

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016880.D
 Acq On : 30 Aug 2023 20:13
 Operator : MA/JU
 Sample : PB155122BS
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:52:15 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	381582	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	1682225	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	1039402	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2302791	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1864290	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1596962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	63022	6.826	ng/uL	0.00
4) Pyridine-d5	3.811	84	933958	33.102	ng/u1	0.00
7) Phenol-d5	7.169	99	1272744	37.510	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	753258	34.832	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	938133	36.773	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	985776	35.589	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	471635	37.080	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	526566	39.275	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	963245	38.538	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	1292164	33.711	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	2817035	35.938	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	3266938	36.868	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	530816	32.763	ng/u1	0.00
60) Fluorene-d10	15.675	176	2439901	36.963	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	459481	33.505	ng/u1	0.00
73) Anthracene-d10	17.545	188	3743426	36.674	ng/u1	0.00
81) Pyrene-d10	19.780	212	4280735	41.808	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	3082056	38.529	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	135893	13.516	ng/uL	98
5) Pyridine	3.834	79	945864	32.545	ng/u1	99
6) Benzaldehyde	7.175	77	755580	40.720	ng/u1	98
8) Phenol	7.193	94	1347364	37.944	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.458	93	1039003	36.249	ng/u1	99
12) 2-Chlorophenol	7.575	128	1003082	38.467	ng/u1	99
13) 2-Methylphenol	8.458	108	985591	37.002	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	866651	20.728	ng/u1	100
16) Acetophenone	8.875	105	1594078	37.115	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.852	70	847537	37.445	ng/u1	99
18) 4-Methylphenol	8.799	108	1089396	37.558	ng/u1	99
19) Hexachloroethane	9.093	117	393984	36.312	ng/u1	97
22) Nitrobenzene	9.263	77	1245944	38.183	ng/u1	100
23) Isophorone	9.781	82	2367083	37.350	ng/u1	100
25) 2-Nitrophenol	9.969	139	586696	39.576	ng/u1	99
26) 2,4-Dimethylphenol	10.005	107	1016570	34.118	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.263	93	1441264	36.861	ng/u1	99
29) 2,4-Dichlorophenol	10.487	162	984661	39.219	ng/u1	99
30) Naphthalene	10.904	128	3250103	37.297	ng/u1	100
32) 4-Chloroaniline	11.034	127	1289447	34.231	ng/u1	100
33) Hexachlorobutadiene	11.134	225	558722	36.127	ng/u1	98
34) Caprolactam	11.869	113	264507	28.567	ng/u1	99
35) 4-Chloro-3-methylphenol	12.134	107	1110295	39.435	ng/u1	98
36) 2-Methylnaphthalene	12.504	142	2216071	36.843	ng/u1	99

