

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016862.D
 Acq On : 30 Aug 2023 08:40
 Operator : MA/JU
 Sample : 04159-02MS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:46:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	430032	20.000	ng/u1	0.00
20) Naphthalene-d8	10.851	136	1881870	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	1149345	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2529533	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	2010046	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	1753017	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	48425	4.654	ng/uL	0.00
4) Pyridine-d5	3.817	84	387744	12.194	ng/u1	0.00
7) Phenol-d5	7.163	99	251843	6.586	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	842325	34.562	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	750622	26.108	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	493798	15.819	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	526178	36.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	539001	35.938	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	940239	33.627	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	1375178	32.071	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	3452465	39.832	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	3746174	38.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	114120	6.370	ng/u1	0.00
60) Fluorene-d10	15.675	176	2922547	40.040	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	558040	37.044	ng/u1	0.00
73) Anthracene-d10	17.551	188	4667894	41.632	ng/u1	0.00
81) Pyrene-d10	19.780	212	5246729	47.527	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	3767277	42.902	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	60642	5.352	ng/uL	97
5) Pyridine	3.834	79	395657	12.080	ng/u1	99
6) Benzaldehyde	7.181	77	837385	40.044	ng/u1	98
8) Phenol	7.193	94	284418	7.107	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.457	93	1120927	34.701	ng/u1	99
12) 2-Chlorophenol	7.575	128	798888	27.185	ng/u1	99
13) 2-Methylphenol	8.463	108	593669	19.777	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	897065	19.038	ng/u1	99
16) Acetophenone	8.875	105	1711245	35.354	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.846	70	913452	35.810	ng/u1	100
18) 4-Methylphenol	8.799	108	553767	16.941	ng/u1	98
19) Hexachloroethane	9.093	117	373654	30.558	ng/u1	100
22) Nitrobenzene	9.263	77	1325600	36.314	ng/u1	99
23) Isophorone	9.781	82	2620325	36.960	ng/u1	100
25) 2-Nitrophenol	9.969	139	588154	35.465	ng/u1	98
26) 2,4-Dimethylphenol	10.004	107	1027303	30.821	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.269	93	1549877	35.434	ng/u1	98
29) 2,4-Dichlorophenol	10.493	162	952533	33.914	ng/u1	99
30) Naphthalene	10.904	128	7429289	76.211	ng/u1	99
32) 4-Chloroaniline	11.034	127	1315516	31.218	ng/u1	99
33) Hexachlorobutadiene	11.134	225	533760	30.851	ng/u1	97
34) Caprolactam	11.875	113	53022	5.119	ng/u1	100
35) 4-Chloro-3-methylphenol	12.128	107	995100	31.594	ng/u1	98
36) 2-Methylnaphthalene	12.504	142	2418089	35.937	ng/u1	99

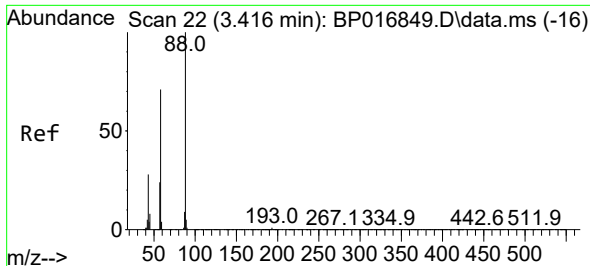
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	2527824	37.254	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	1180741	36.044	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	457721	19.000	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	868208	39.689	ng/ul	100
42) 2,4,5-Trichlorophenol	13.169	196	943431	39.856	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	3293913	38.546	ng/ul	99
44) 2-Chloronaphthalene	13.557	162	2589951	38.393	ng/ul	100
45) 2-Nitroaniline	13.792	65	884466	43.232	ng/ul	99
47) Dimethylphthalate	14.139	163	3513760	40.028	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	748814	43.534	ng/ul	97
50) Acenaphthylene	14.410	152	4257803	37.965	ng/ul	100
51) 3-Nitroaniline	14.622	138	728542	40.675	ng/ul	99
52) Acenaphthene	14.745	153	6148253	82.866	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	353327	28.269	ng/ul	89
55) 4-Nitrophenol	14.904	109	92783	6.858	ng/ul	97
56) Dibenzofuran	15.081	168	4234549	41.595	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	1078406	42.595	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.292	232	828922	41.133	ng/ul	99
59) Diethylphthalate	15.492	149	3625010	40.650	ng/ul	99
61) Fluorene	15.734	166	4709873	55.311	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	1683195	40.261	ng/ul	98
63) 4-Nitroaniline	15.792	138	747292	43.847	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.816	198	584098	35.964	ng/ul	96
67) N-Nitrosodiphenylamine	15.945	169	2979433	42.586	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	1022712	42.170	ng/ul	96
69) Hexachlorobenzene	16.710	284	1106741	40.758	ng/ul	99
70) Atrazine	16.904	200	1049905	39.805	ng/ul	99
71) Pentachlorophenol	17.069	266	717235	35.583	ng/ul	100
72) Phenanthrene	17.492	178	5582967	41.924	ng/ul	99
74) Anthracene	17.586	178	5624446	41.771	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	121362	3.583	ng/uL	97
76) Pentachlorobenzene	14.969	250	1284105	42.424	ng/uL	99
77) Carbazole	17.869	167	8552822	70.527	ng/ul	98
78) Di-n-butylphthalate	18.375	149	6552583	43.309	ng/ul	100
80) Fluoranthene	19.451	202	6465425	48.754	ng/ul	99
82) Pyrene	19.810	202	6535917	47.713	ng/ul	99
83) Butylbenzylphthalate	20.669	149	3031792	51.319	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	1516678	35.302	ng/ul	99
85) Benzo(a)anthracene	21.527	228	5899761	42.612	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	4377001	50.741	ng/ul	99
87) Chrysene	21.586	228	5443079	43.279	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	7087199	53.685	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	4969828	44.396	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	4948369	44.697	ng/ul	99
93) Benzo(a)pyrene	23.998	252	4211271	41.591	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	4879577	47.160	ng/ul	100
95) Dibenzo(a,h)anthracene	26.874	278	4038119	46.989	ng/ul	98
96) Benzo(g,h,i)perylene	27.698	276	3838283	48.931	ng/ul	98

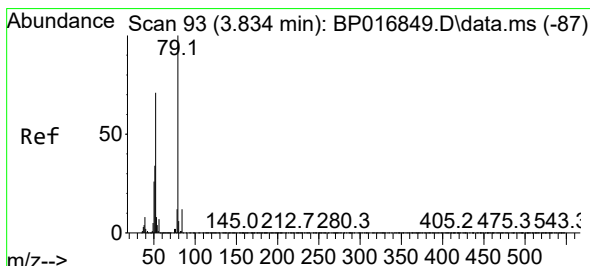
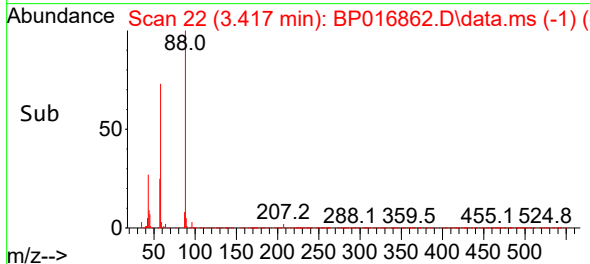
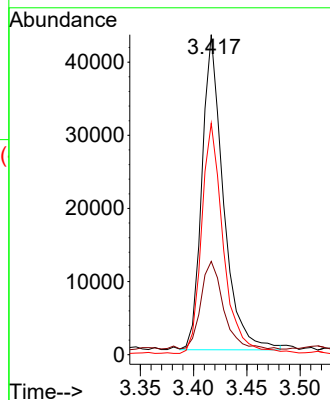
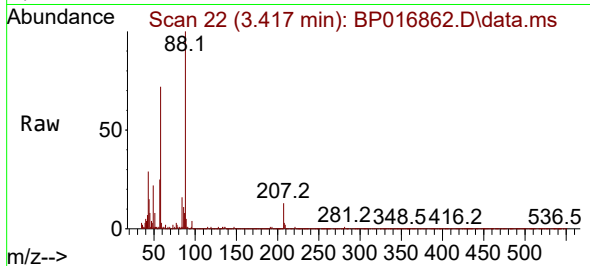
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#2
 1,4-Dioxane
 Concen: 5.352 ng/uL
 RT: 3.417 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP016862.D
 Acq: 30 Aug 2023 08:40

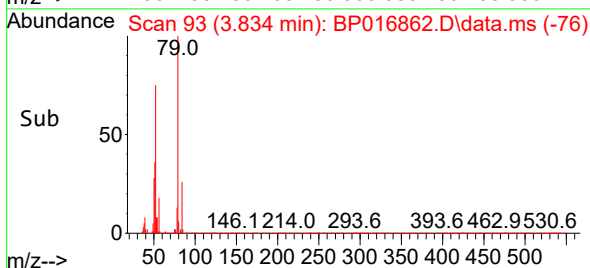
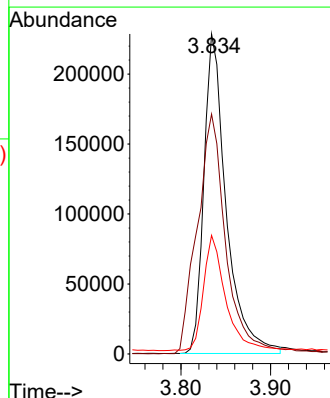
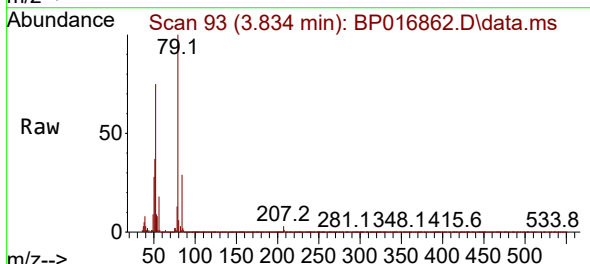
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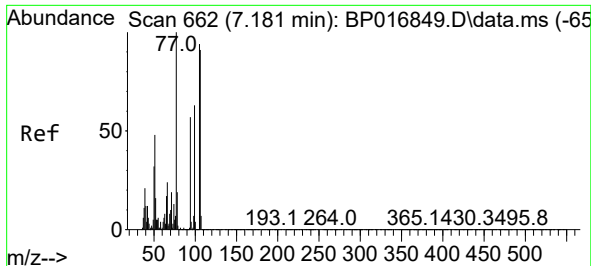
Tgt Ion: 88 Resp: 60642
 Ion Ratio Lower Upper
 88 100
 43 29.2 24.0 36.0
 58 72.3 59.8 89.8



#5
 Pyridine
 Concen: 12.080 ng/uL
 RT: 3.834 min Scan# 93
 Delta R.T. 0.000 min
 Lab File: BP016862.D
 Acq: 30 Aug 2023 08:40

Tgt Ion: 79 Resp: 395657
 Ion Ratio Lower Upper
 79 100
 52 75.0 59.6 89.4
 51 37.0 28.2 42.2

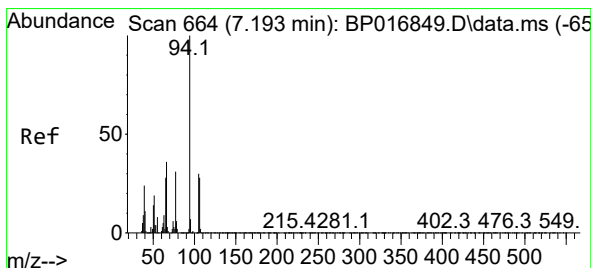
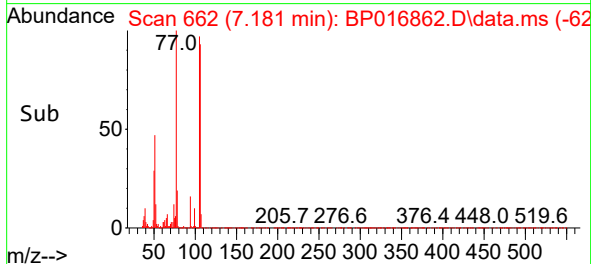
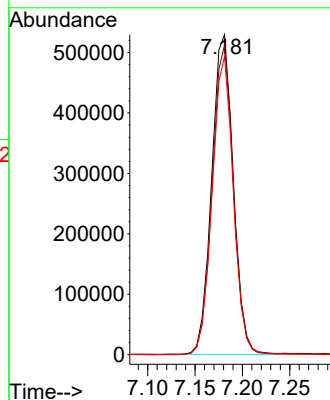
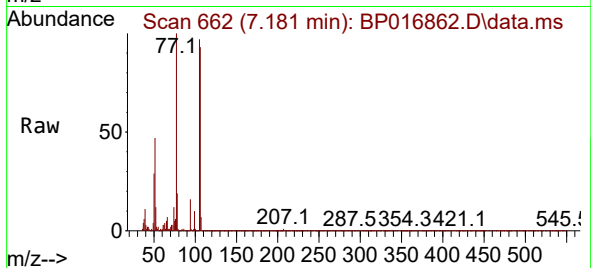




#6
Benzaldehyde
Concen: 40.044 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

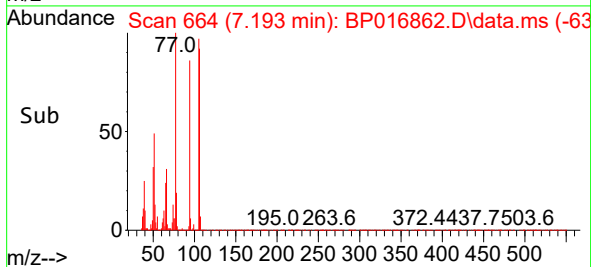
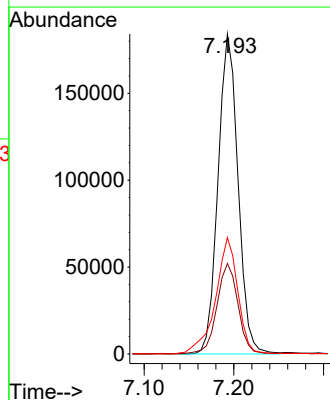
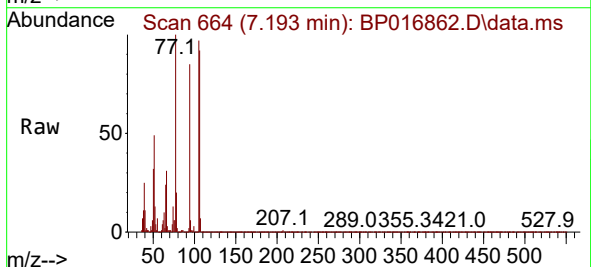
Instrument :
BNA_P
ClientSampleId :

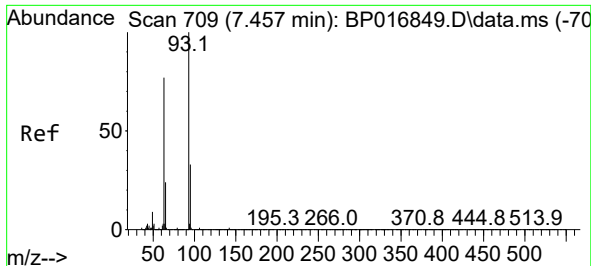
Tgt Ion: 77 Resp: 837385
Ion Ratio Lower Upper
77 100
105 96.7 75.4 113.2
106 93.3 73.1 109.7



#8
Phenol
Concen: 7.107 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion: 94 Resp: 284418
Ion Ratio Lower Upper
94 100
65 28.2 22.4 33.6
66 36.4 28.6 42.8



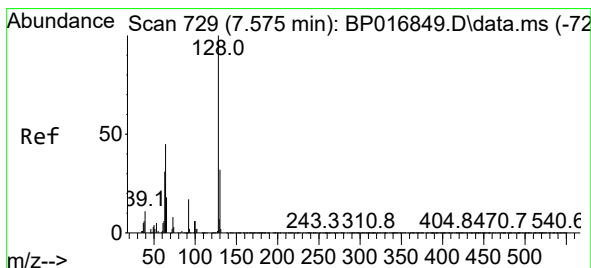
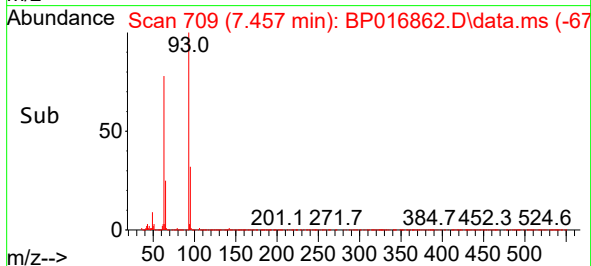
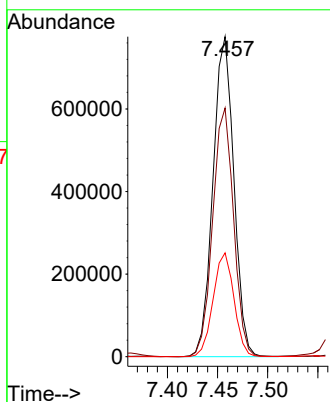
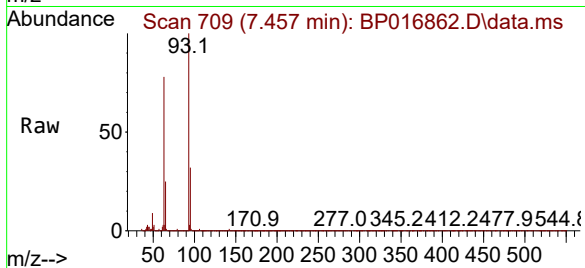


#10
 Bis(2-Chloroethyl)ether
 Concen: 34.701 ng/ul
 RT: 7.457 min Scan# 709
 Delta R.T. 0.000 min
 Lab File: BP016862.D
 Acq: 30 Aug 2023 08:40

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 93 Resp: 1120927

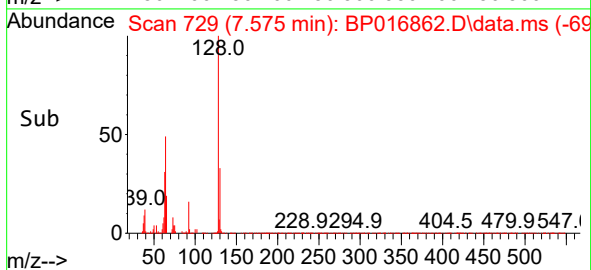
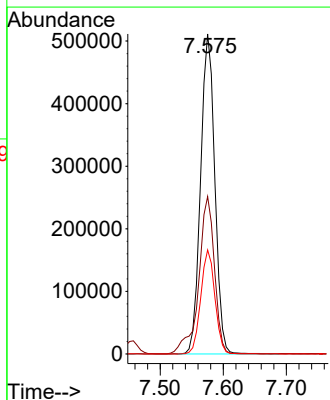
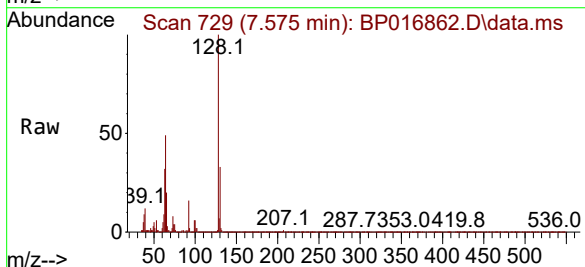
Ion	Ratio	Lower	Upper
93	100		
63	77.7	62.9	94.3
95	32.4	26.3	39.5

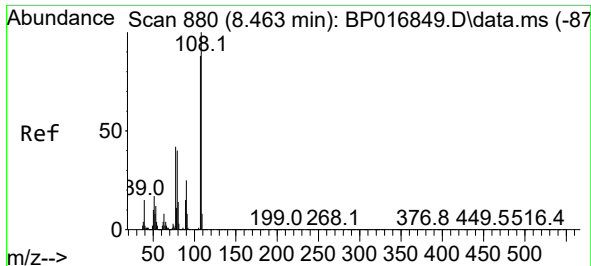


#12
 2-Chlorophenol
 Concen: 27.185 ng/ul
 RT: 7.575 min Scan# 729
 Delta R.T. 0.000 min
 Lab File: BP016862.D
 Acq: 30 Aug 2023 08:40

