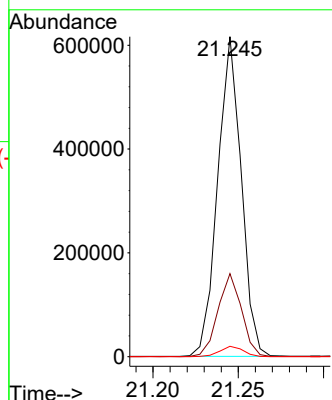
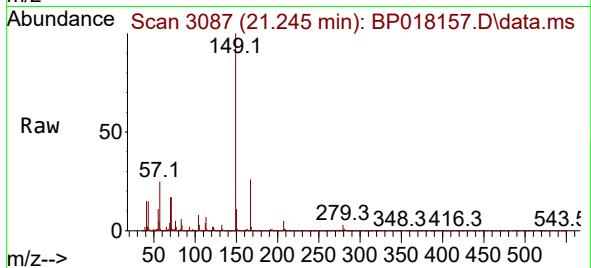




#86
Bis(2-ethylhexyl)phthalate
Concen: 22.702 ng/ul
RT: 21.245 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

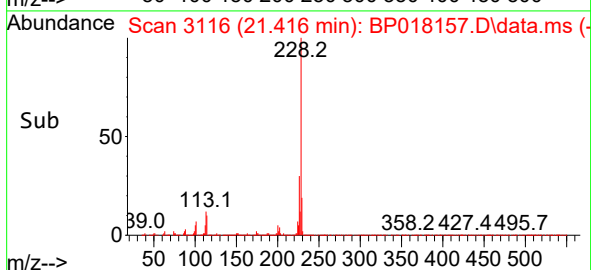
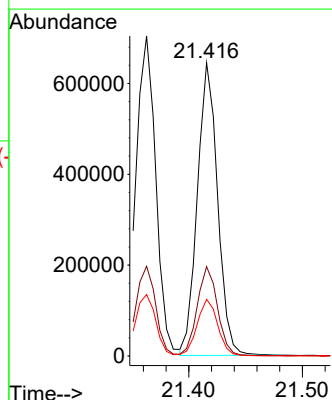
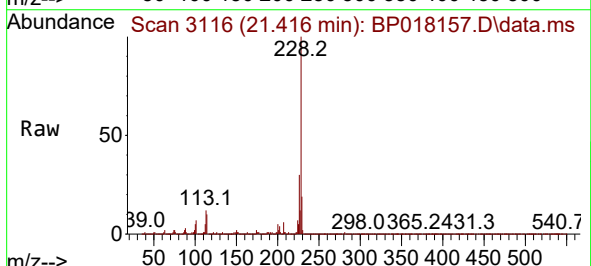
Instrument :
BNA_P
ClientSampleId :

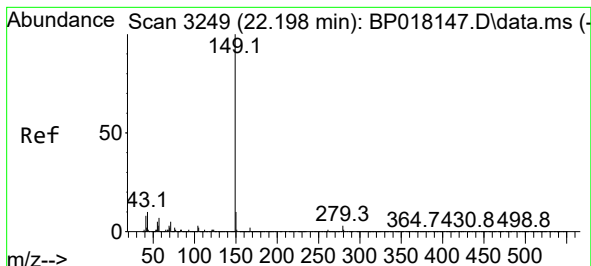
Tgt Ion:149 Resp: 592092
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 3.3 3.2 4.8



#87
Chrysene
Concen: 19.202 ng/ul
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP018157.D
Acq: 14 Nov 2023 16:09

Tgt Ion:228 Resp: 798245
Ion Ratio Lower Upper
228 100
226 30.5 23.1 34.7
229 19.3 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 24.891 ng/ul