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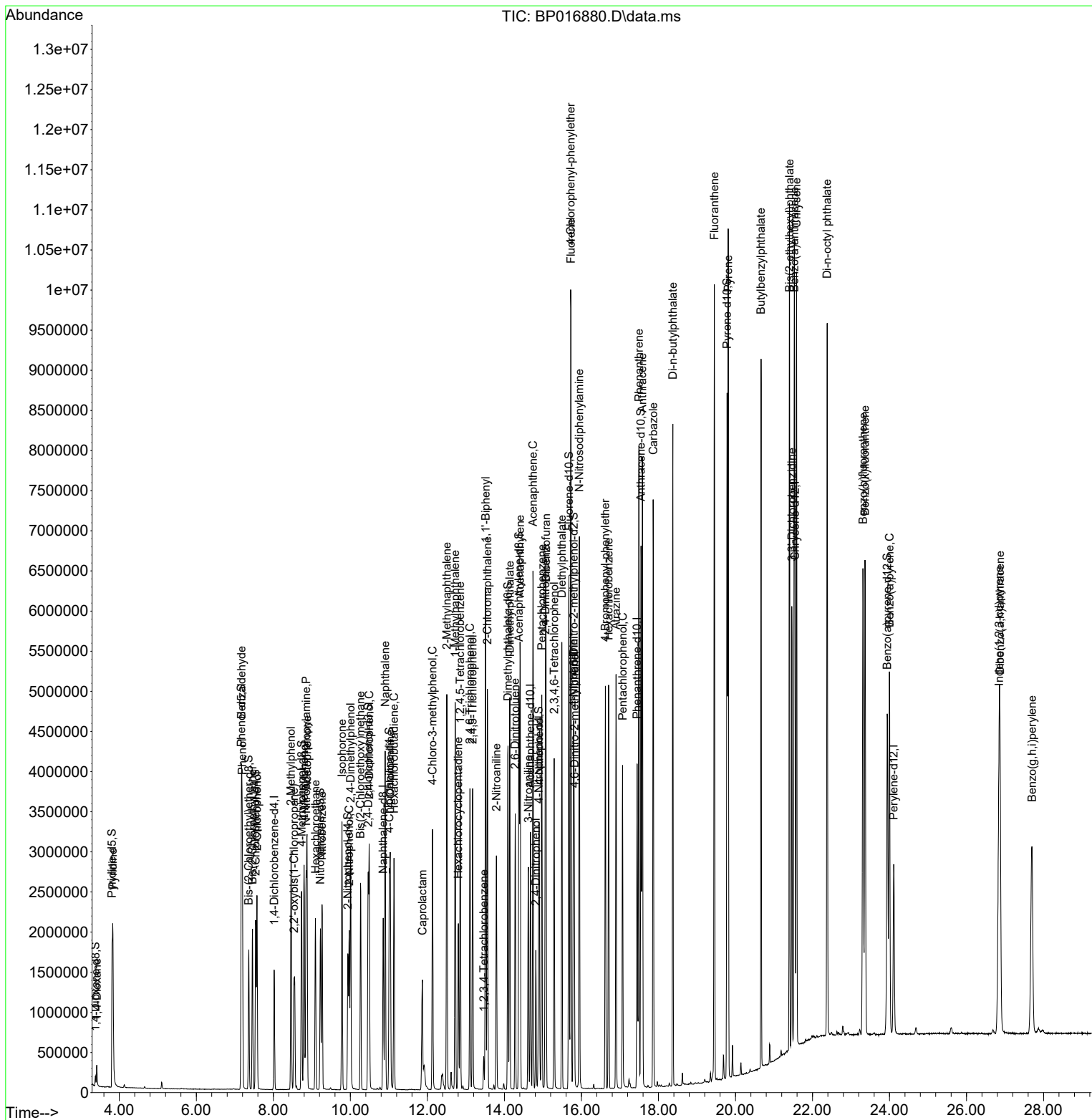
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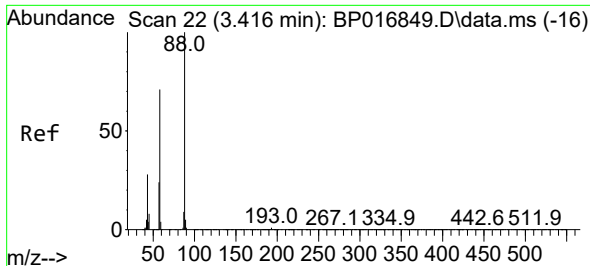
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	2170651	35.787	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	1105001	37.300	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	527540	24.215	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	796391	40.257	ng/ul	98
42) 2,4,5-Trichlorophenol	13.175	196	876066	40.924	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	2993655	38.738	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	2369599	38.842	ng/ul	100
45) 2-Nitroaniline	13.793	65	764689	41.331	ng/ul	98
47) Dimethylphthalate	14.140	163	2976487	37.494	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	635930	40.882	ng/ul	99
50) Acenaphthylene	14.404	152	3713184	36.611	ng/ul	99
51) 3-Nitroaniline	14.622	138	654505	40.407	ng/ul	98
52) Acenaphthene	14.740	153	2554429	38.070	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	311721	27.578	ng/ul	98
55) 4-Nitrophenol	14.904	109	432228	35.325	ng/ul	99
56) Dibenzofuran	15.081	168	3541203	38.464	ng/ul	100
57) 2,4-Dinitrotoluene	15.063	165	917966	40.093	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.292	232	725836	39.828	ng/ul	99
59) Diethylphthalate	15.492	149	3031863	37.594	ng/ul	99
61) Fluorene	15.728	166	2943118	38.219	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	1427053	37.745	ng/ul	98
63) 4-Nitroaniline	15.792	138	635442	41.228	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.816	198	493966	33.409	ng/ul	98
67) N-Nitrosodiphenylamine	15.945	169	2487709	39.059	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	845931	38.315	ng/ul	96
69) Hexachlorobenzene	16.704	284	932609	37.727	ng/ul	97
70) Atrazine	16.898	200	857624	35.716	ng/ul	100
71) Pentachlorophenol	17.069	266	599673	32.680	ng/ul	99
72) Phenanthrene	17.492	178	4678412	38.591	ng/ul	100
74) Anthracene	17.581	178	4649098	37.927	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	112369	3.644	ng/uL	98
76) Pentachlorobenzene	14.969	250	1111062	40.322	ng/uL	99
77) Carbazole	17.863	167	4312779	39.065	ng/ul	99
78) Di-n-butylphthalate	18.375	149	5393359	39.158	ng/ul	100
80) Fluoranthene	19.451	202	5376930	43.716	ng/ul	99
82) Pyrene	19.810	202	5552761	43.705	ng/ul	100
83) Butylbenzylphthalate	20.663	149	2505464	45.726	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	1523773	38.240	ng/ul	99
85) Benzo(a)anthracene	21.527	228	4999052	38.929	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	3614966	45.184	ng/ul	99
87) Chrysene	21.586	228	4586676	39.321	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	5947076	49.451	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	4272579	41.897	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	4082586	40.480	ng/ul	100
93) Benzo(a)pyrene	23.998	252	3554760	38.538	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	4053821	43.008	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	3357346	42.885	ng/ul	99
96) Benzo(g,h,i)perylene	27.698	276	3226486	45.151	ng/ul	99