Tgt Ion: 128 Resp: 798888

Ion	Ratio	Lower	Upper
128	100		
64	49.2	40.0	60.0
130	32.5	26.4	39.6





#13

2-Methylphenol

Concen: 19.777 ng/ul

RT: 8.463 min Scan# 880

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

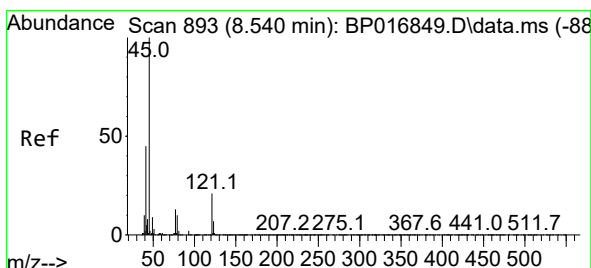
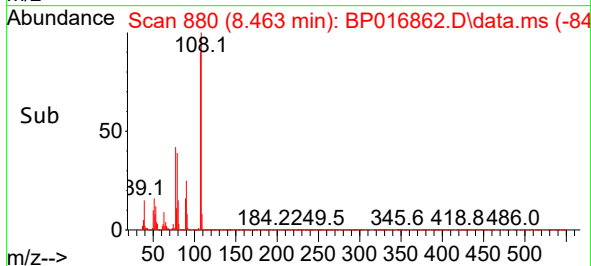
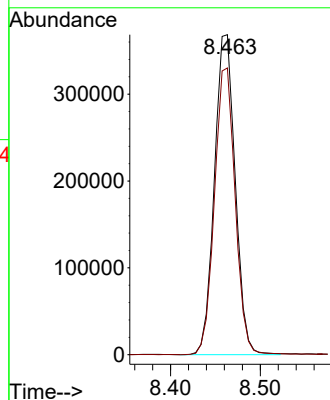
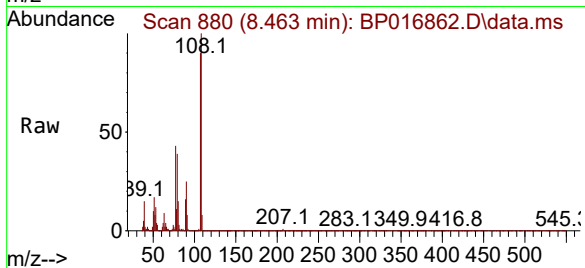
ClientSampleId :

Tgt Ion:108 Resp: 593669

Ion Ratio Lower Upper

108 100

107 89.6 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.038 ng/ul

RT: 8.534 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

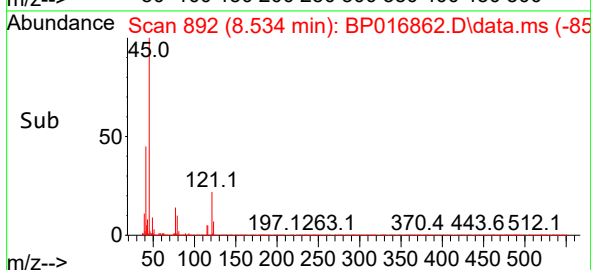
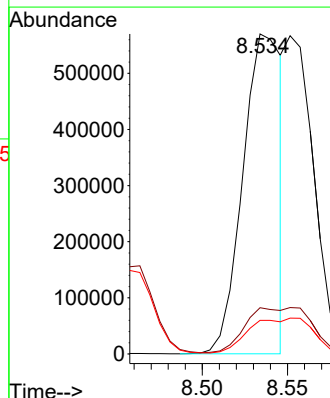
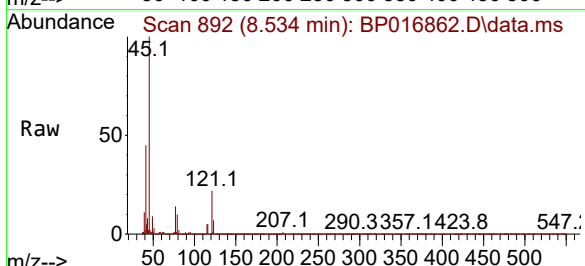
Tgt Ion: 45 Resp: 897065

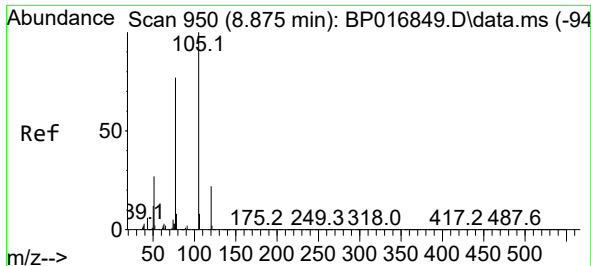
Ion Ratio Lower Upper

45 100

77 14.4 11.1 16.7

79 10.5 8.2 12.4

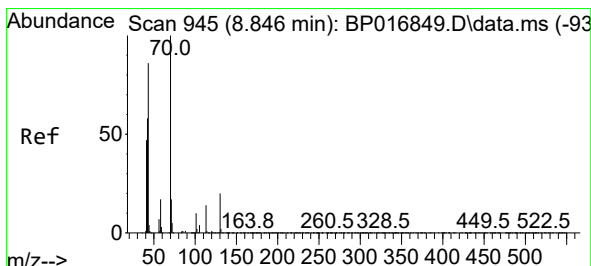
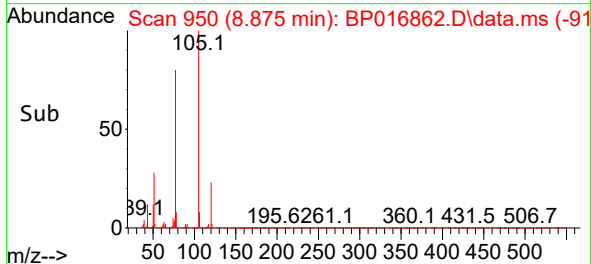
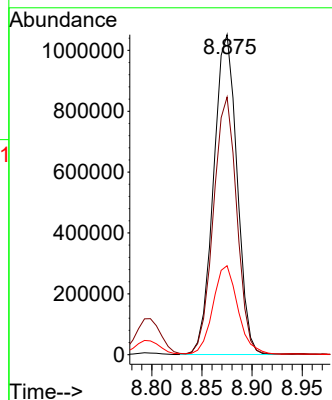
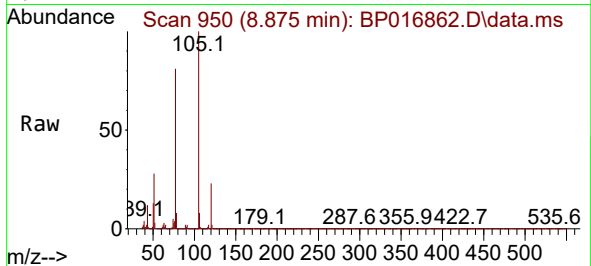




#16
Acetophenone
Concen: 35.354 ng/ul
RT: 8.875 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

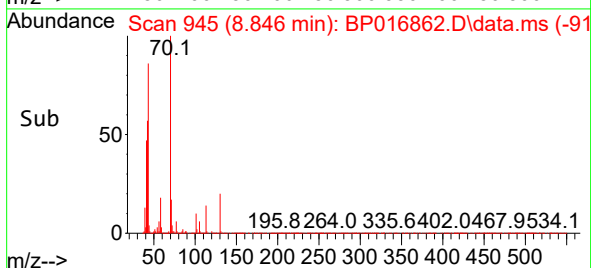
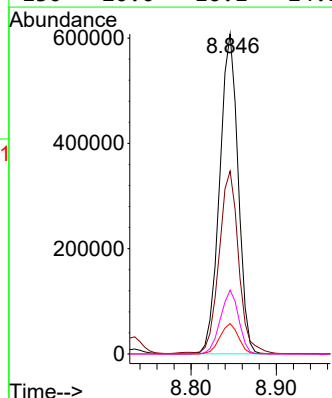
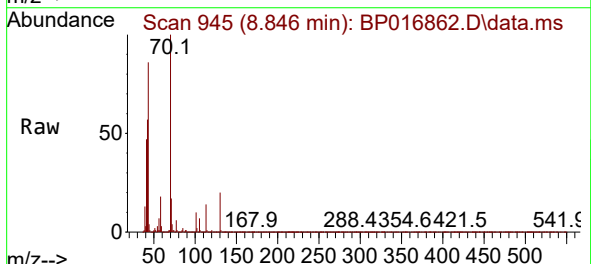
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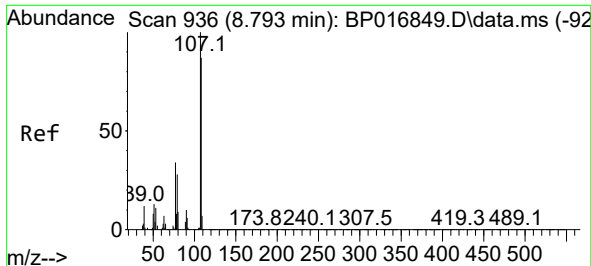
Tgt Ion:105 Resp: 1711245
Ion Ratio Lower Upper
105 100
77 80.5 64.2 96.4
51 27.8 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 35.810 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

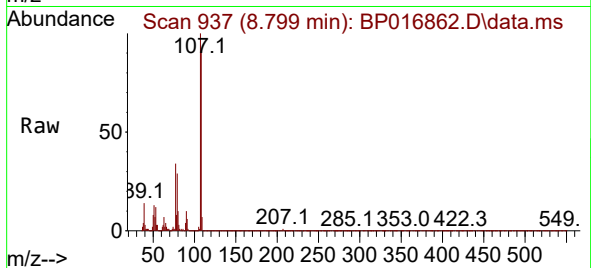
Tgt Ion: 70 Resp: 913452
Ion Ratio Lower Upper
70 100
42 57.2 46.0 69.0
101 9.5 7.6 11.4
130 20.0 16.1 24.1



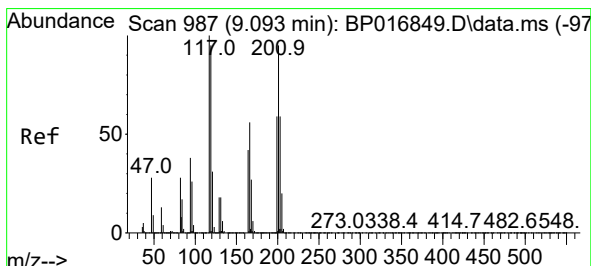
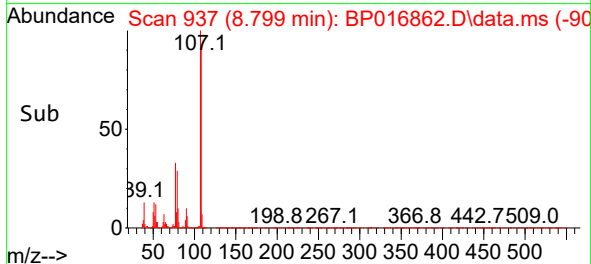
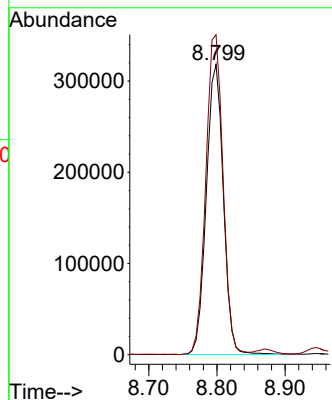


#18
4-Methylphenol
Concen: 16.941 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Instrument :
BNA_P
ClientSampleId :

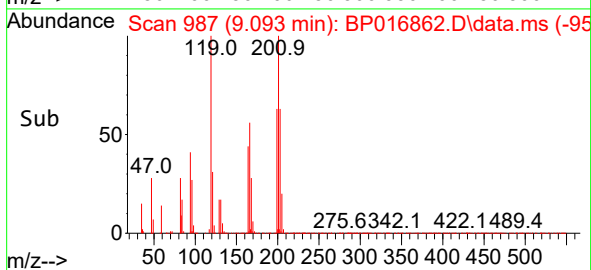
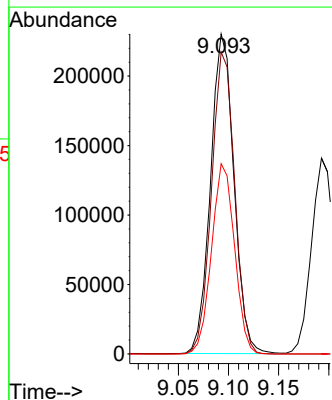
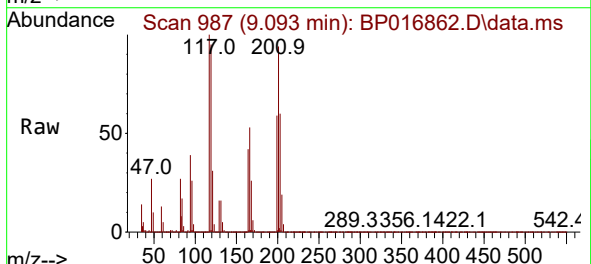


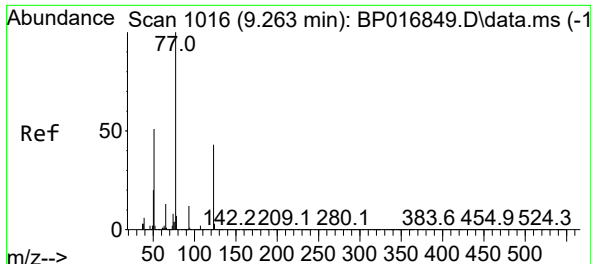
Tgt Ion:108 Resp: 553767
Ion Ratio Lower Upper
108 100
107 110.3 89.8 134.6



#19
Hexachloroethane
Concen: 30.558 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:117 Resp: 373654
Ion Ratio Lower Upper
117 100
201 94.4 75.4 113.2
199 59.4 47.8 71.6

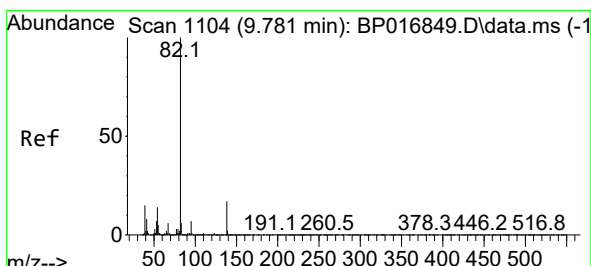
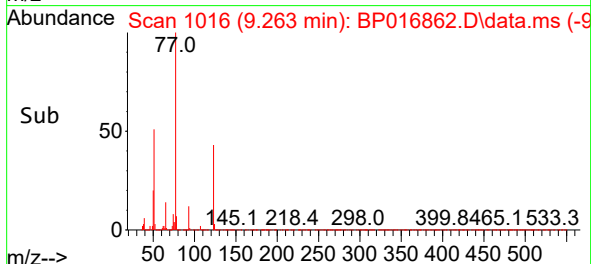
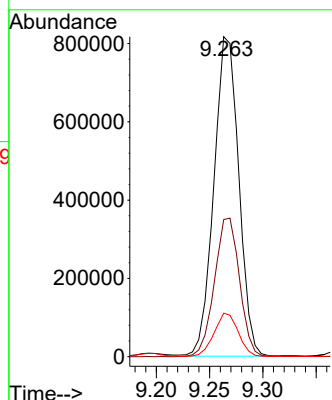
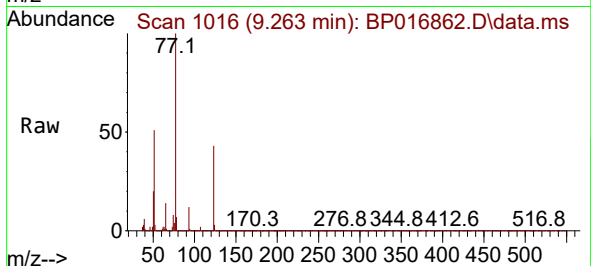




#22
Nitrobenzene
Concen: 36.314 ng/ul
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

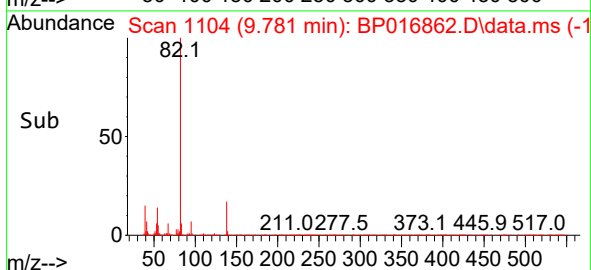
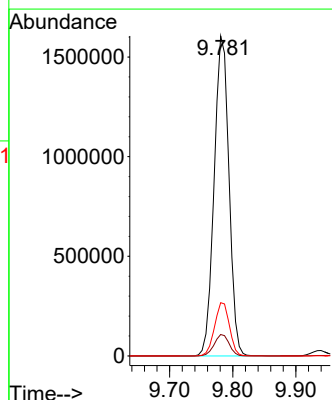
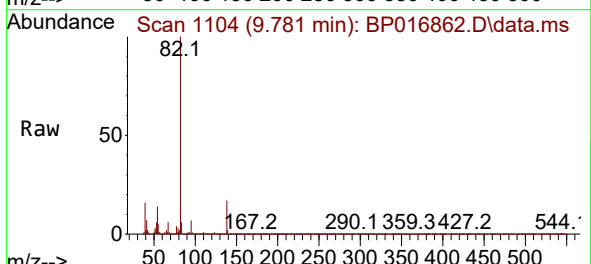
Instrument :
BNA_P
ClientSampleId :

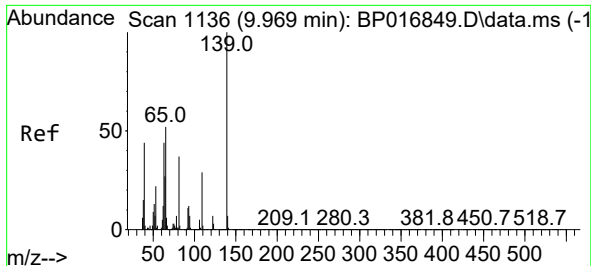
Tgt Ion: 77 Resp: 1325600
Ion Ratio Lower Upper
77 100
123 42.9 34.9 52.3
65 13.6 10.6 15.8



#23
Isophorone
Concen: 36.960 ng/ul
RT: 9.781 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion: 82 Resp: 2620325
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.6 13.5 20.3

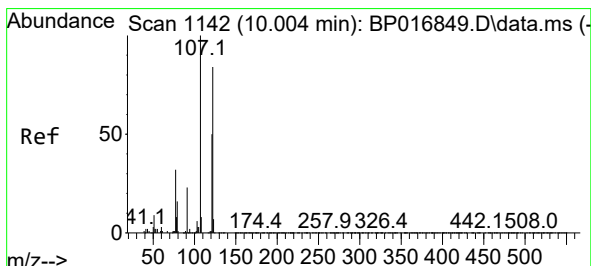
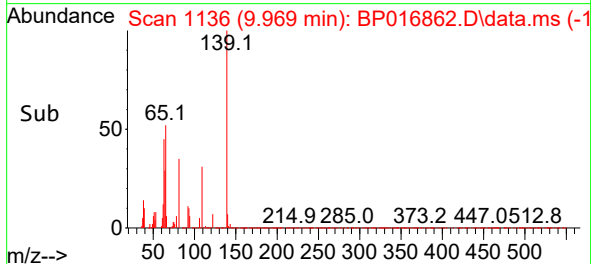
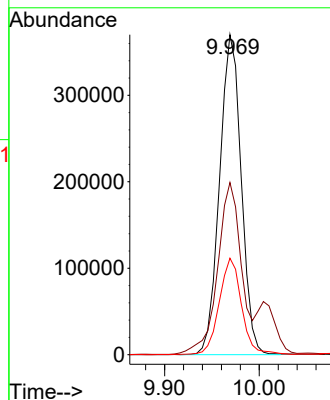
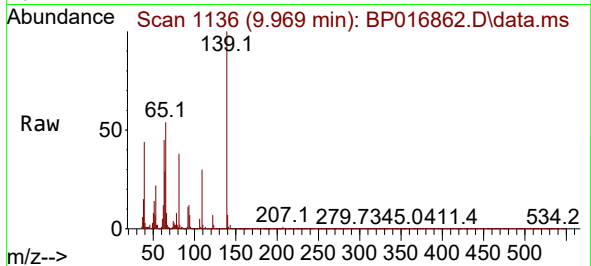




#25
2-Nitrophenol
Concen: 35.465 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

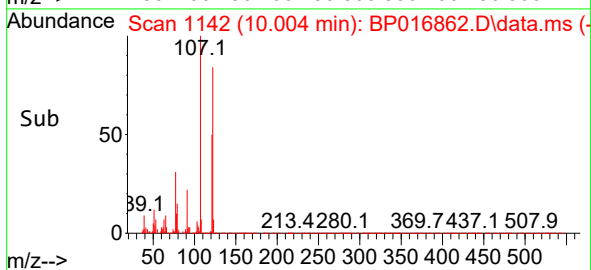
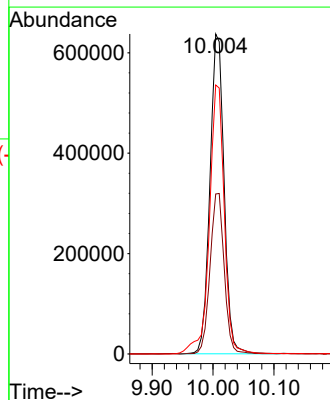
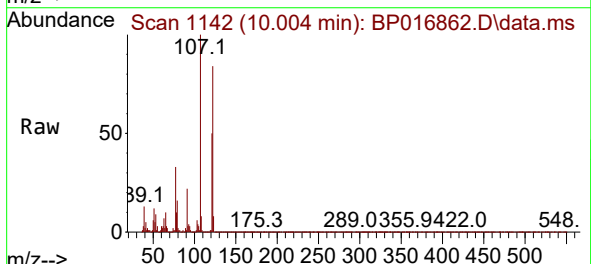
Instrument :
BNA_P
ClientSampleId :