RT: 22.198 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP018157.D

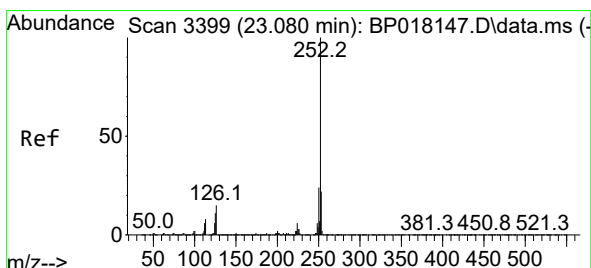
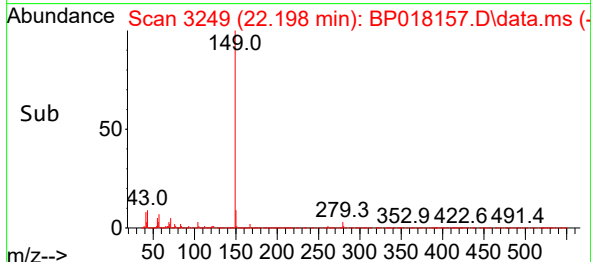
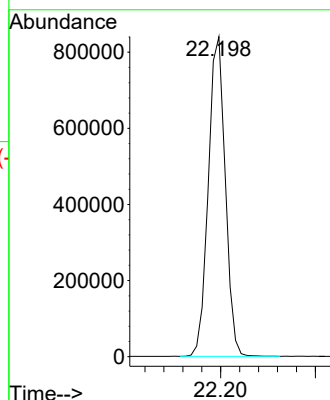
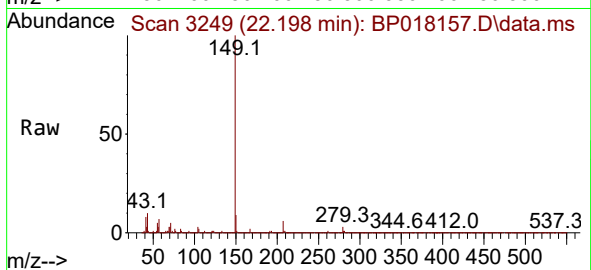
Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 1040607



#90

Benzo(b)fluoranthene

Concen: 19.864 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. -0.018 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

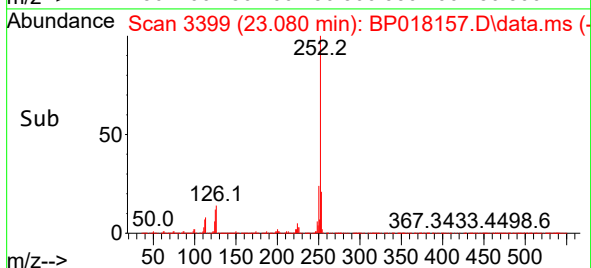
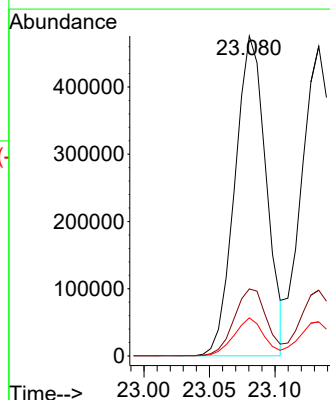
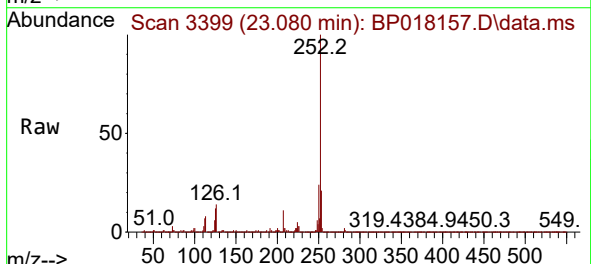
Tgt Ion:252 Resp: 790282

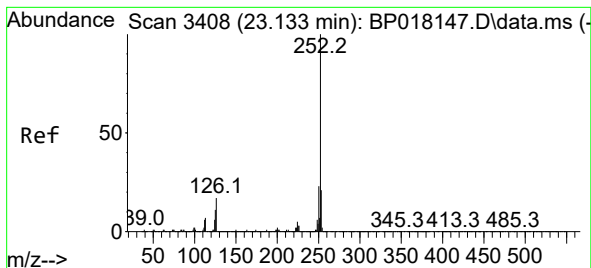
Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.4

125 11.9 7.0 10.6#





#91

Benzo(k)fluoranthene

Concen: 20.169 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. -0.018 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