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

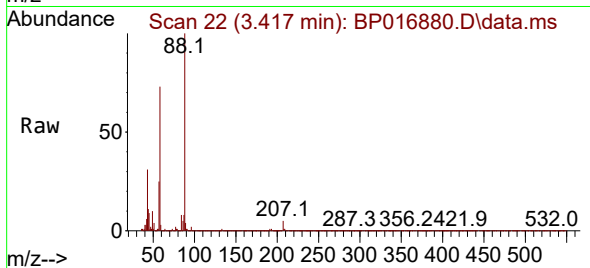
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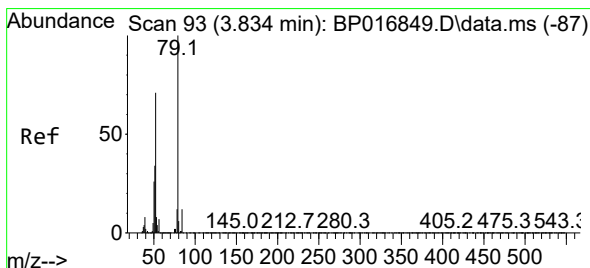
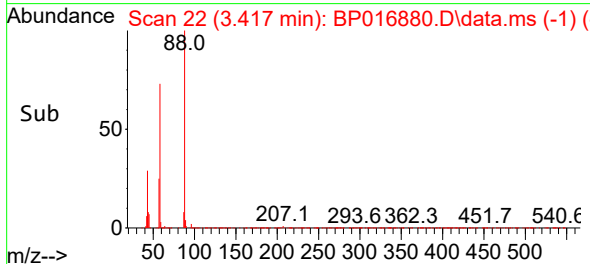
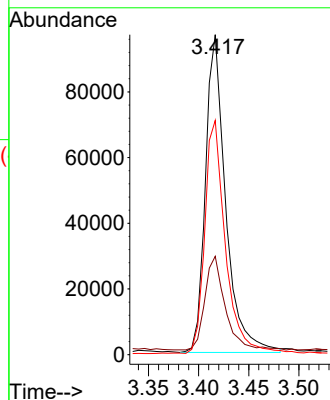