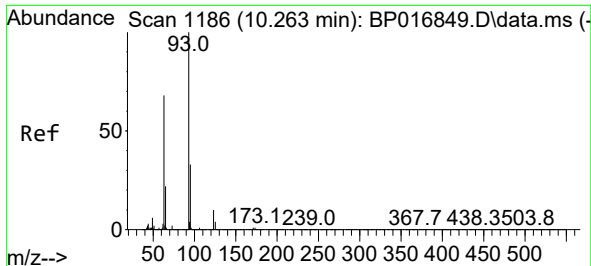
Tgt Ion:139 Resp: 588154
Ion Ratio Lower Upper
139 100
65 53.8 42.0 63.0
109 30.2 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 30.821 ng/ul
RT: 10.004 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:107 Resp: 1027303
Ion Ratio Lower Upper
107 100
121 50.0 40.7 61.1
122 84.0 69.7 104.5

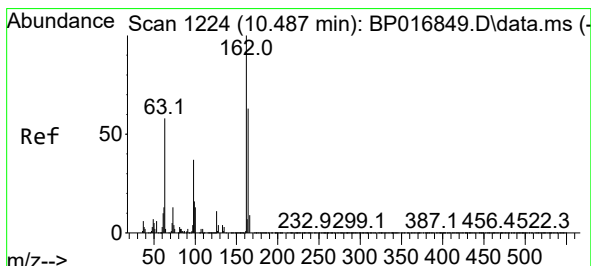
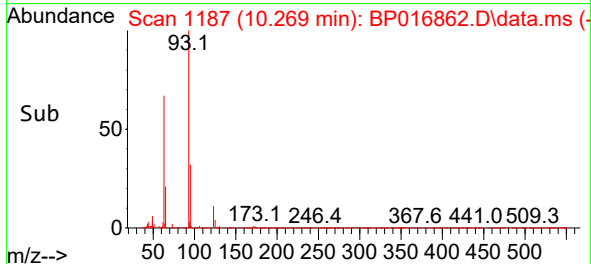
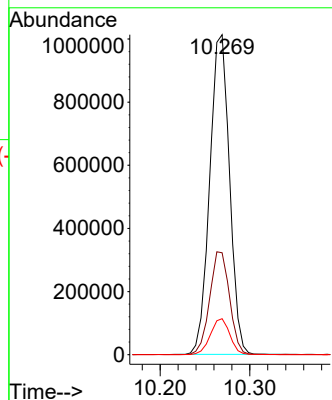
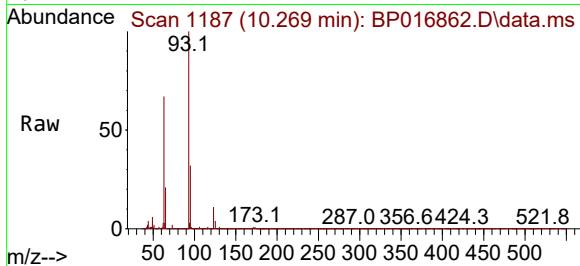




#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.434 ng/ul
 RT: 10.269 min Scan# 1186
 Delta R.T. 0.006 min
 Lab File: BP016862.D
 Acq: 30 Aug 2023 08:40

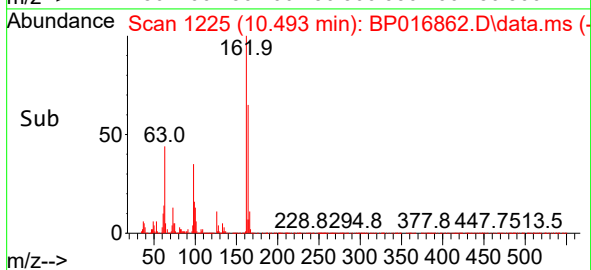
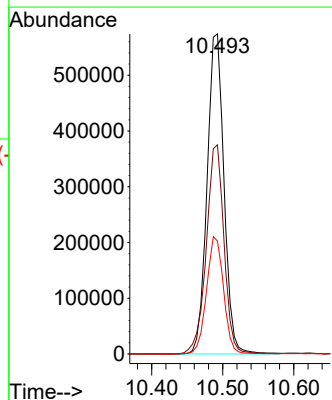
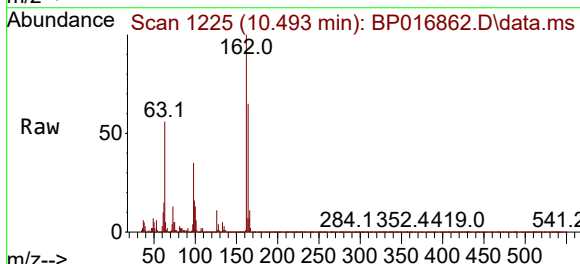
Instrument :
 BNA_P
 ClientSampleId :

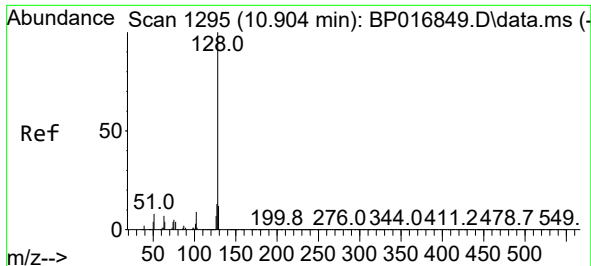
Tgt Ion: 93 Resp: 1549877
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.3 39.5
 123 11.2 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 33.914 ng/ul
 RT: 10.493 min Scan# 1225
 Delta R.T. 0.006 min
 Lab File: BP016862.D
 Acq: 30 Aug 2023 08:40

Tgt Ion:162 Resp: 952533
 Ion Ratio Lower Upper
 162 100
 164 65.3 52.2 78.2
 98 35.3 29.3 43.9

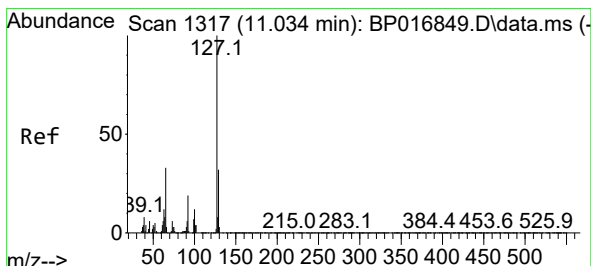
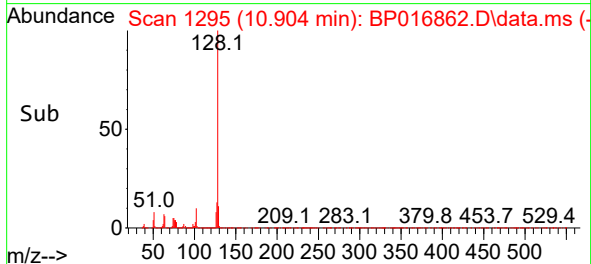
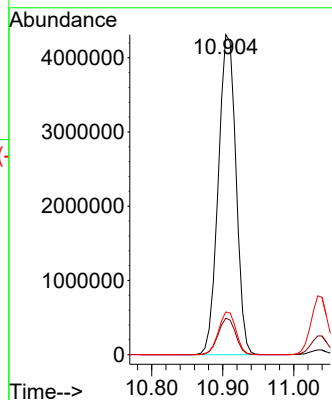
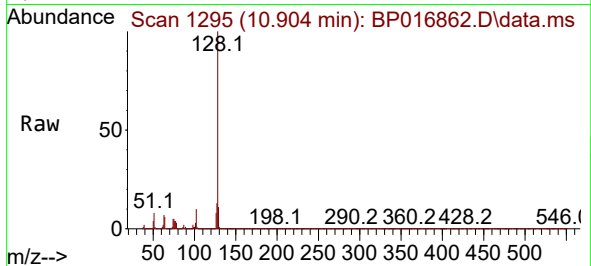




#30
Naphthalene
Concen: 76.211 ng/ul
RT: 10.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

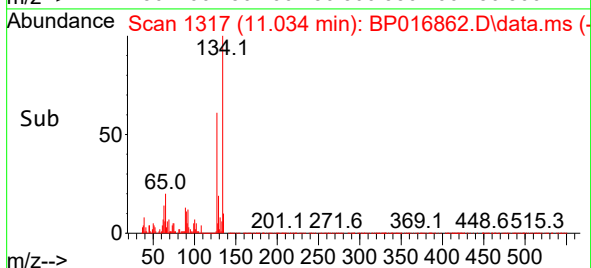
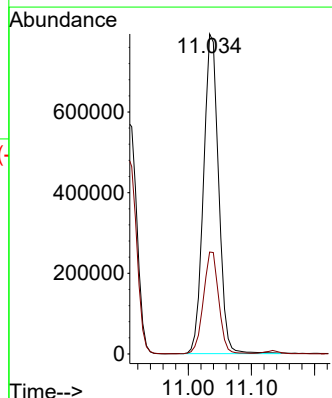
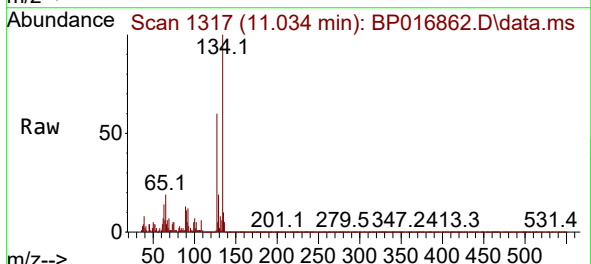
Instrument :
BNA_P
ClientSampleId :

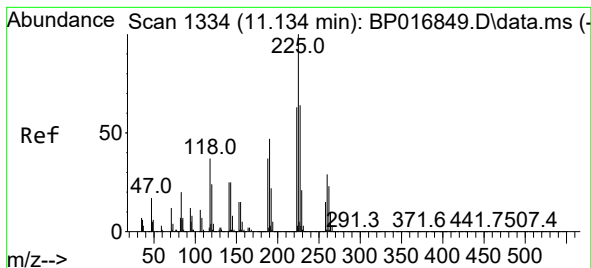
Tgt Ion:128 Resp: 7429289
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.3 15.5



#32
4-Chloroaniline
Concen: 31.218 ng/ul
RT: 11.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:127 Resp: 1315516
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9





#33

Hexachlorobutadiene

Concen: 30.851 ng/ul

RT: 11.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

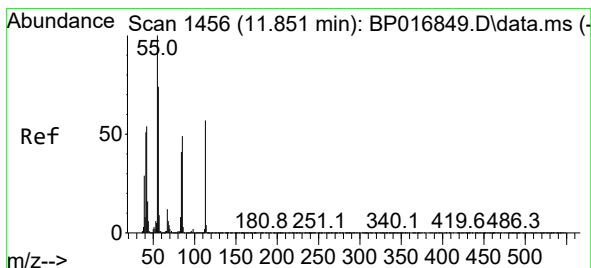
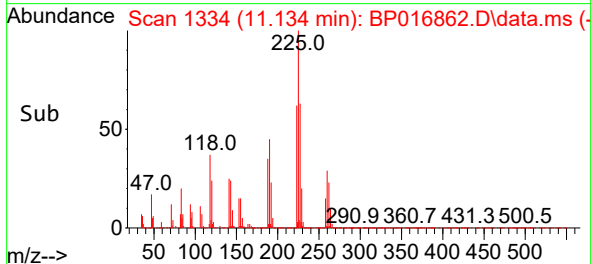
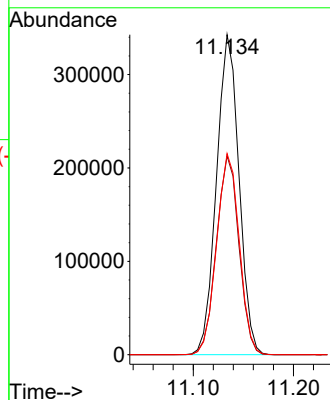
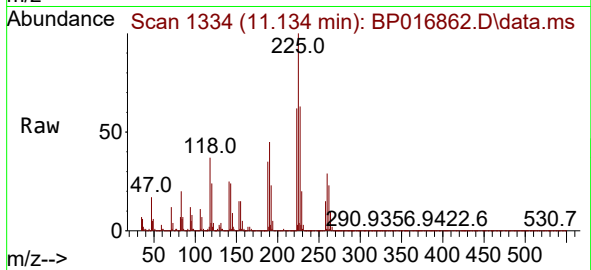
Tgt Ion:225 Resp: 533760

Ion Ratio Lower Upper

225 100

223 62.1 51.0 76.4

227 62.8 52.5 78.7



#34

Caprolactam

Concen: 5.119 ng/ul

RT: 11.875 min Scan# 1460

Delta R.T. 0.024 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

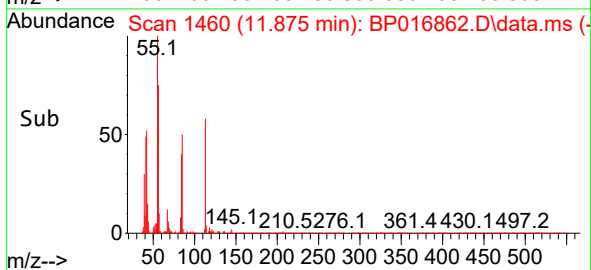
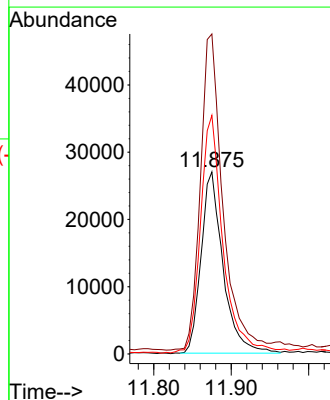
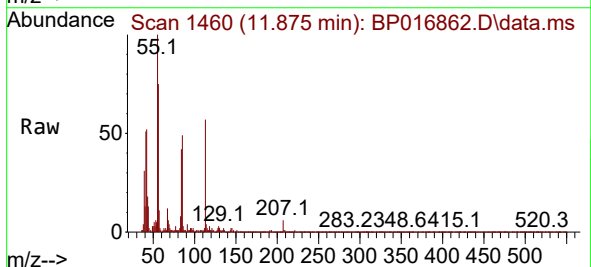
Tgt Ion:113 Resp: 53022

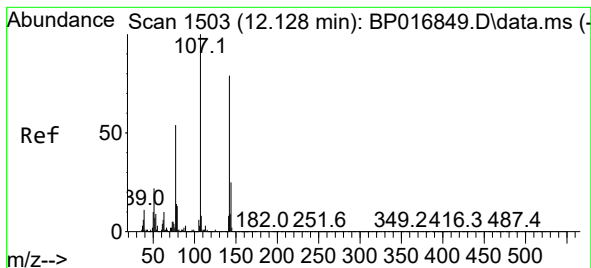
Ion Ratio Lower Upper

113 100

55 175.8 140.6 210.8

56 131.0 104.5 156.7

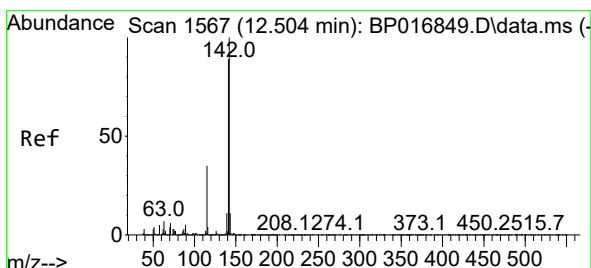
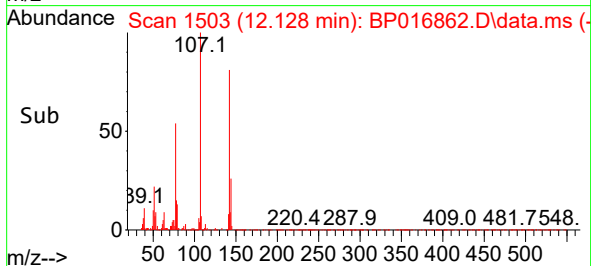
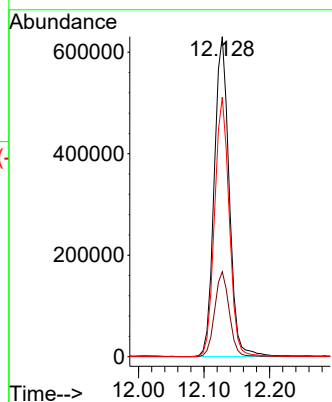
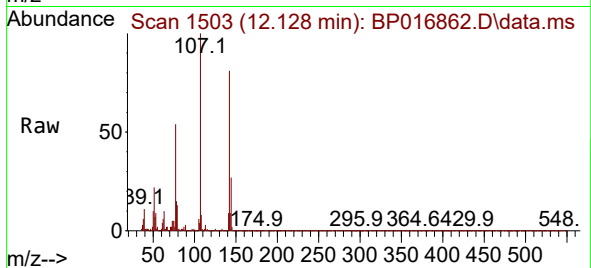




#35
4-Chloro-3-methylphenol
Concen: 31.594 ng/ul
RT: 12.128 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

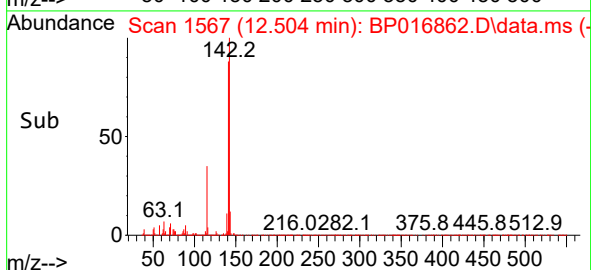
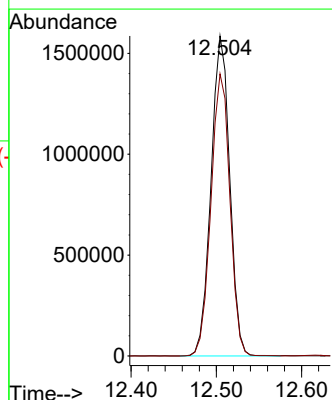
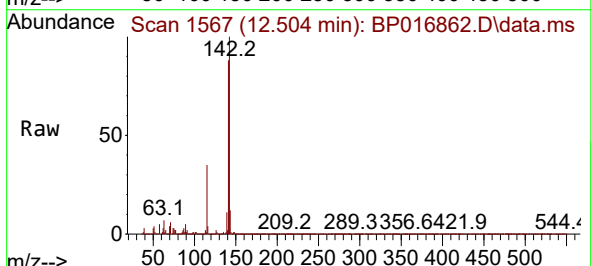
Instrument :
BNA_P
ClientSampleId :

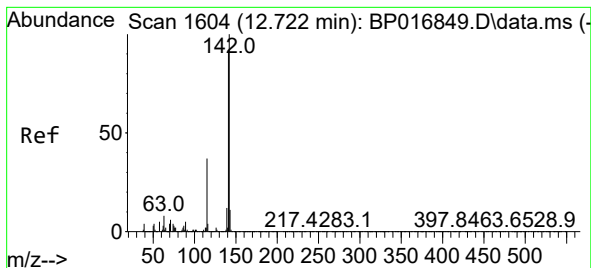
Tgt Ion:107 Resp: 995100
Ion Ratio Lower Upper
107 100
144 26.6 20.6 31.0
142 81.1 63.7 95.5



#36
2-Methylnaphthalene
Concen: 35.937 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:142 Resp: 2418089
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0





#37

1-Methylnaphthalene

Concen: 37.254 ng/ul

RT: 12.722 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

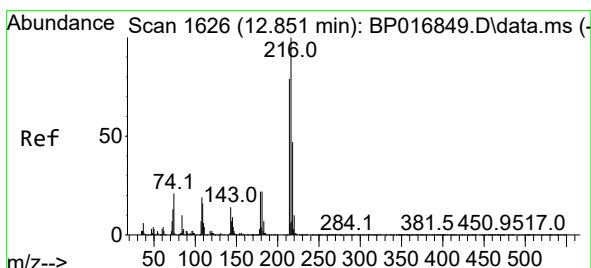
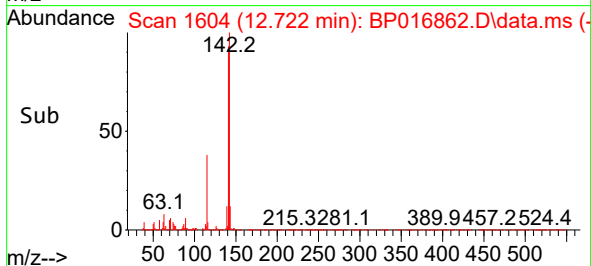
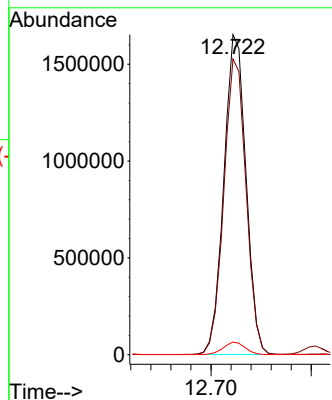
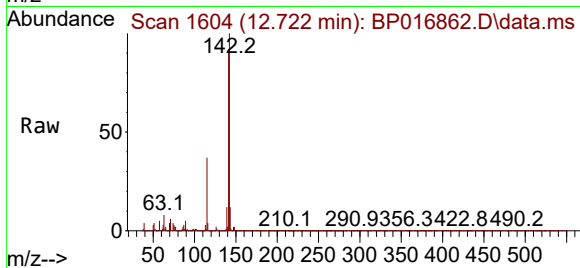
Tgt Ion:142 Resp: 2527824