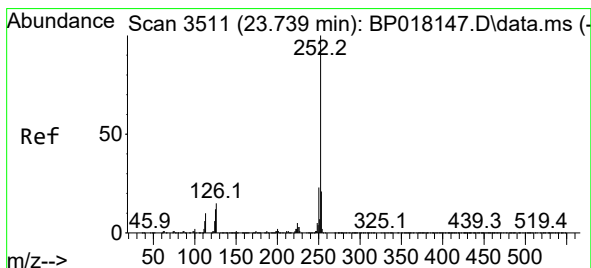
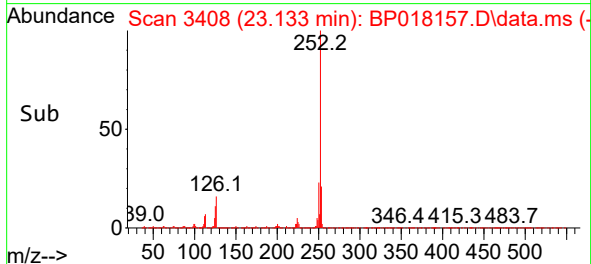
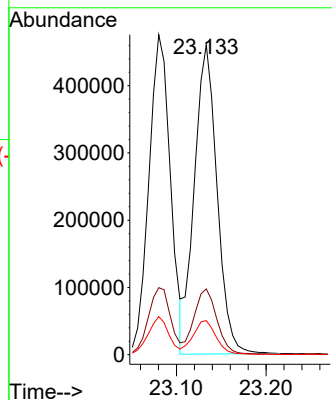
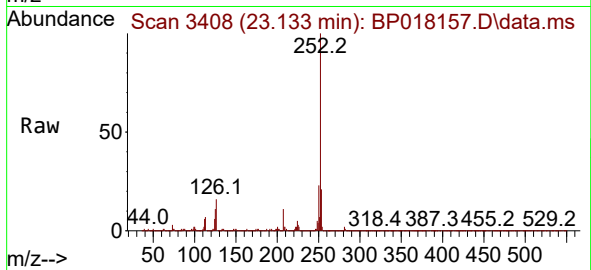
Tgt Ion:252 Resp: 807278

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 11.0 6.8 10.2#



#93

Benzo(a)pyrene

Concen: 19.839 ng/ul

RT: 23.739 min Scan# 3511

Delta R.T. -0.018 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

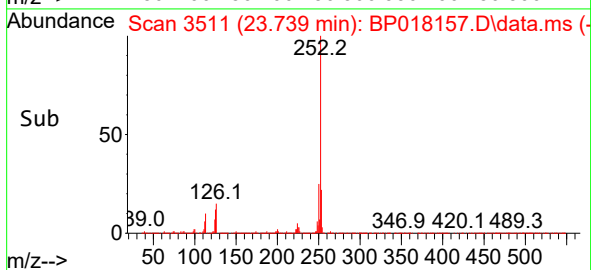
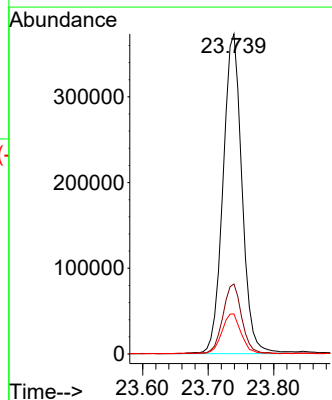
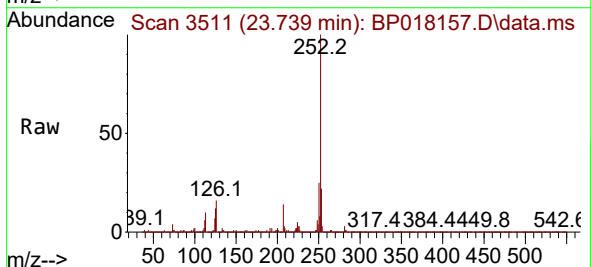
Tgt Ion:252 Resp: 745353

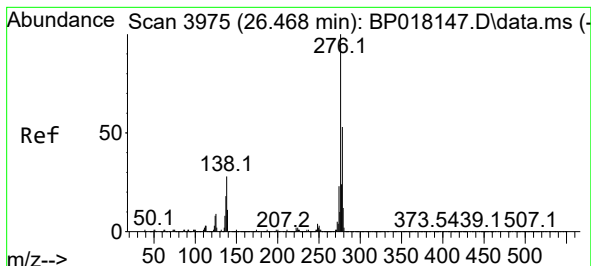
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 12.5 7.3 10.9#