#2
 1,4-Dioxane
 Concen: 13.516 ng/uL
 RT: 3.417 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP016880.D
 Acq: 30 Aug 2023 20:13

Instrument :
 BNA_P
 ClientSampleId :

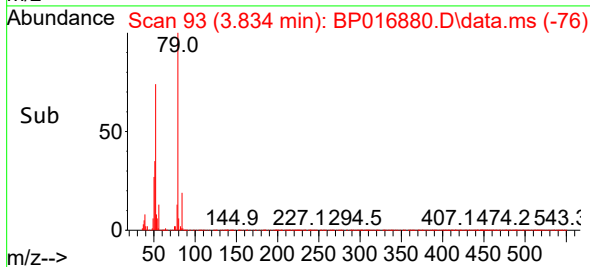
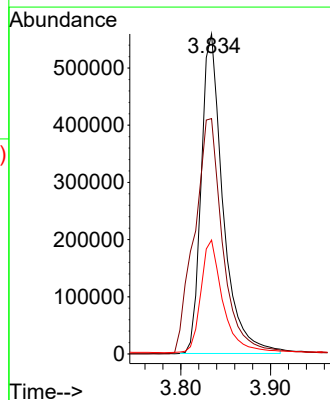
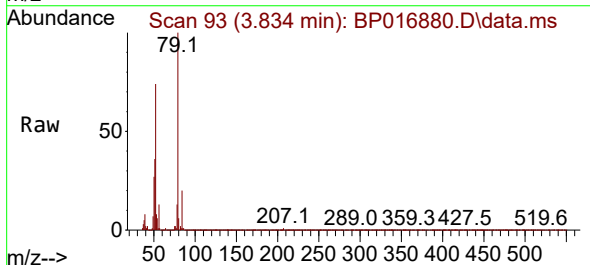


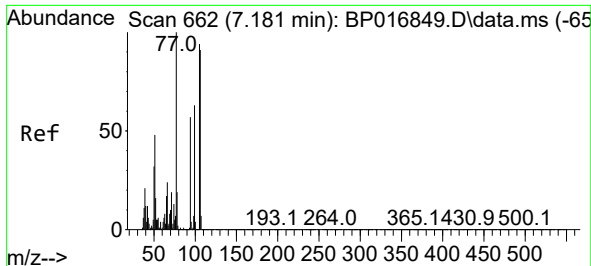
Tgt Ion: 88 Resp: 135893
 Ion Ratio Lower Upper
 88 100
 43 30.7 24.0 36.0
 58 73.2 59.8 89.8



#5
 Pyridine
 Concen: 32.545 ng/uL
 RT: 3.834 min Scan# 93
 Delta R.T. 0.000 min
 Lab File: BP016880.D
 Acq: 30 Aug 2023 20:13

Tgt Ion: 79 Resp: 945864
 Ion Ratio Lower Upper
 79 100
 52 73.5 59.6 89.4
 51 35.6 28.2 42.2