Ion Ratio Lower Upper

142 100

141 92.4 73.0 109.4

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.044 ng/ul

RT: 12.851 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Tgt Ion:216 Resp: 1180741

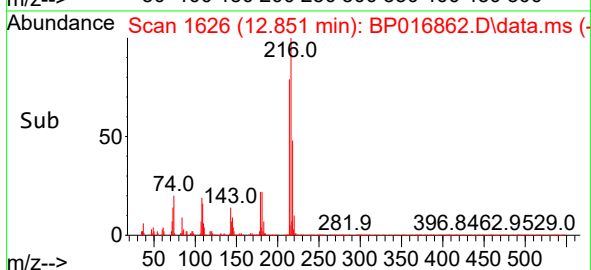
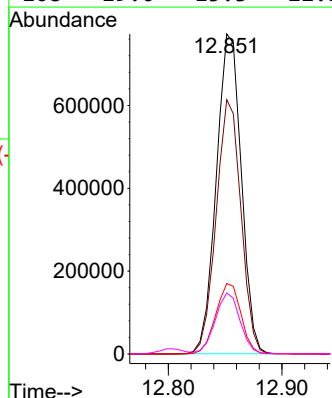
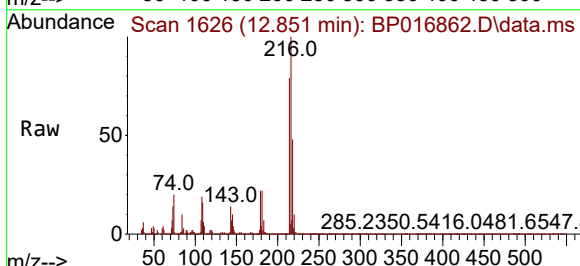
Ion Ratio Lower Upper

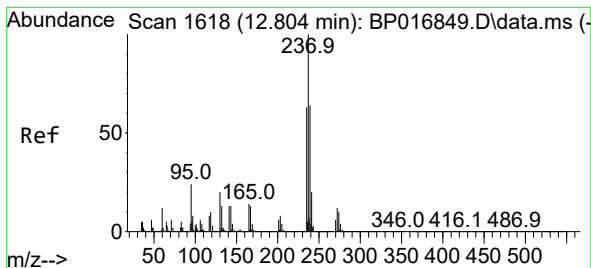
216 100

214 79.5 63.4 95.2

179 22.0 17.4 26.2

108 19.0 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 19.000 ng/ul

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

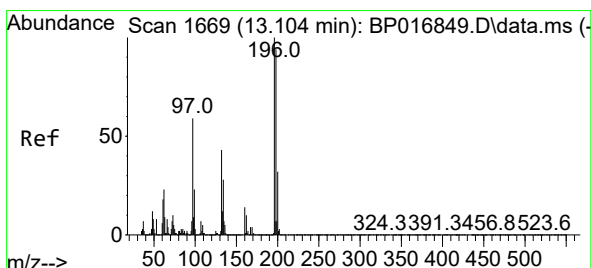
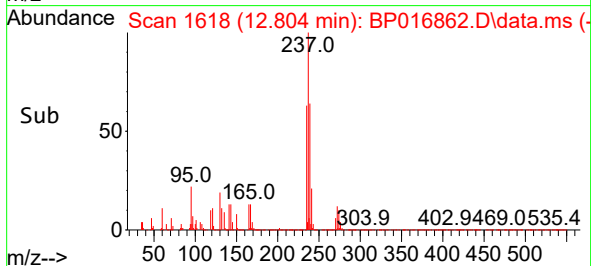
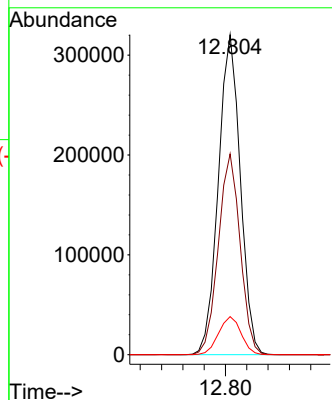
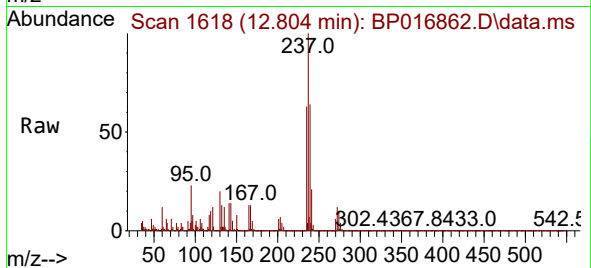
Tgt Ion:237 Resp: 457721

Ion Ratio Lower Upper

237 100

235 62.7 51.3 76.9

272 11.9 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 39.689 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

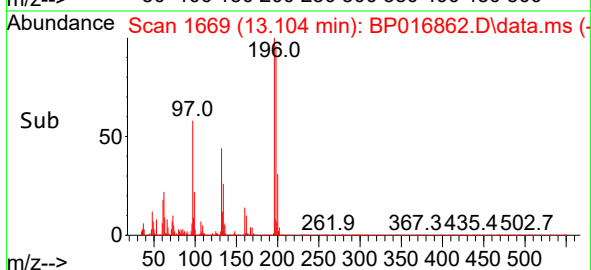
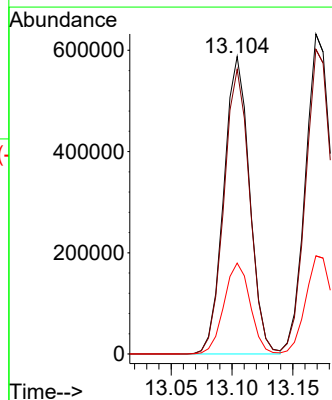
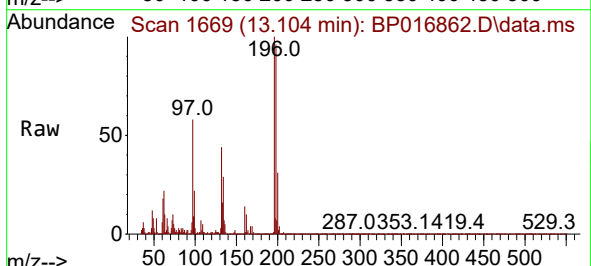
Tgt Ion:196 Resp: 868208

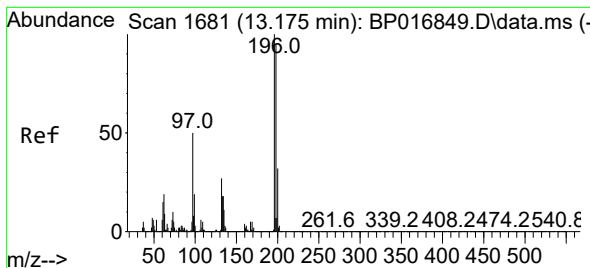
Ion Ratio Lower Upper

196 100

198 95.7 76.6 115.0

200 30.6 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 39.856 ng/ul

RT: 13.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

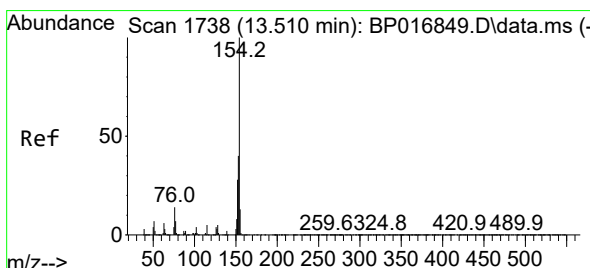
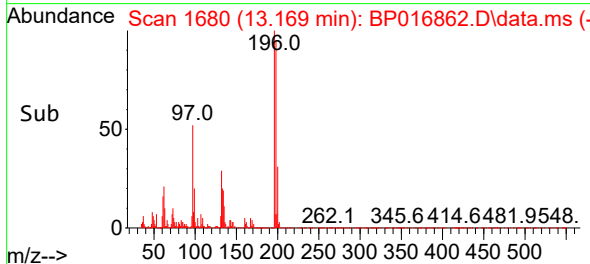
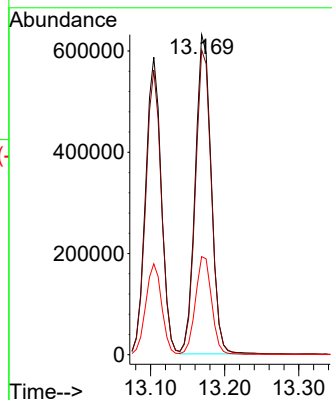
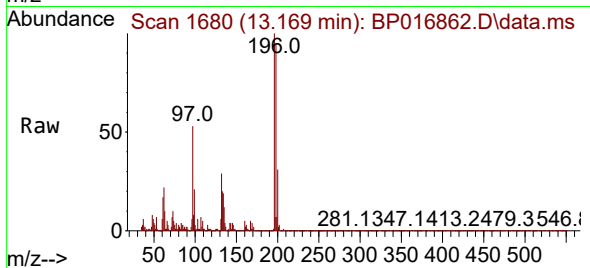
Tgt Ion:196 Resp: 943431

Ion Ratio Lower Upper

196 100

198 95.2 77.8 116.8

200 30.7 24.8 37.2



#43

1,1'-Biphenyl

Concen: 38.546 ng/ul

RT: 13.510 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

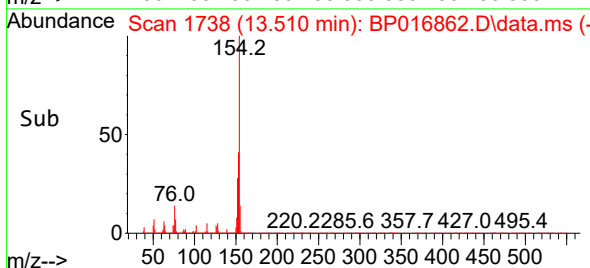
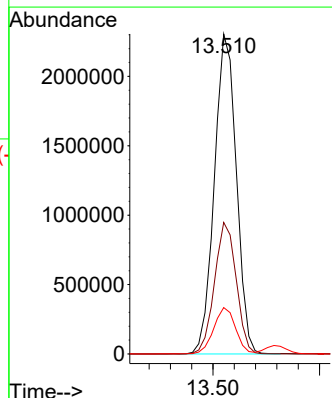
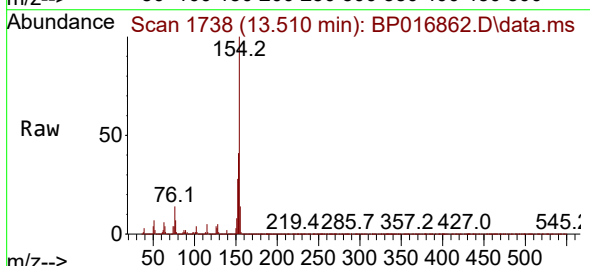
Tgt Ion:154 Resp: 3293913

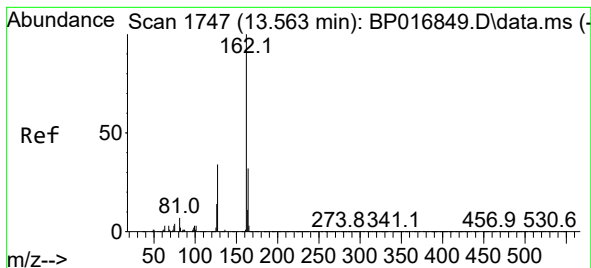
Ion Ratio Lower Upper

154 100

153 41.1 32.7 49.1

76 14.5 11.3 16.9





#44

2-Chloronaphthalene

Concen: 38.393 ng/ul

RT: 13.557 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

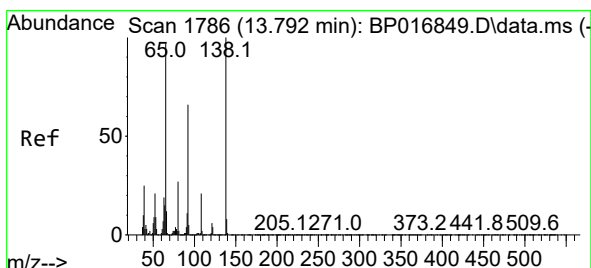
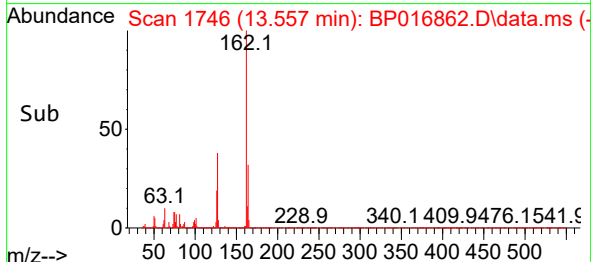
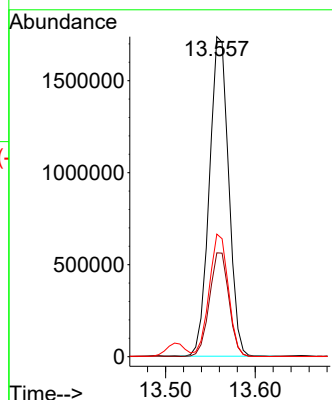
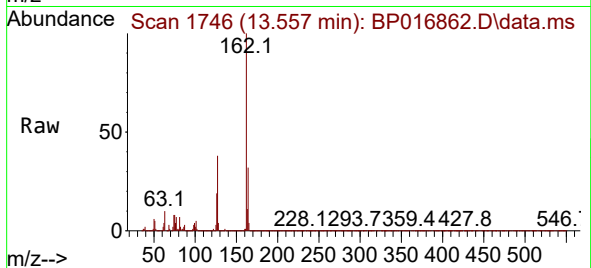
Tgt Ion:162 Resp: 2589951

Ion Ratio Lower Upper

162 100

164 32.5 26.1 39.1

127 38.3 30.8 46.2



#45

2-Nitroaniline

Concen: 43.232 ng/ul

RT: 13.792 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

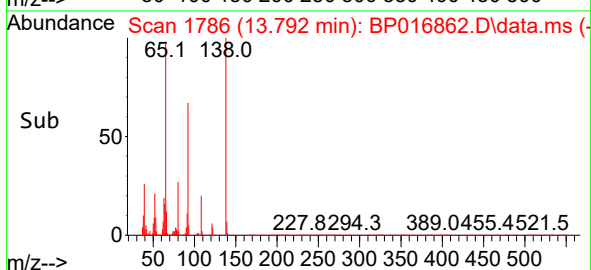
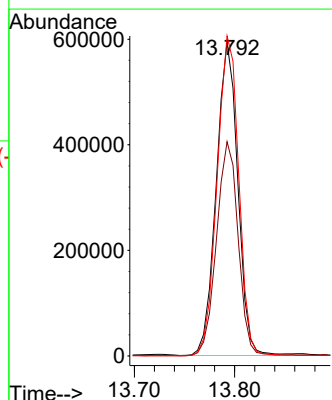
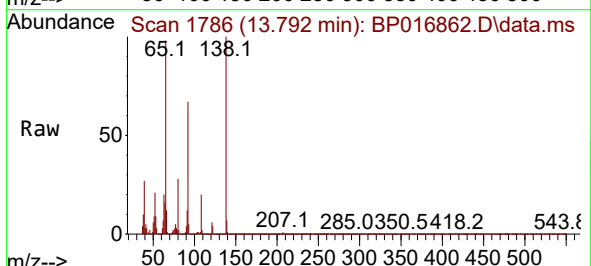
Tgt Ion: 65 Resp: 884466

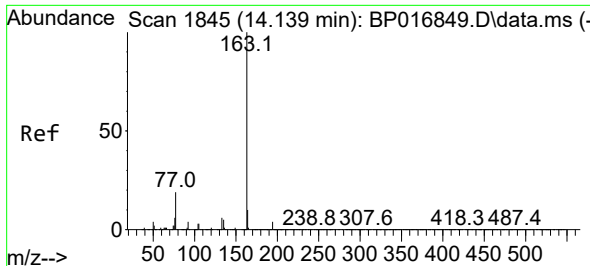
Ion Ratio Lower Upper

65 100

92 68.3 53.8 80.8

138 102.0 80.7 121.1

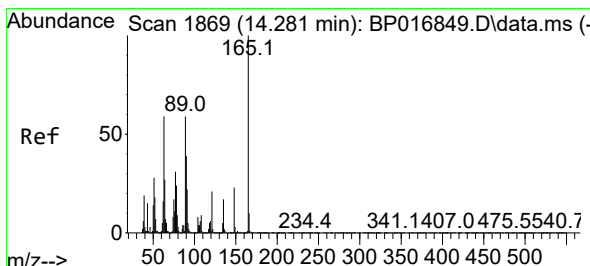
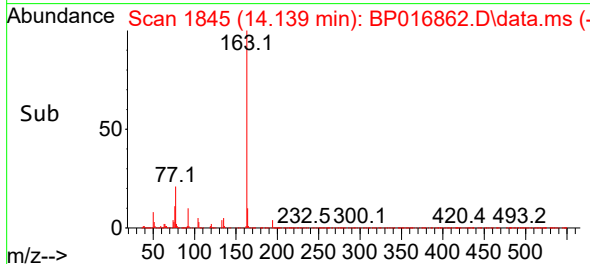
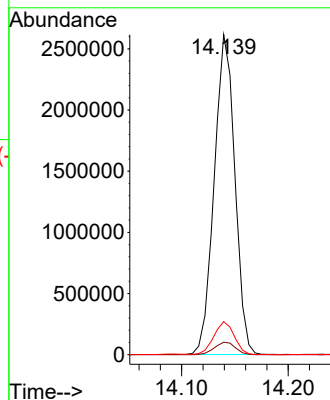
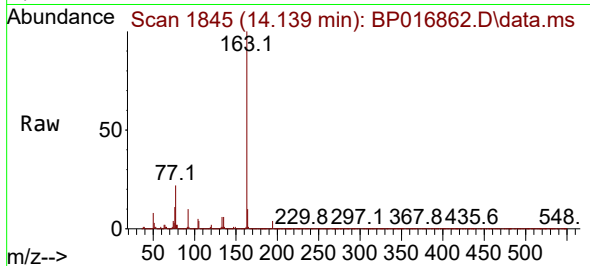




#47
Dimethylphthalate
Concen: 40.028 ng/ul
RT: 14.139 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

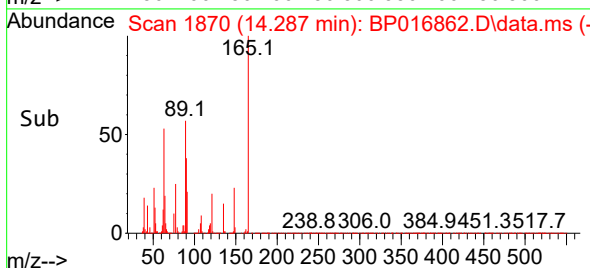
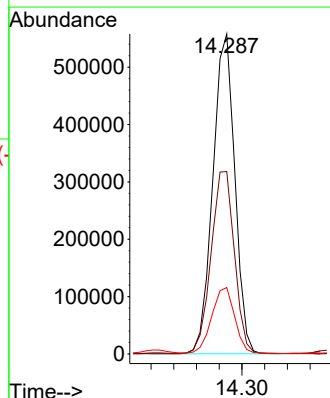
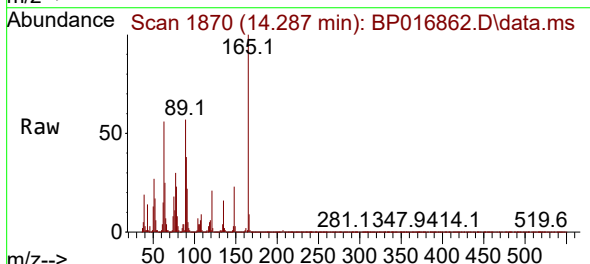
Instrument :
BNA_P
ClientSampleId :

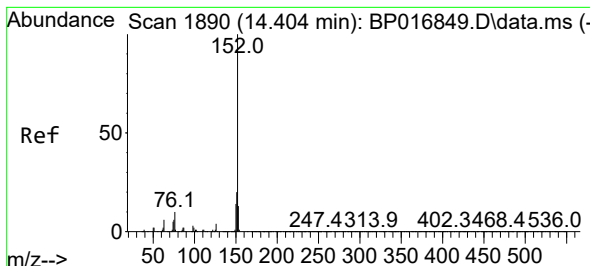
Tgt Ion:163 Resp: 3513760
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 43.534 ng/ul
RT: 14.287 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:165 Resp: 748814
Ion Ratio Lower Upper
165 100
89 57.0 48.0 72.0
121 20.8 16.9 25.3