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.228 ng/ul

RT: 26.468 min Scan# 3975

Delta R.T. -0.023 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

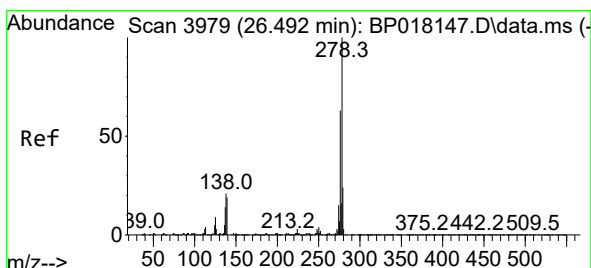
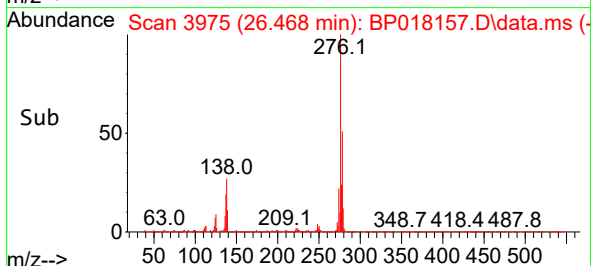
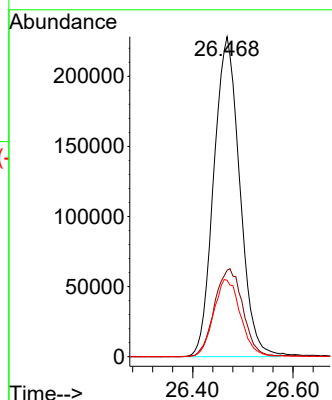
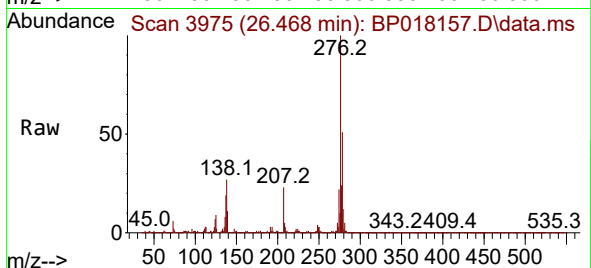
Tgt Ion:276 Resp: 821353

Ion Ratio Lower Upper

276 100

138 27.0 15.6 23.4#

277 23.9 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 18.326 ng/ul

RT: 26.492 min Scan# 3979

Delta R.T. -0.029 min

Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

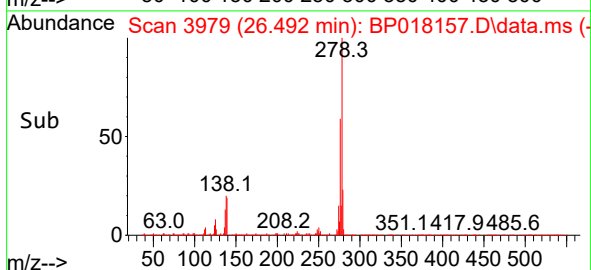
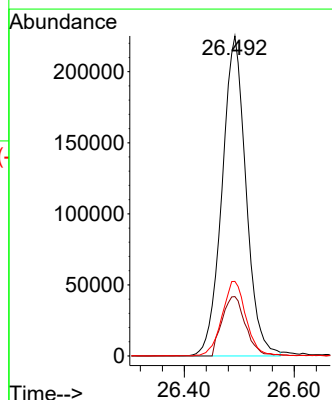
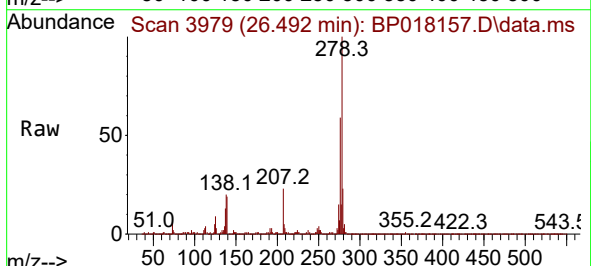
Tgt Ion:278 Resp: 679926

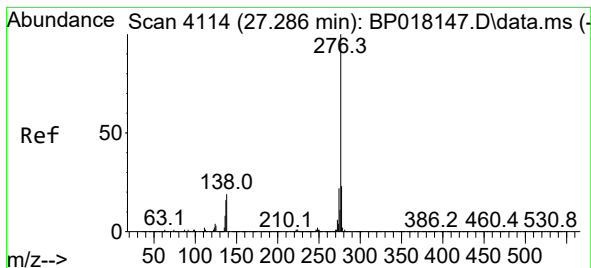
Ion Ratio Lower Upper

278 100

139 18.6 11.1 16.7#

279 23.3 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 18.429 ng/ul

RT: 27.286 min Scan# 4114

Delta R.T. -0.029 min

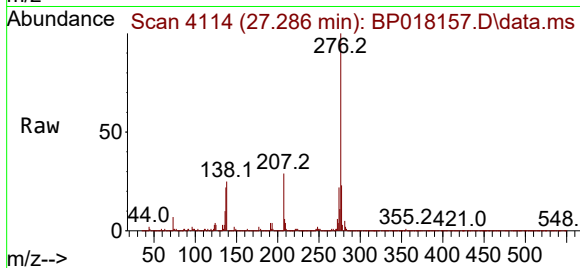
Lab File: BP018157.D

Acq: 14 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 664193

Ion Ratio Lower Upper

276 100

138 24.8 13.8 20.6#

277 23.2 20.2 30.2