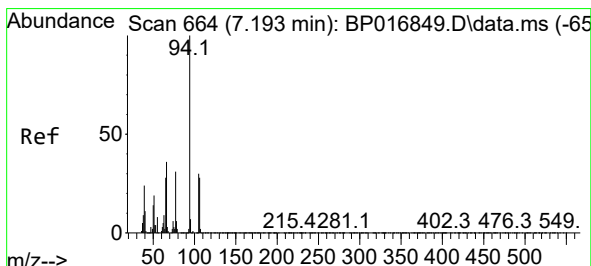
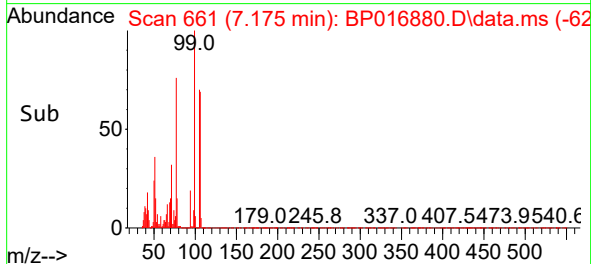
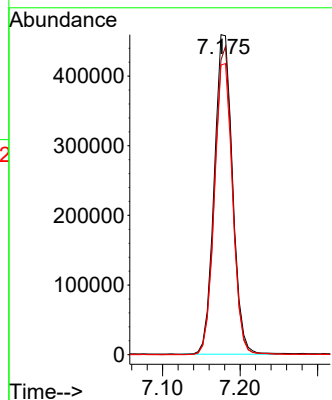
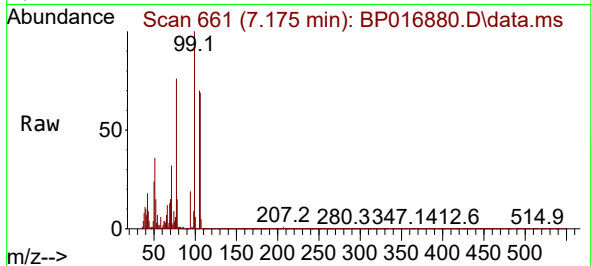




#6
Benzaldehyde
Concen: 40.720 ng/ul
RT: 7.175 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

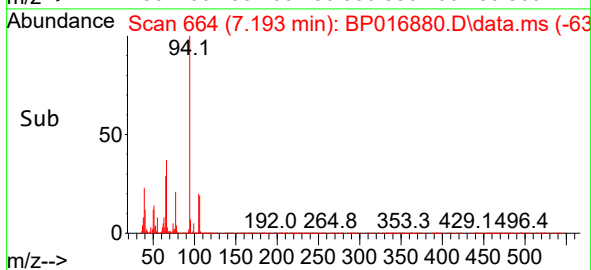
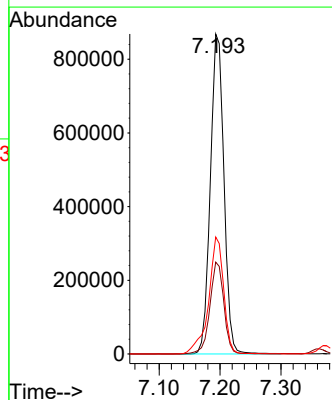
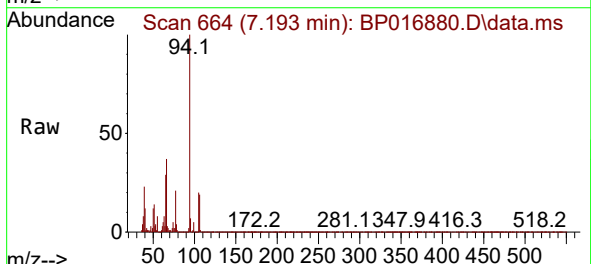
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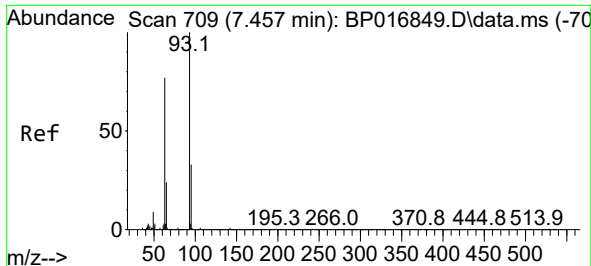
Tgt Ion: 77 Resp: 755580
Ion Ratio Lower Upper
77 100
105 92.1 75.4 113.2
106 90.5 73.1 109.7