#50

Acenaphthylene

Concen: 37.965 ng/ul

RT: 14.410 min Scan# 1891

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

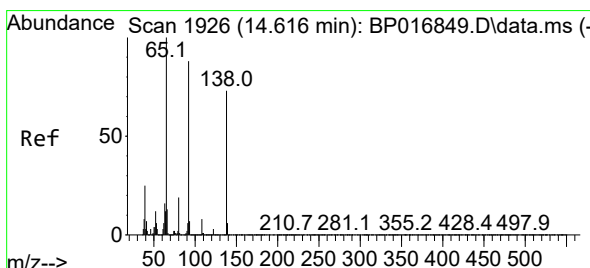
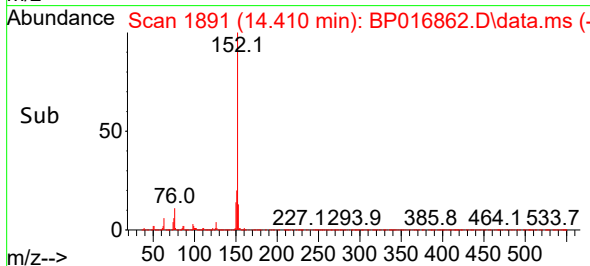
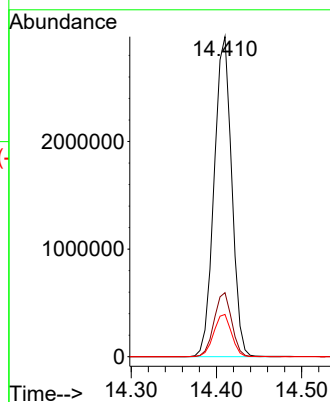
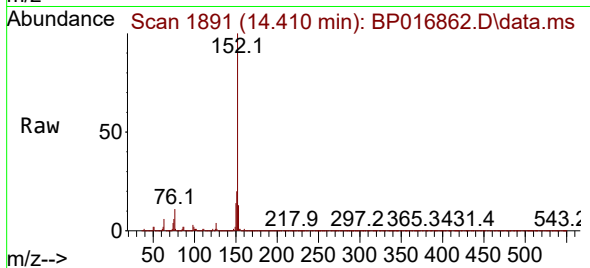
Tgt Ion:152 Resp: 4257803

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.2 10.6 15.8



#51

3-Nitroaniline

Concen: 40.675 ng/ul

RT: 14.622 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

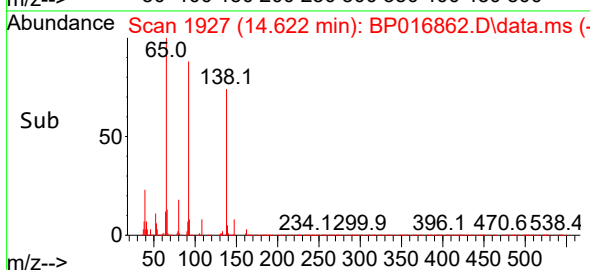
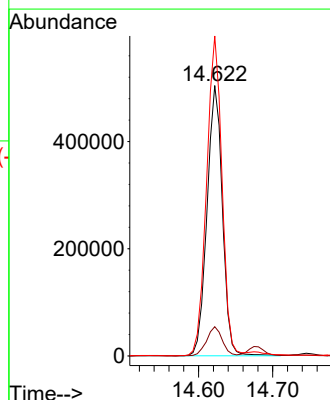
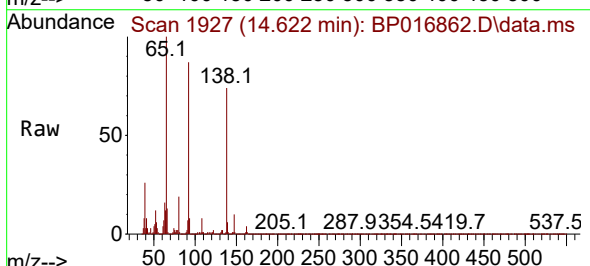
Tgt Ion:138 Resp: 728542

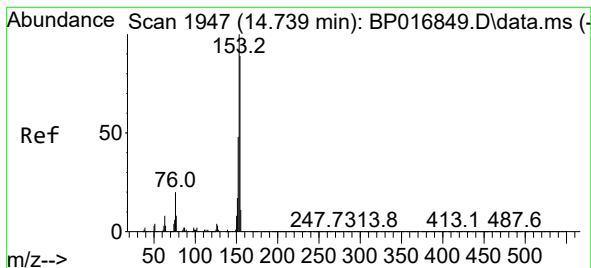
Ion Ratio Lower Upper

138 100

108 10.8 8.2 12.4

92 118.3 95.4 143.0





#52

Acenaphthene

Concen: 82.866 ng/ul

RT: 14.745 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

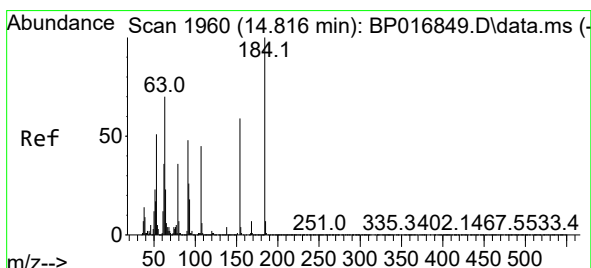
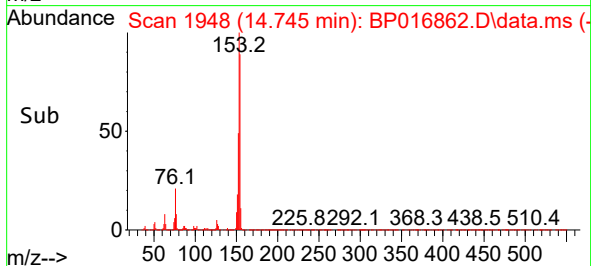
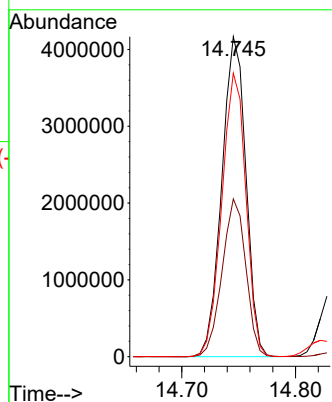
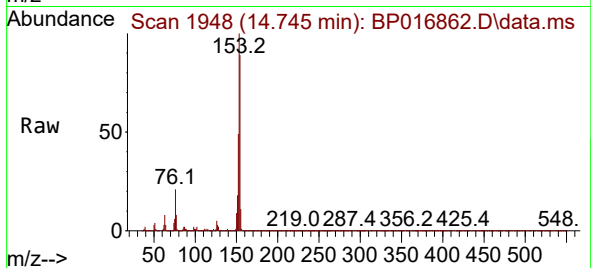
Tgt Ion:153 Resp: 6148253

Ion Ratio Lower Upper

153 100

152 49.3 38.5 57.7

154 88.6 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 28.269 ng/ul

RT: 14.816 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

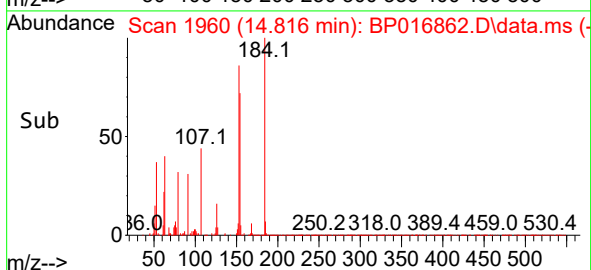
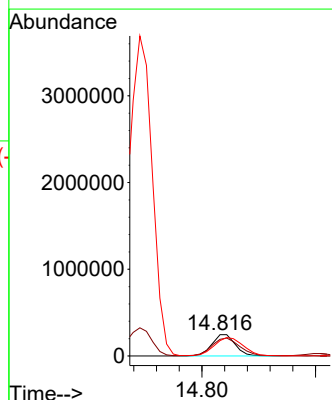
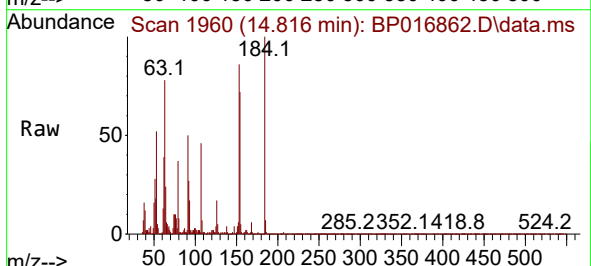
Tgt Ion:184 Resp: 353327

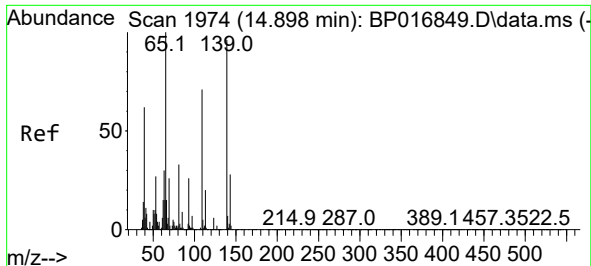
Ion Ratio Lower Upper

184 100

63 78.2 55.3 82.9

154 71.8 50.3 75.5

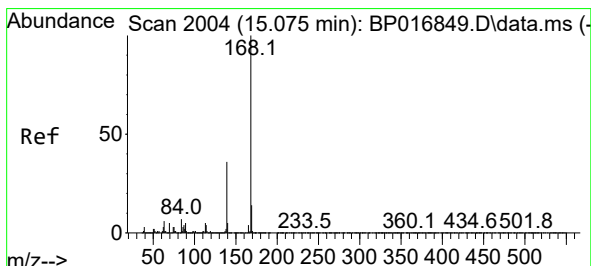
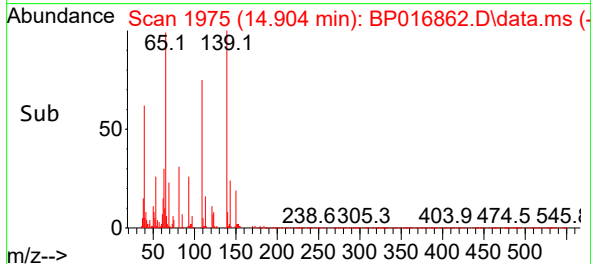
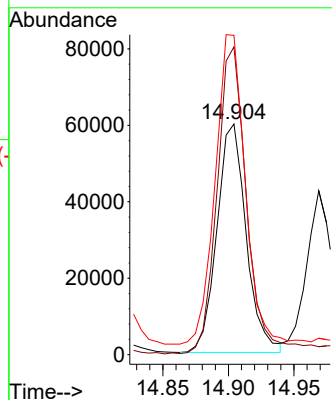
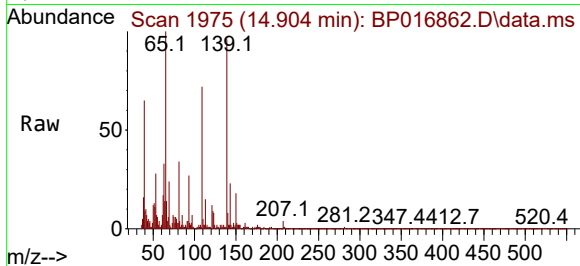




#55
4-Nitrophenol
Concen: 6.858 ng/ul
RT: 14.904 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

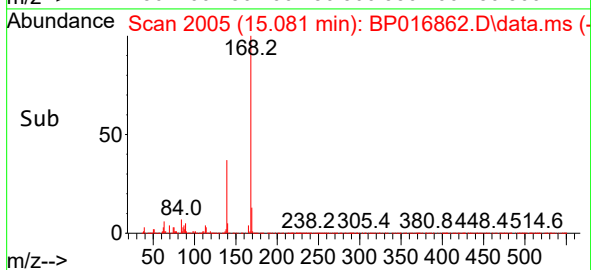
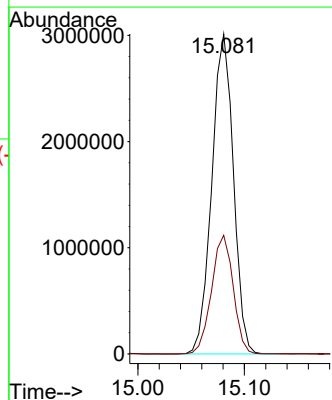
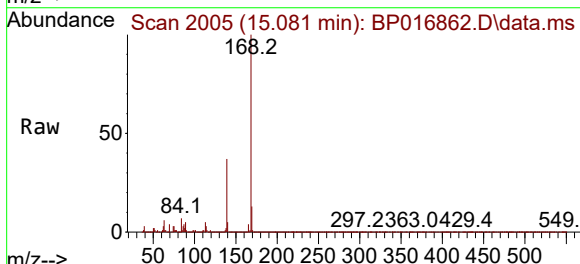
Instrument :
BNA_P
ClientSampleId :

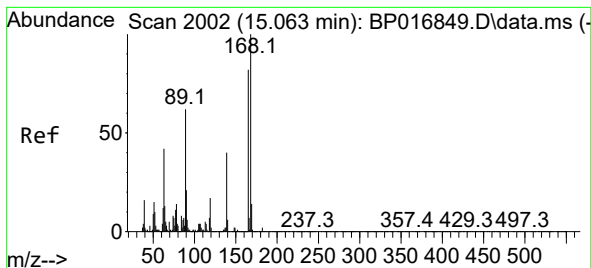
Tgt Ion:109 Resp: 92783
Ion Ratio Lower Upper
109 100
139 133.4 108.6 163.0
65 138.4 107.8 161.6



#56
Dibenzofuran
Concen: 41.595 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:168 Resp: 4234549
Ion Ratio Lower Upper
168 100
139 37.1 29.2 43.8





#57

2,4-Dinitrotoluene

Concen: 42.595 ng/ul

RT: 15.063 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

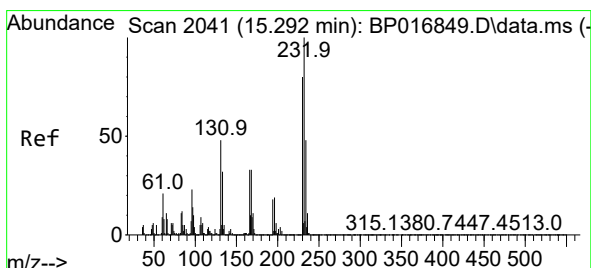
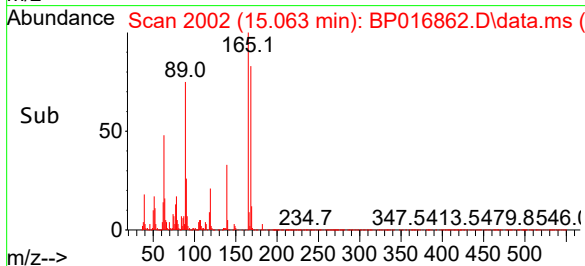
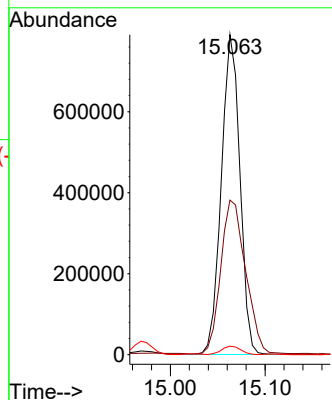
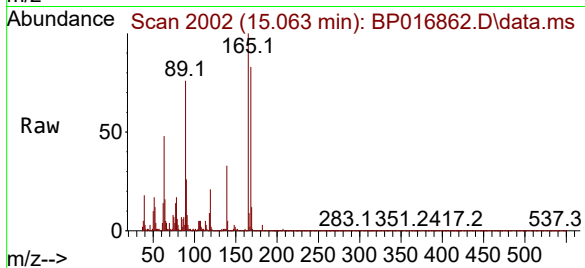
Tgt Ion:165 Resp: 1078406

Ion Ratio Lower Upper

165 100

63 48.3 39.0 58.4

182 2.6 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.133 ng/ul

RT: 15.292 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Tgt Ion:232 Resp: 828922

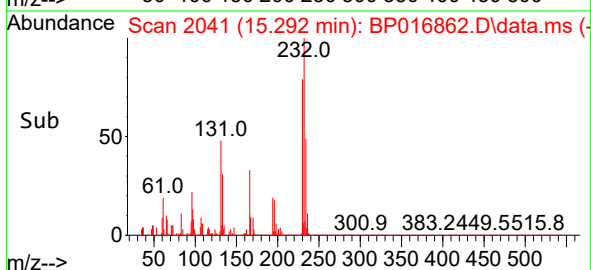
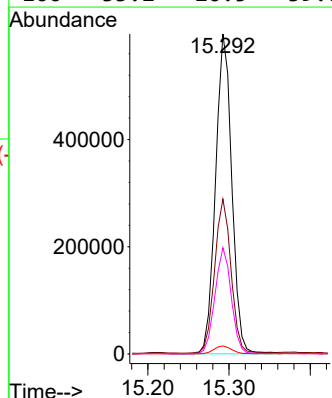
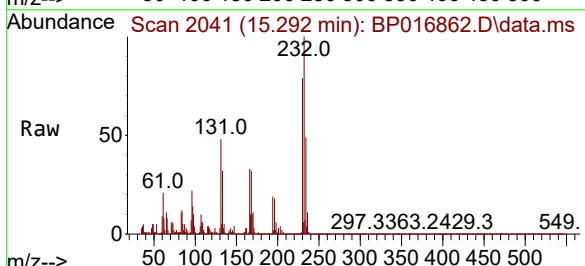
Ion Ratio Lower Upper

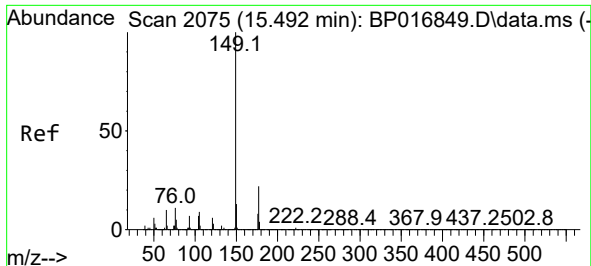
232 100

131 48.4 38.1 57.1

130 2.5 1.9 2.9

166 33.2 26.5 39.7

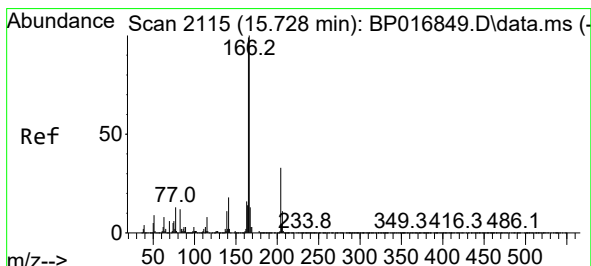
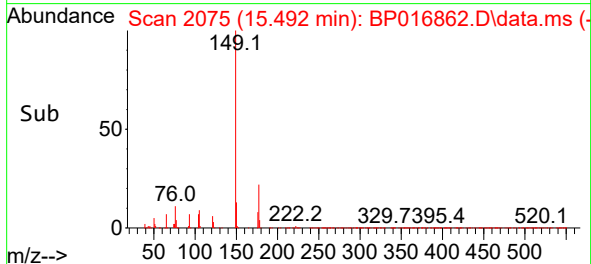
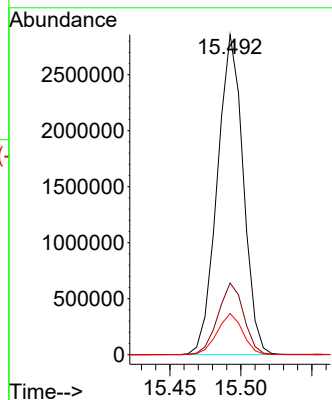
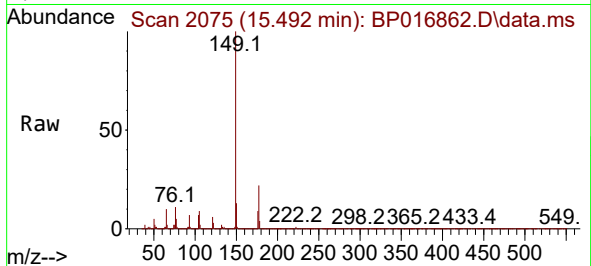




#59
Diethylphthalate
Concen: 40.650 ng/ul
RT: 15.492 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