#8
Phenol
Concen: 37.944 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion: 94 Resp: 1347364
Ion Ratio Lower Upper
94 100
65 28.7 22.4 33.6
66 36.6 28.6 42.8

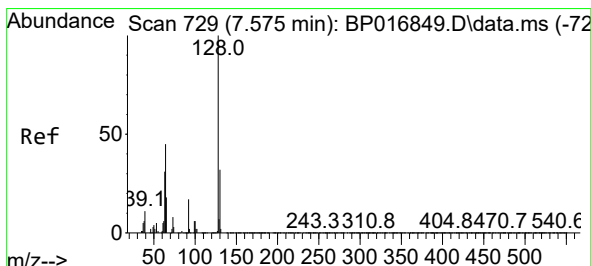
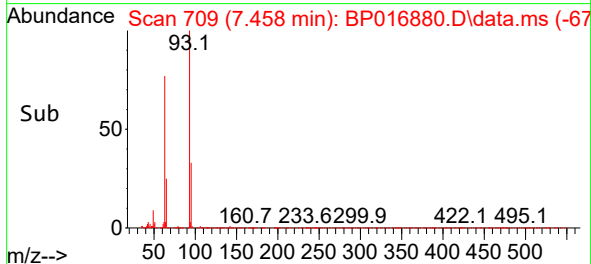
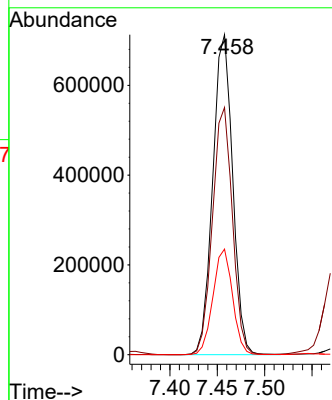
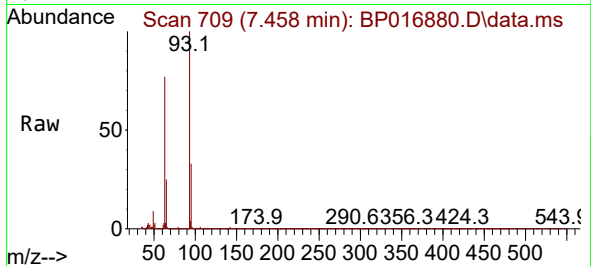




#10
Bis(2-Chloroethyl)ether
Concen: 36.249 ng/ul
RT: 7.458 min Scan# 709
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