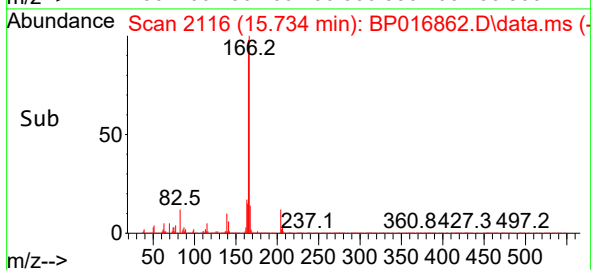
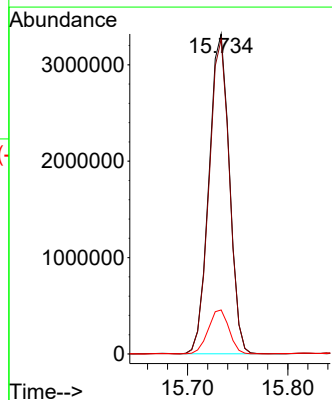
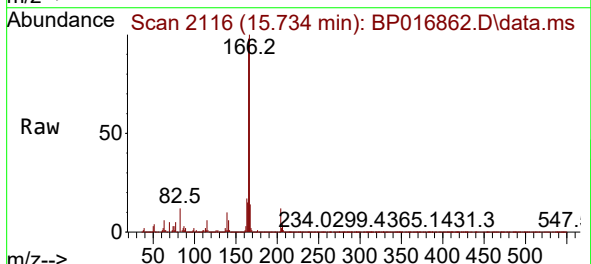
Instrument :
BNA_P
ClientSampleId :

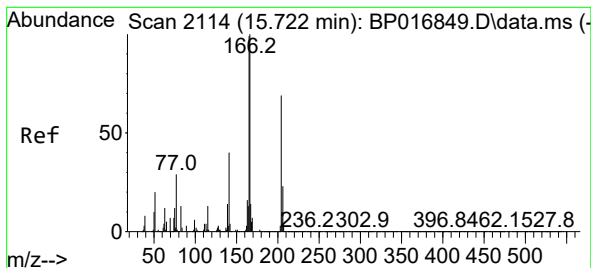
Tgt Ion:149 Resp: 3625010
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 12.9 10.2 15.2



#61
Fluorene
Concen: 55.311 ng/ul
RT: 15.734 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:166 Resp: 4709873
Ion Ratio Lower Upper
166 100
165 98.3 78.8 118.2
167 13.8 10.9 16.3

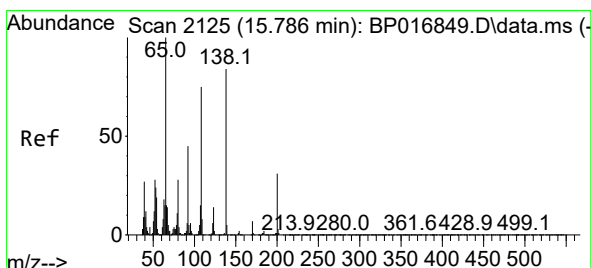
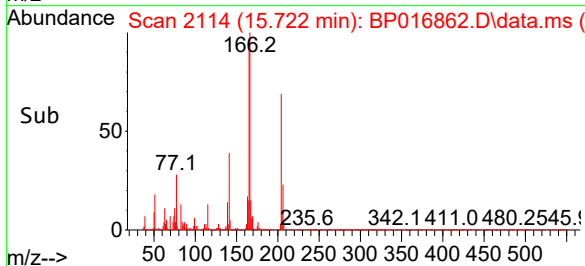
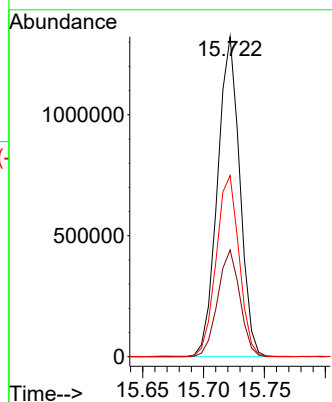
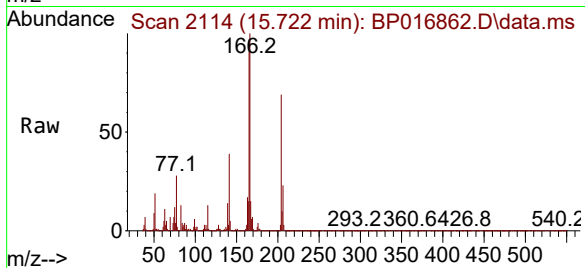




#62
4-Chlorophenyl-phenylether
Concen: 40.261 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

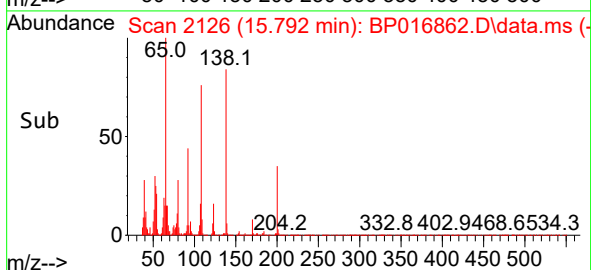
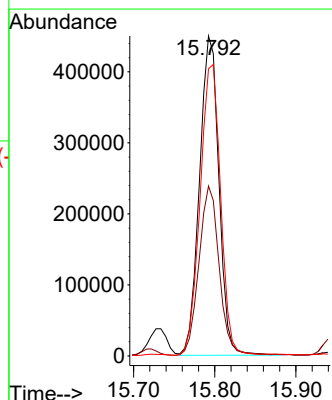
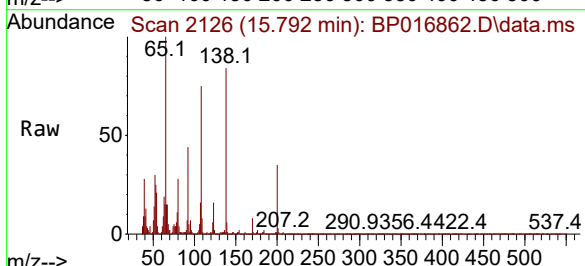
Instrument :
BNA_P
ClientSampleId :

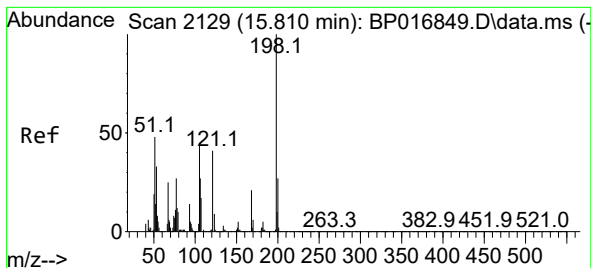
Tgt Ion:204 Resp: 1683195
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 56.6 46.8 70.2



#63
4-Nitroaniline
Concen: 43.847 ng/ul
RT: 15.792 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:138 Resp: 747292
Ion Ratio Lower Upper
138 100
92 53.1 41.6 62.4
108 89.8 74.9 112.3

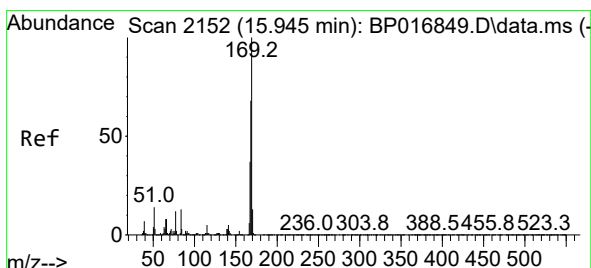
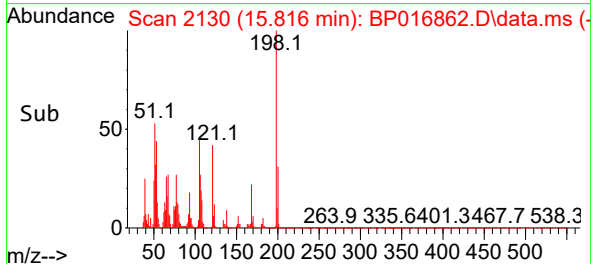
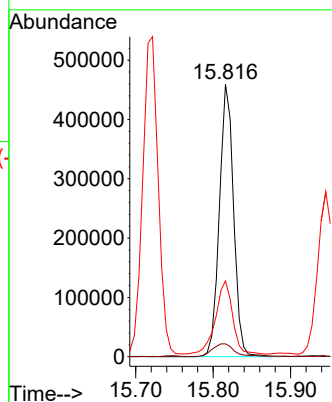
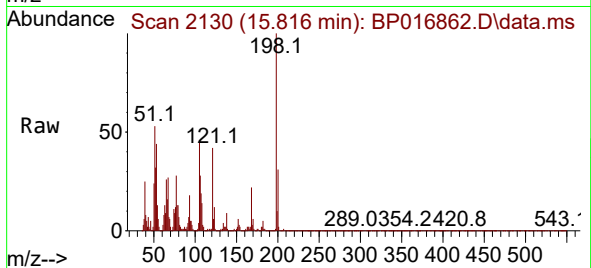




#66
4,6-Dinitro-2-methylphenol
Concen: 35.964 ng/ul
RT: 15.816 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

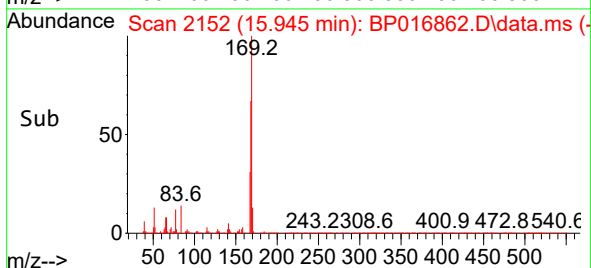
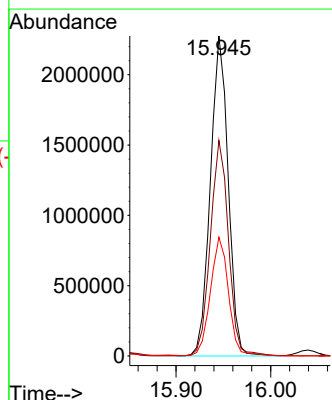
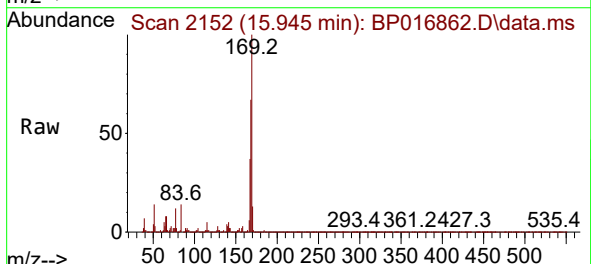
Instrument :
BNA_P
ClientSampleId :

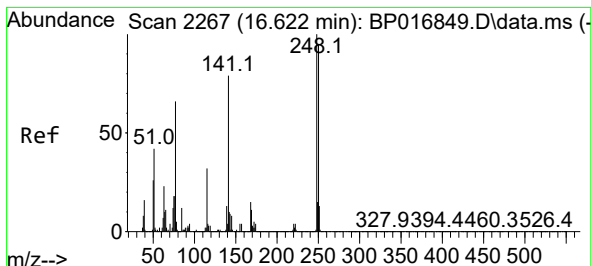
Tgt Ion:198 Resp: 584098
Ion Ratio Lower Upper
198 100
182 4.7 3.2 4.8
77 27.8 20.7 31.1



#67
N-Nitrosodiphenylamine
Concen: 42.586 ng/ul
RT: 15.945 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:169 Resp: 2979433
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.2
167 37.1 29.4 44.2

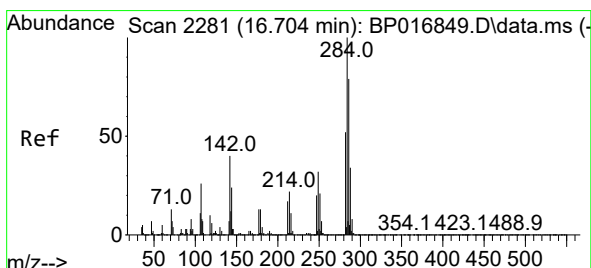
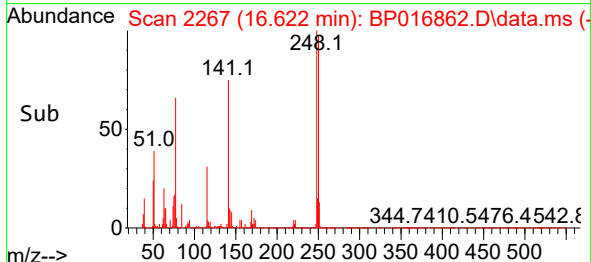
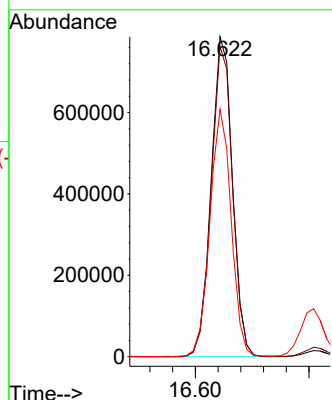
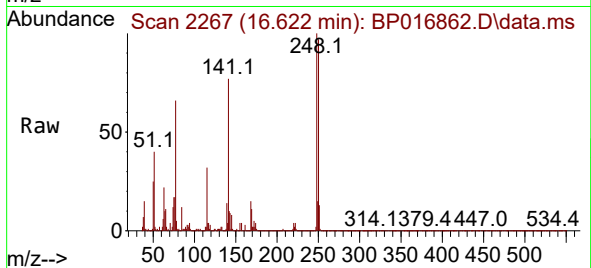




#68
4-Bromophenyl-phenylether
Concen: 42.170 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

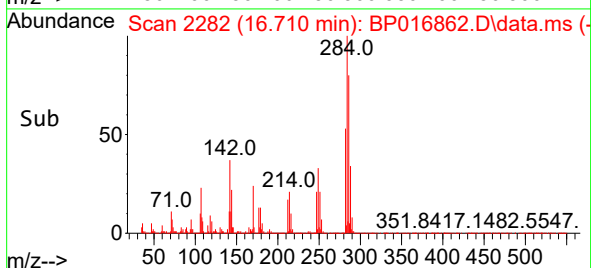
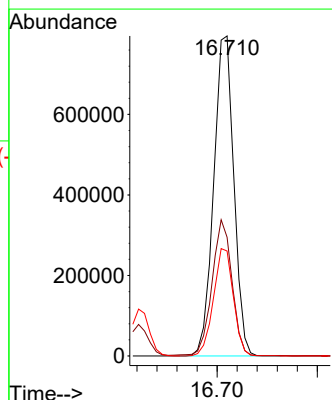
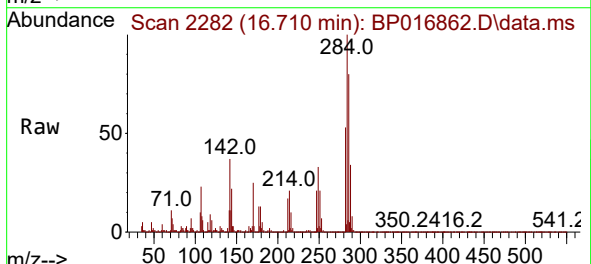
Instrument :
BNA_P
ClientSampleId :

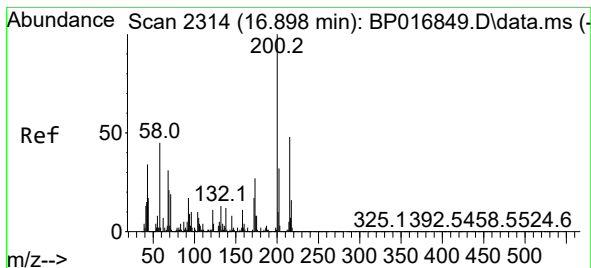
Tgt Ion:248 Resp: 1022712
Ion Ratio Lower Upper
248 100
250 97.0 75.4 113.2
141 77.3 58.7 88.1



#69
Hexachlorobenzene
Concen: 40.758 ng/ul
RT: 16.710 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:284 Resp: 1106741
Ion Ratio Lower Upper
284 100
142 37.1 29.8 44.8
249 32.8 25.9 38.9





#70

Atrazine

Concen: 39.805 ng/ul

RT: 16.904 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

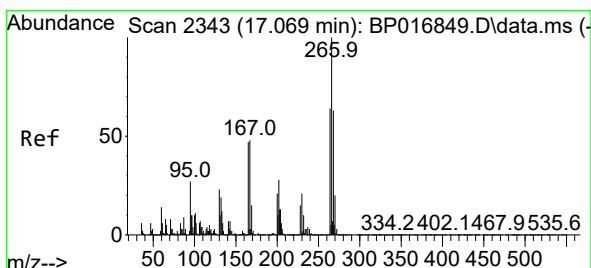
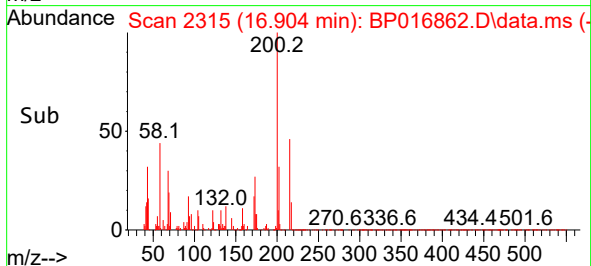
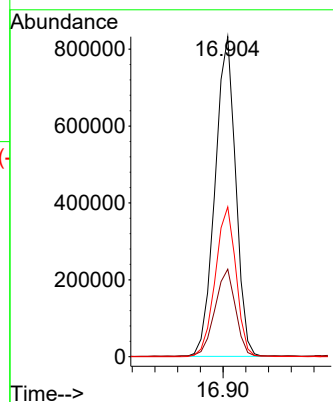
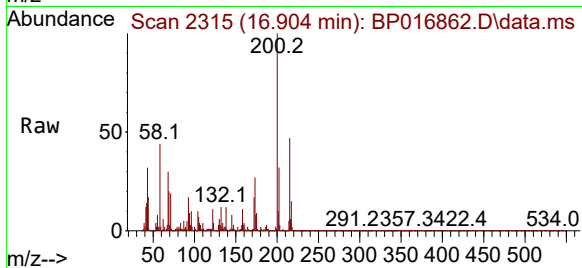
Tgt Ion:200 Resp: 1049905

Ion Ratio Lower Upper

200 100

173 27.4 21.4 32.2

215 46.8 37.3 55.9



#71

Pentachlorophenol

Concen: 35.583 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

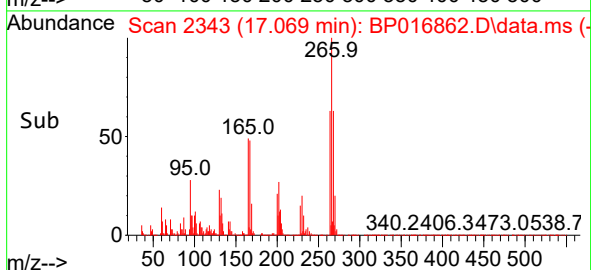
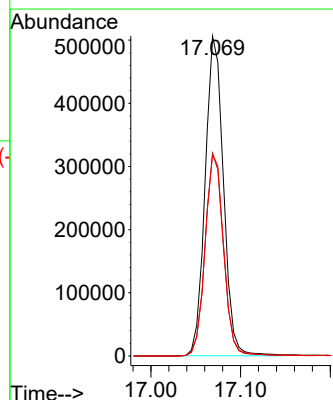
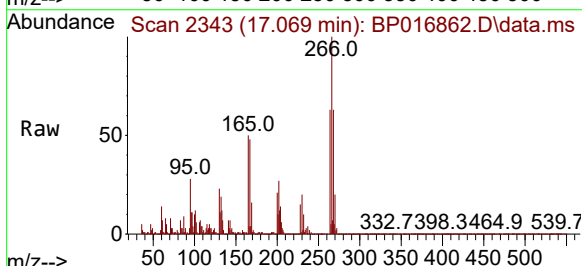
Tgt Ion:266 Resp: 717235

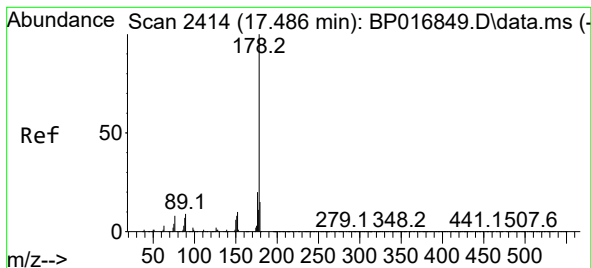
Ion Ratio Lower Upper

266 100

264 63.3 50.7 76.1

268 63.0 50.8 76.2





#72

Phenanthrene

Concen: 41.924 ng/ul

RT: 17.492 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

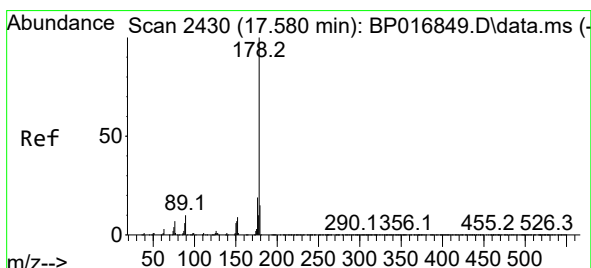
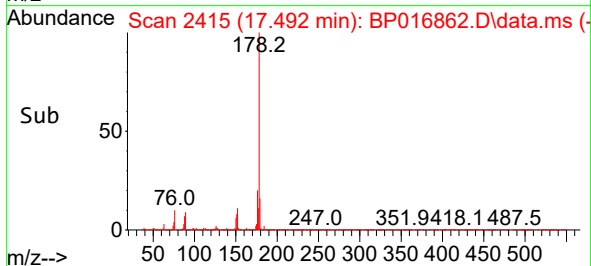
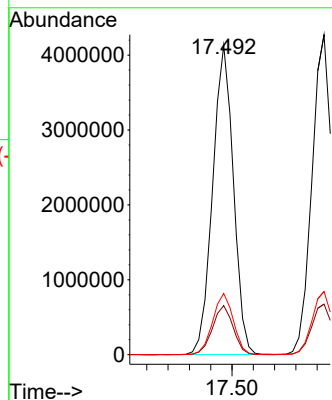
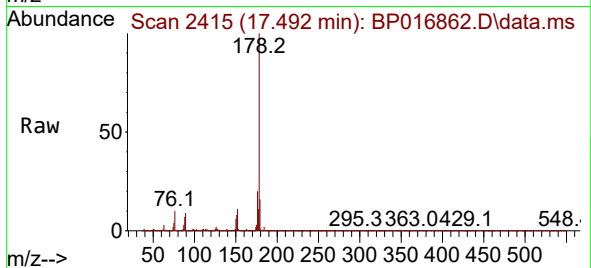
Tgt Ion:178 Resp: 5582967

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.8 15.6 23.4



#74

Anthracene

Concen: 41.771 ng/ul

RT: 17.586 min Scan# 2431

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

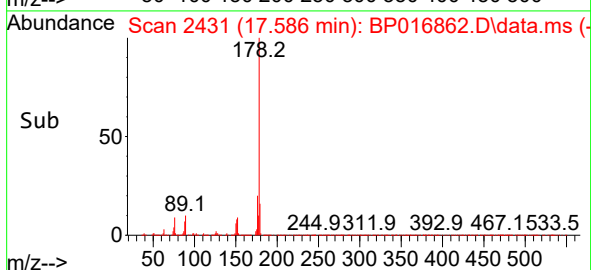
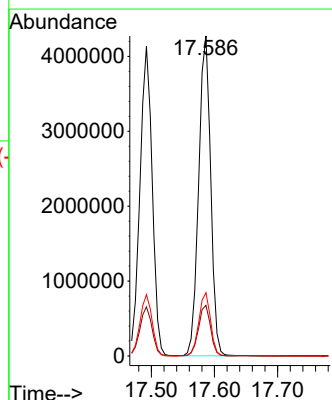
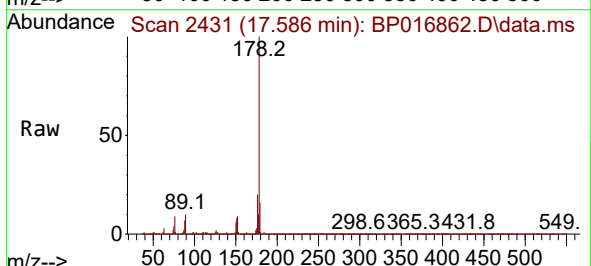
Tgt Ion:178 Resp: 5624446

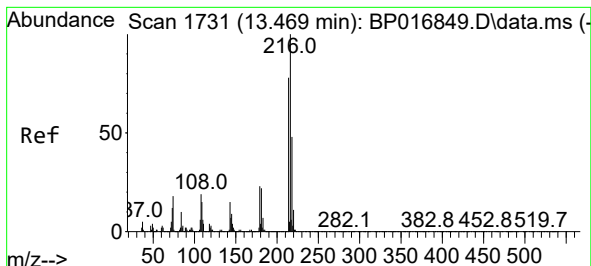
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.8 15.3 22.9

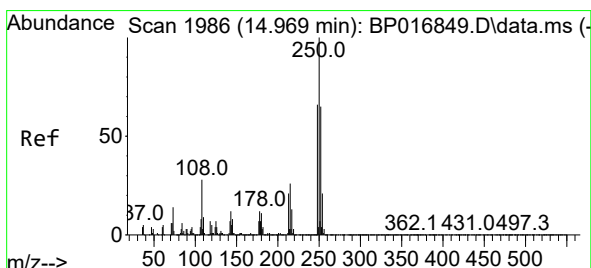
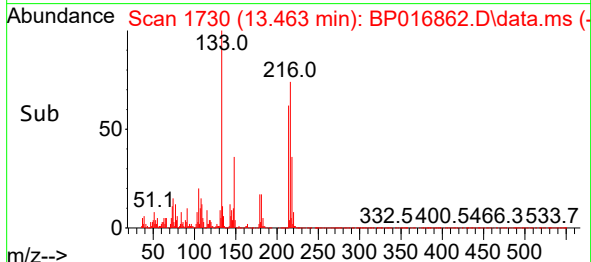
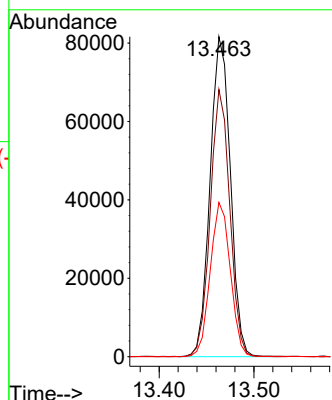
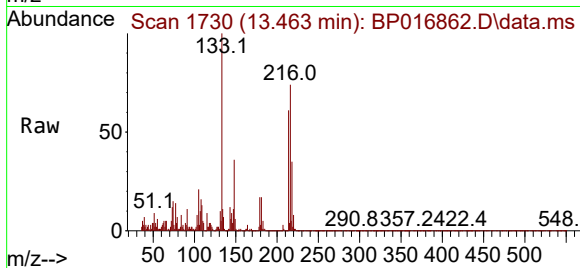




#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.583 ng/uL
RT: 13.463 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

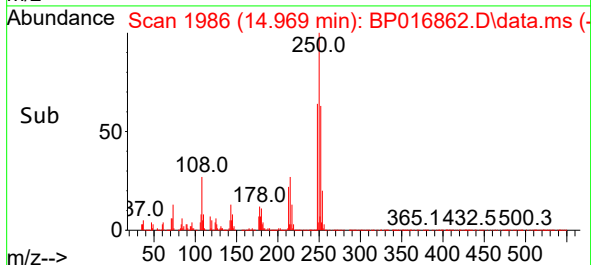
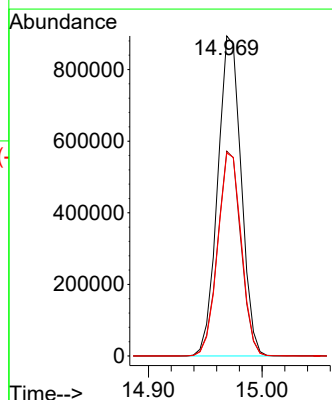
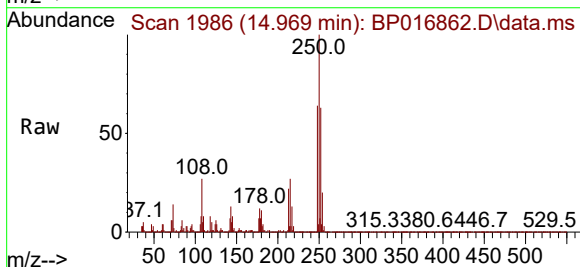
Instrument :
BNA_P
ClientSampleId :

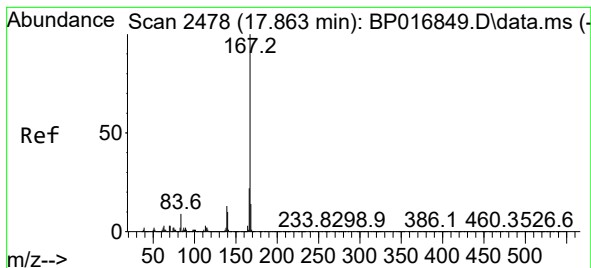
Tgt Ion:216 Resp: 121362
Ion Ratio Lower Upper
216 100
214 83.5 64.0 96.0
218 48.2 38.2 57.2



#76
Pentachlorobenzene
Concen: 42.424 ng/uL
RT: 14.969 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:250 Resp: 1284105
Ion Ratio Lower Upper
250 100
248 64.0 50.9 76.3
252 63.4 52.2 78.4





#77

Carbazole

Concen: 70.527 ng/ul

RT: 17.869 min Scan# 2478

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

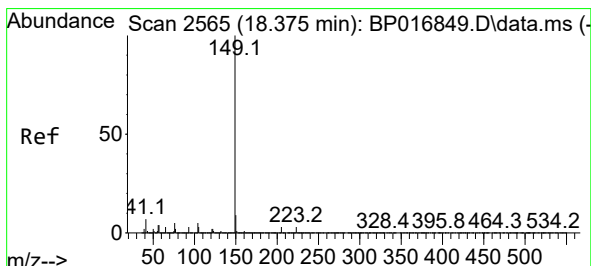
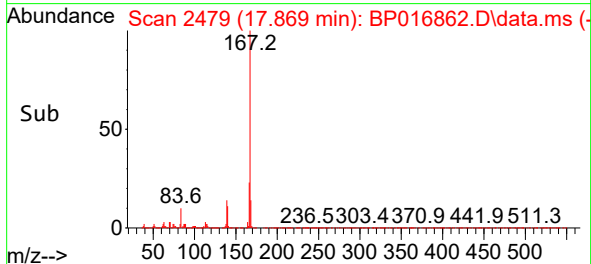
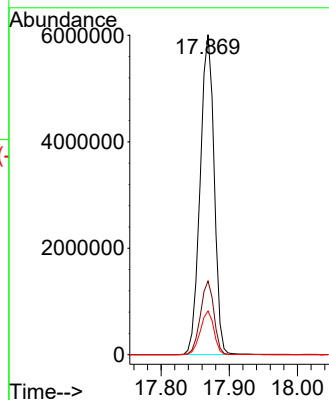
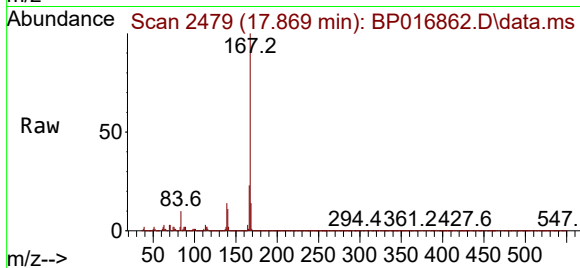
Tgt Ion:167 Resp: 8552822

Ion Ratio Lower Upper

167 100

166 23.0 17.4 26.2

139 13.6 10.4 15.6



#78

Di-n-butylphthalate

Concen: 43.309 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

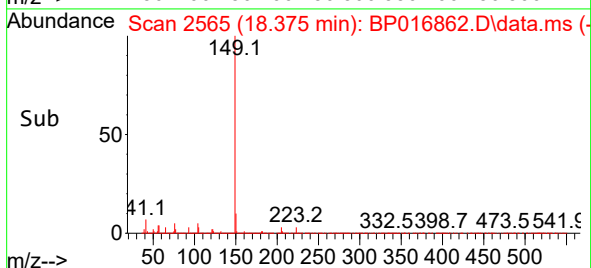
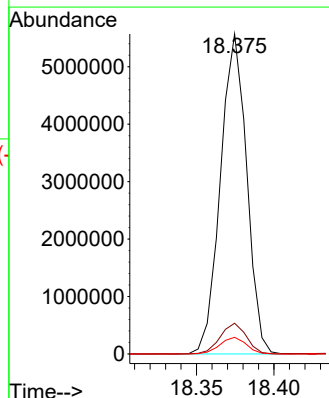
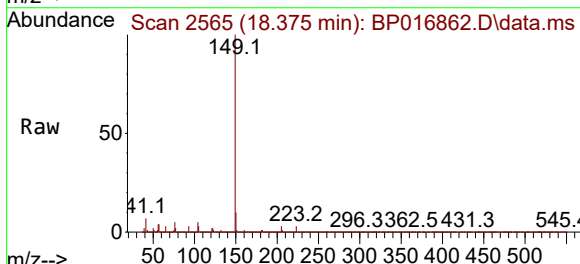
Tgt Ion:149 Resp: 6552583

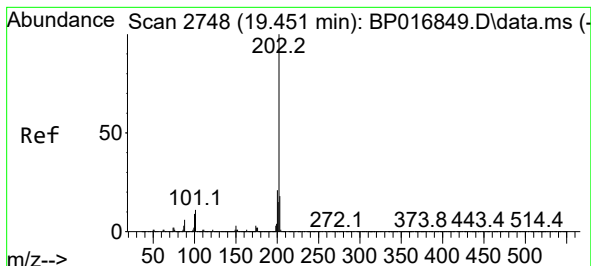
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.2 4.1 6.1





#80

Fluoranthene

Concen: 48.754 ng/ul

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

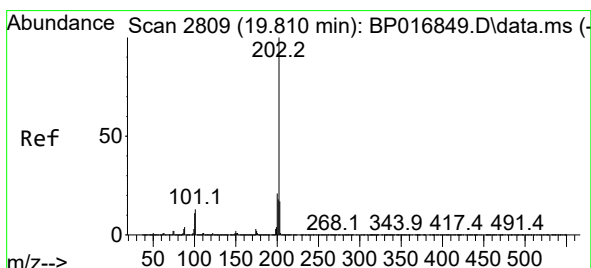
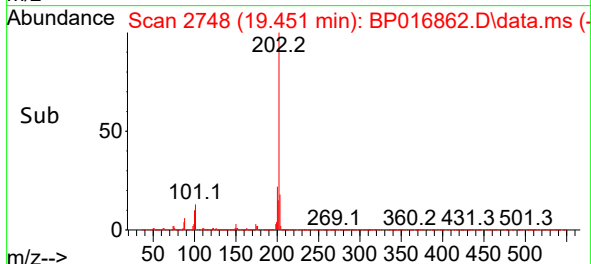
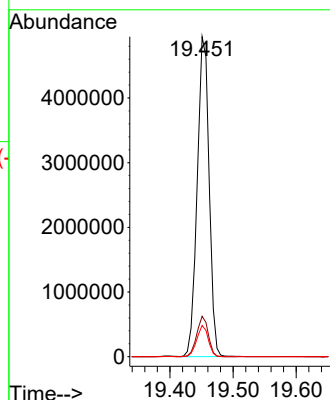
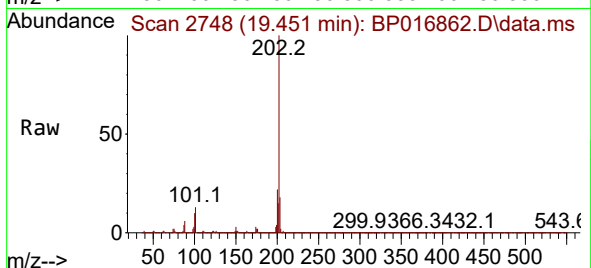
Tgt Ion:202 Resp: 6465425

Ion Ratio Lower Upper

202 100

101 12.6 9.7 14.5

100 9.8 7.4 11.2



#82

Pyrene

Concen: 47.713 ng/ul

RT: 19.810 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

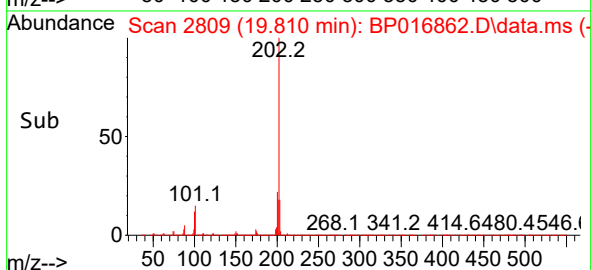
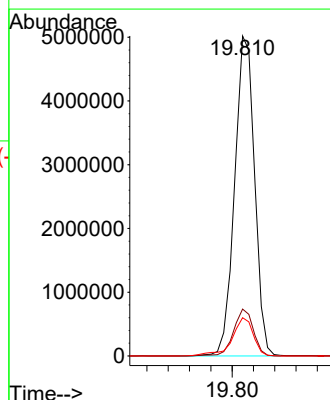
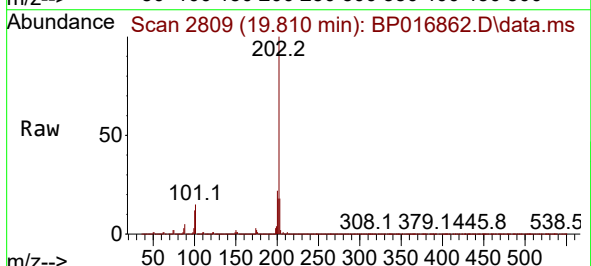
Tgt Ion:202 Resp: 6535917

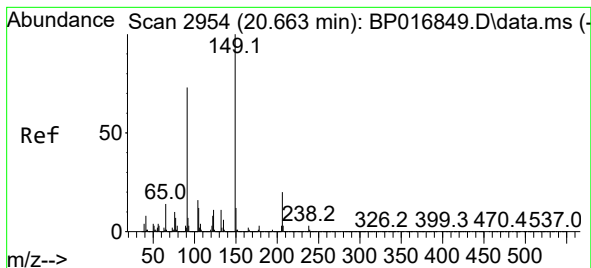
Ion Ratio Lower Upper

202 100

101 14.7 11.4 17.2

100 12.0 9.4 14.2





#83

Butylbenzylphthalate

Concen: 51.319 ng/ul

RT: 20.669 min Scan# 2954

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

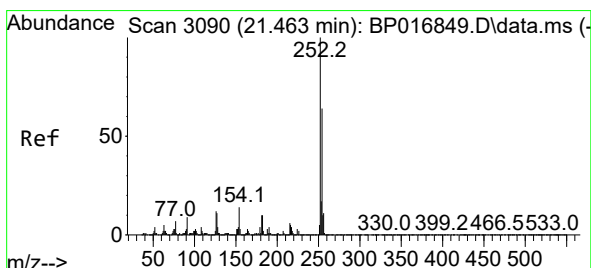
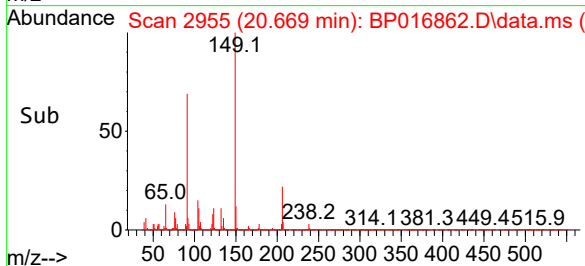
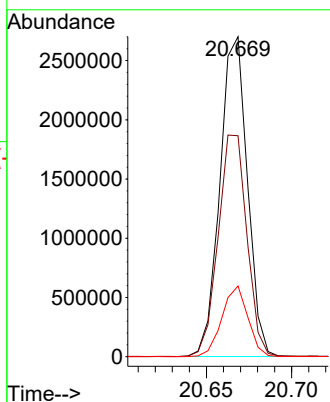
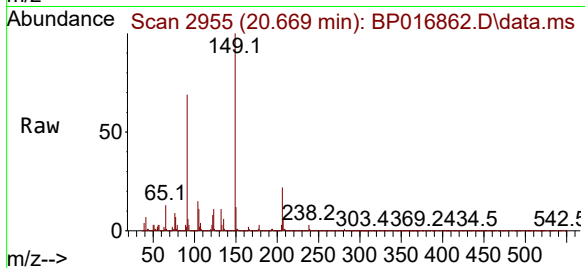
Tgt Ion:149 Resp: 3031792

Ion Ratio Lower Upper

149 100

91 69.0 58.5 87.7

206 22.1 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 35.302 ng/ul

RT: 21.463 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

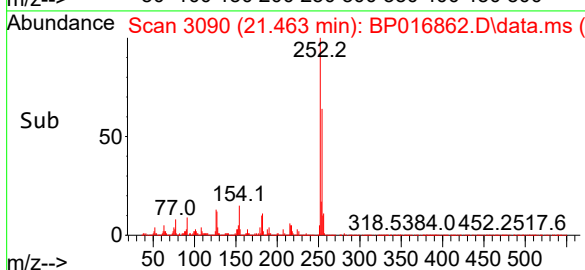
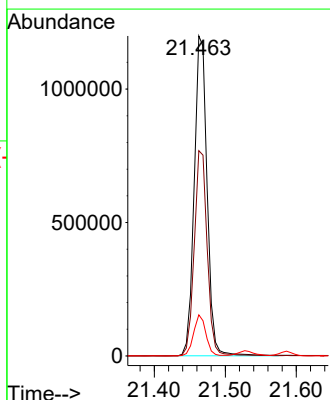
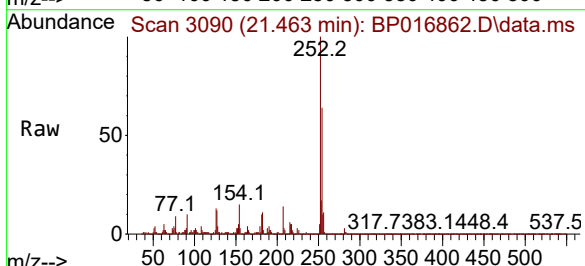
Tgt Ion:252 Resp: 1516678

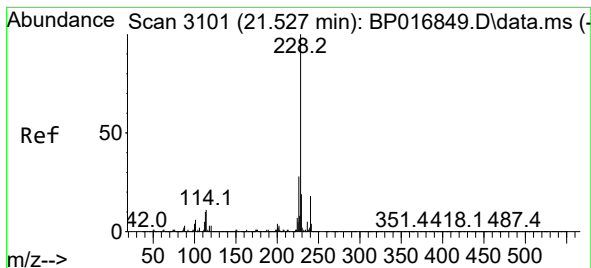
Ion Ratio Lower Upper

252 100

254 64.2 52.1 78.1

126 12.8 9.6 14.4





#85

Benzo(a)anthracene

Concen: 42.612 ng/ul

RT: 21.527 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

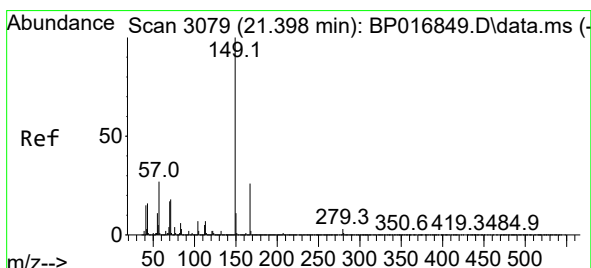
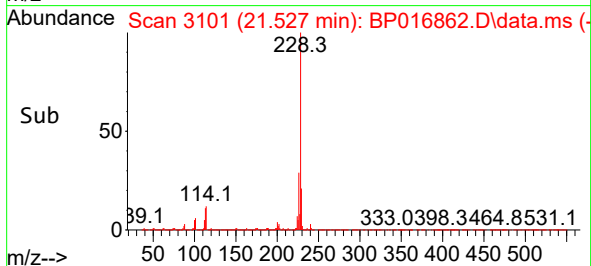
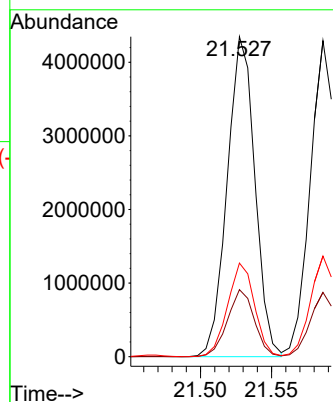
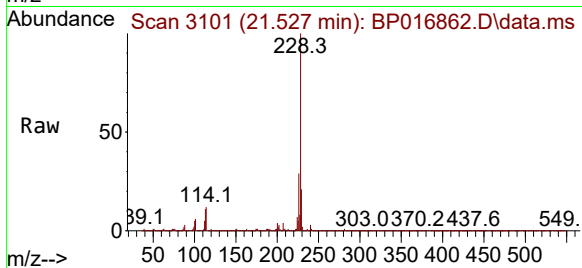
Tgt Ion:228 Resp: 5899761

Ion Ratio Lower Upper

228 100

229 20.9 16.2 24.4

226 29.2 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 50.741 ng/ul

RT: 21.404 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

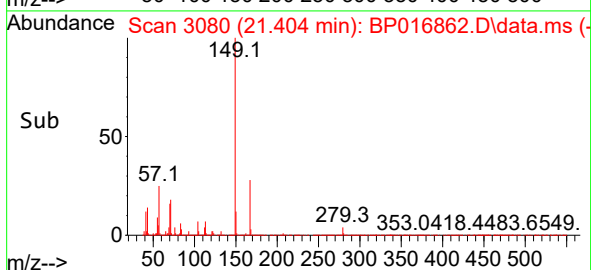
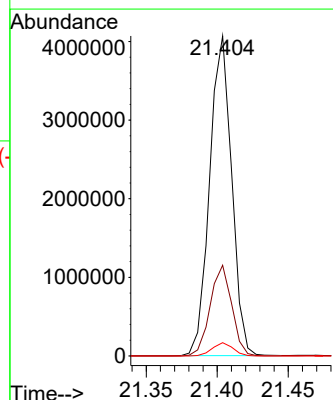
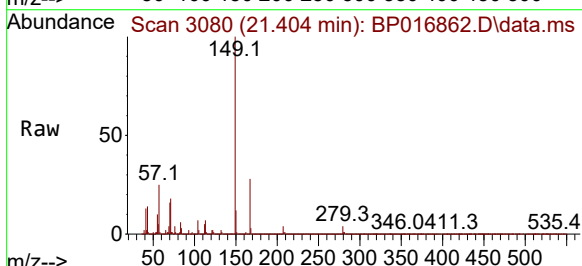
Tgt Ion:149 Resp: 4377001

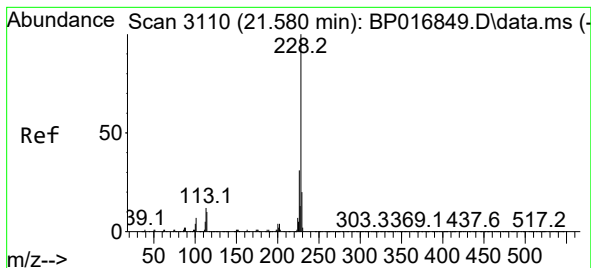
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 4.2 3.0 4.4





#87

Chrysene

Concen: 43.279 ng/ul

RT: 21.586 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

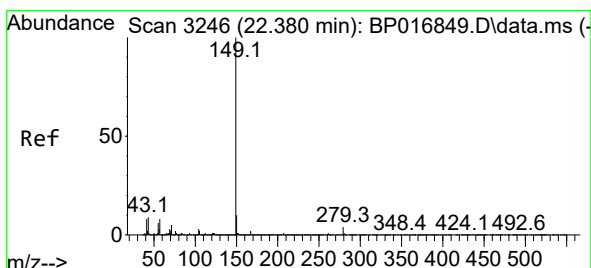
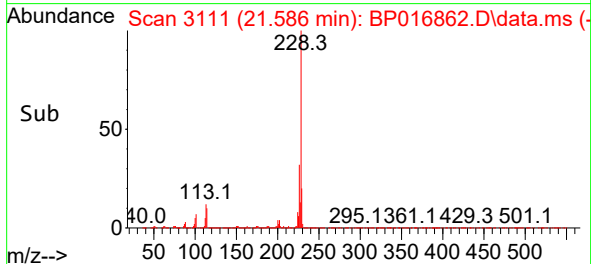
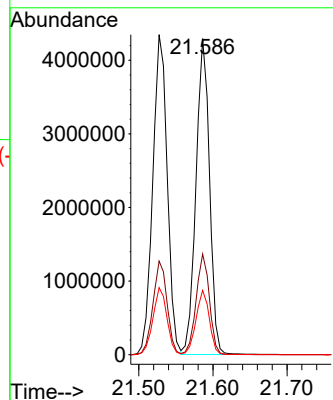
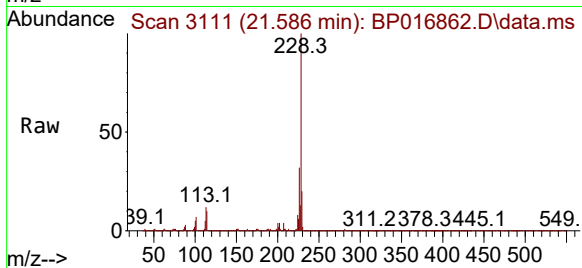
Tgt Ion:228 Resp: 5443079

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.4

229 20.3 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 53.685 ng/ul

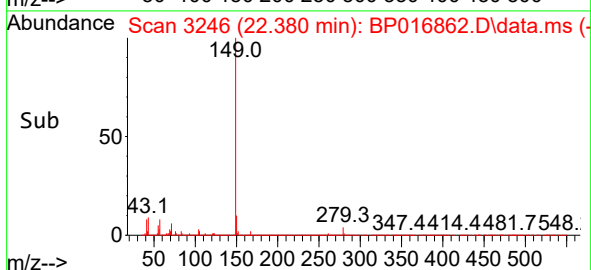
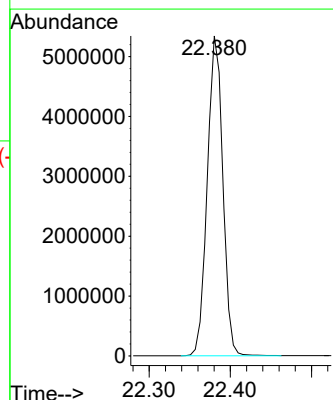
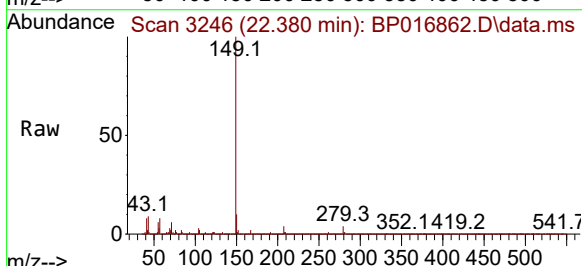
RT: 22.380 min Scan# 3246

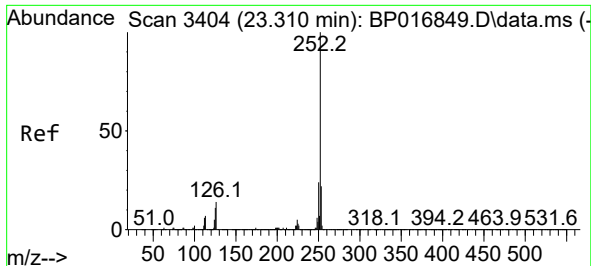
Delta R.T. 0.000 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Tgt Ion:149 Resp: 7087199

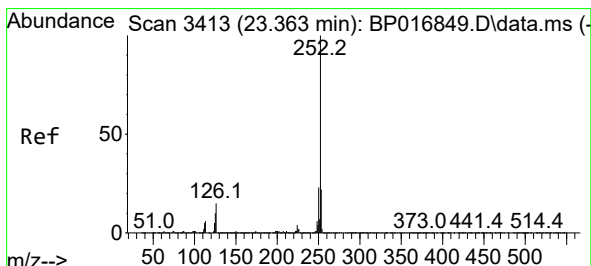
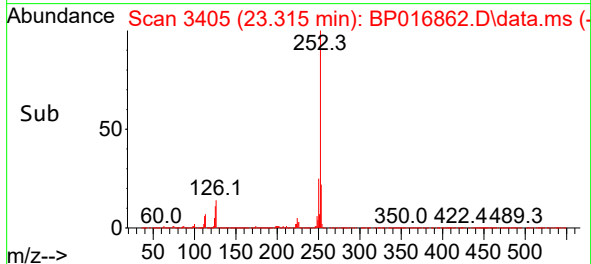
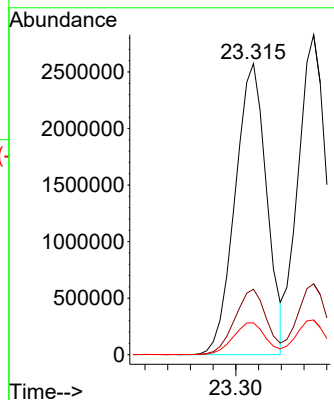
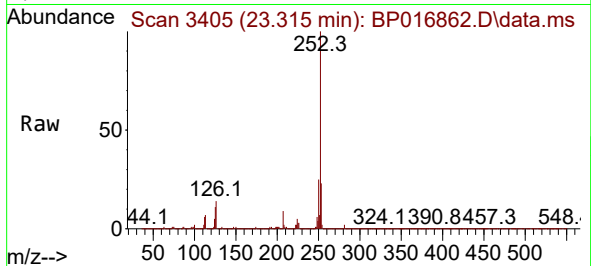




#90
Benzo(b)fluoranthene
Concen: 44.396 ng/ul
RT: 23.315 min Scan# 3404
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

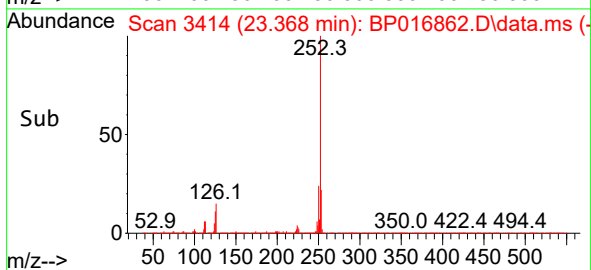
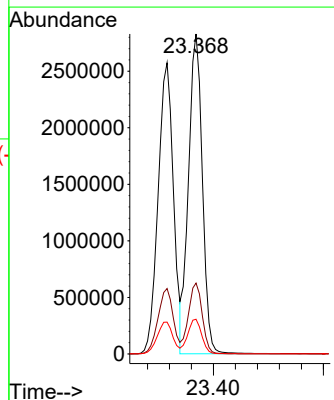
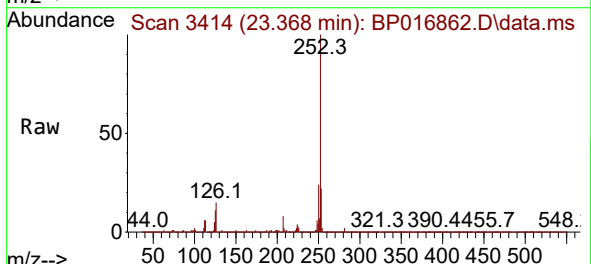
Instrument :
BNA_P
ClientSampleId :

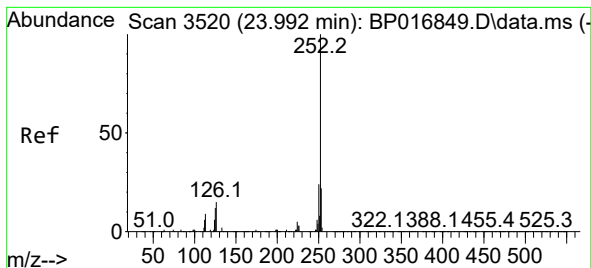
Tgt Ion:252 Resp: 4969828
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.0 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 44.697 ng/ul
RT: 23.368 min Scan# 3414
Delta R.T. 0.006 min
Lab File: BP016862.D
Acq: 30 Aug 2023 08:40

Tgt Ion:252 Resp: 4948369
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.9 8.9 13.3





#93

Benzo(a)pyrene

Concen: 41.591 ng/ul

RT: 23.998 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

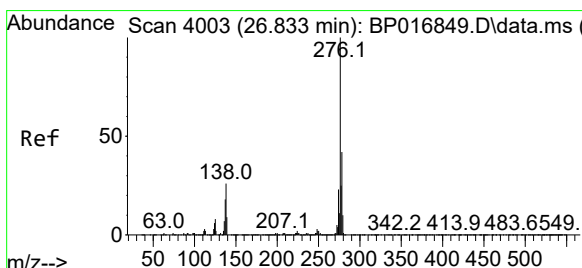
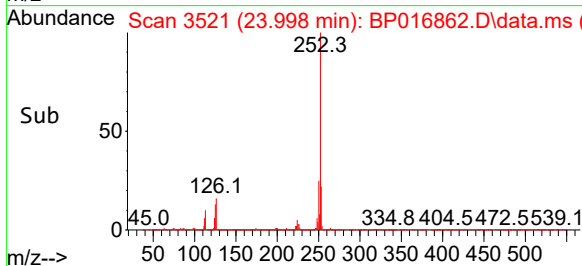
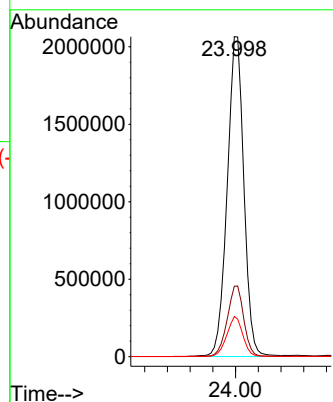
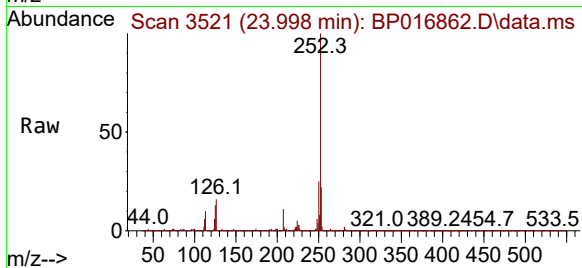
Tgt Ion:252 Resp: 4211271

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 12.6 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 47.160 ng/ul

RT: 26.851 min Scan# 4006

Delta R.T. 0.018 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

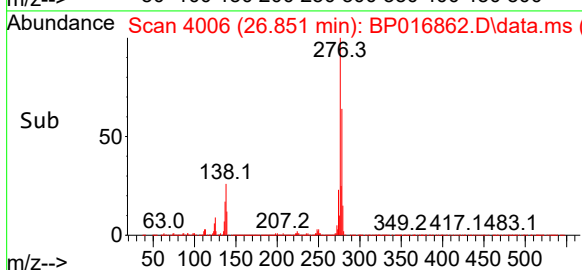
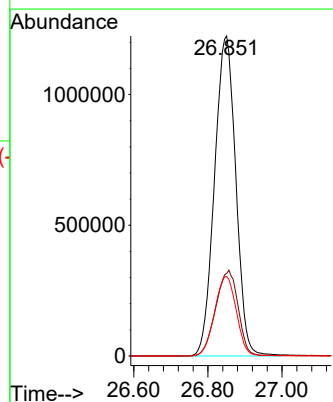
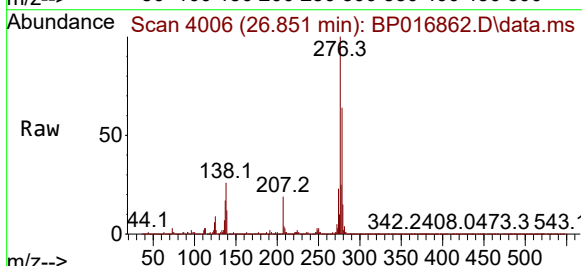
Tgt Ion:276 Resp: 4879577

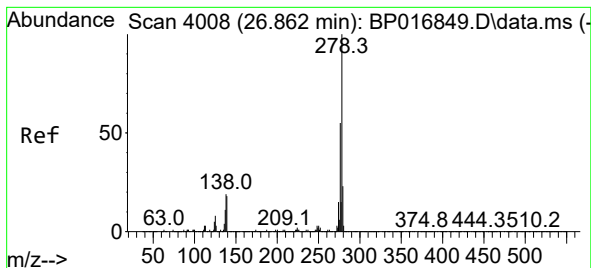
Ion Ratio Lower Upper

276 100

138 25.8 20.9 31.3

277 24.8 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 46.989 ng/ul

RT: 26.874 min Scan# 4008

Delta R.T. 0.012 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Instrument :

BNA_P

ClientSampleId :

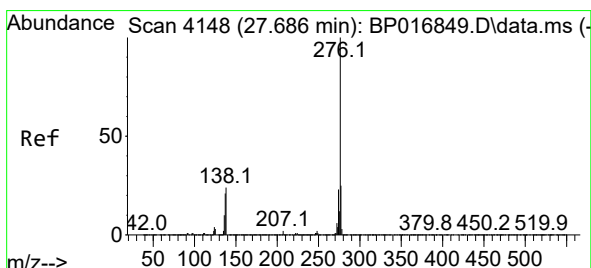
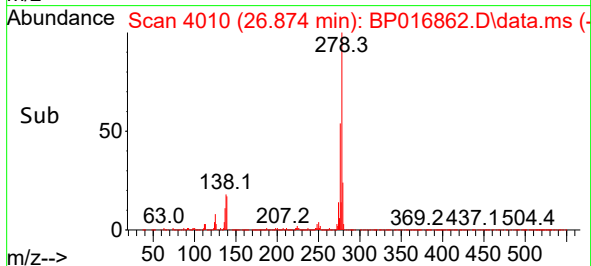
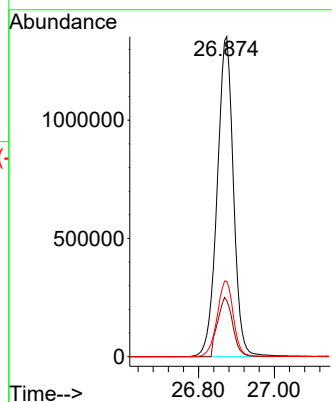
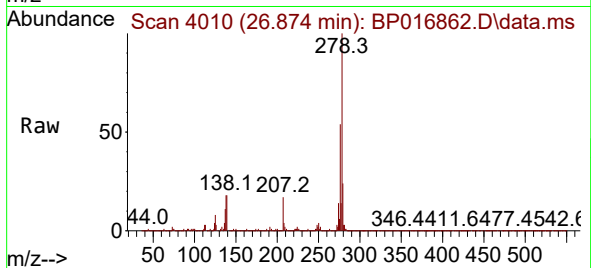
Tgt Ion:278 Resp: 4038119

Ion Ratio Lower Upper

278 100

139 17.5 15.0 22.6

279 23.6 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 48.931 ng/ul

RT: 27.698 min Scan# 4150

Delta R.T. 0.012 min

Lab File: BP016862.D

Acq: 30 Aug 2023 08:40

Tgt Ion:276 Resp: 3838283

Ion Ratio Lower Upper

276 100

138 24.2 20.2 30.4

277 24.5 19.3 28.9