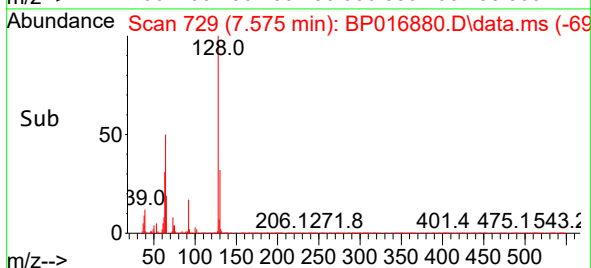
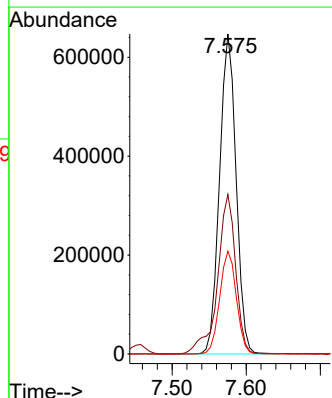
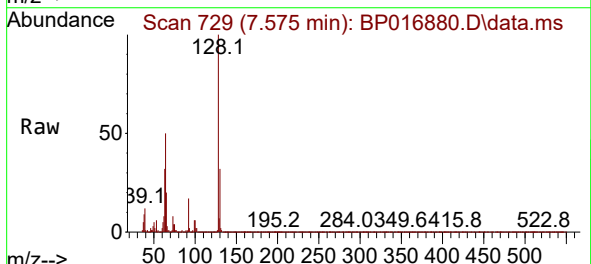
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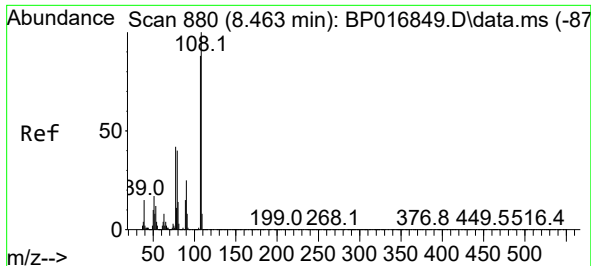
Tgt Ion: 93 Resp: 1039003
Ion Ratio Lower Upper
93 100
63 77.3 62.9 94.3
95 33.0 26.3 39.5



#12
2-Chlorophenol
Concen: 38.467 ng/ul
RT: 7.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:128 Resp: 1003082
Ion Ratio Lower Upper
128 100
64 49.8 40.0 60.0
130 32.1 26.4 39.6





#13

2-Methylphenol

Concen: 37.002 ng/ul

RT: 8.458 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

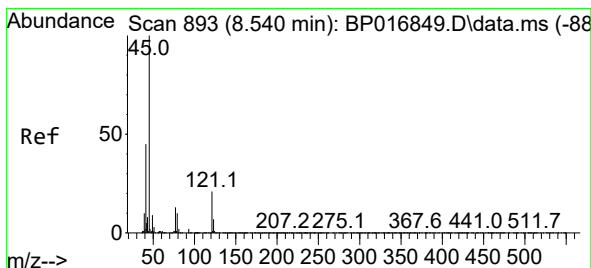
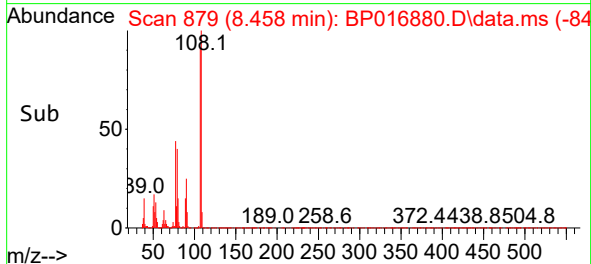
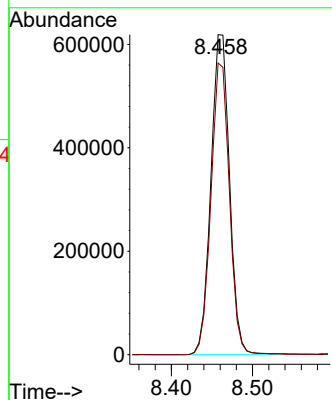
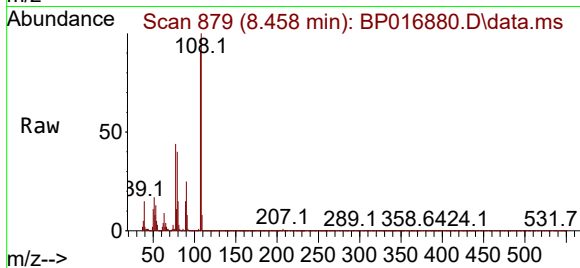
ClientSampleId :

Tgt Ion:108 Resp: 985591

Ion Ratio Lower Upper

108 100

107 91.1 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.728 ng/ul

RT: 8.534 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

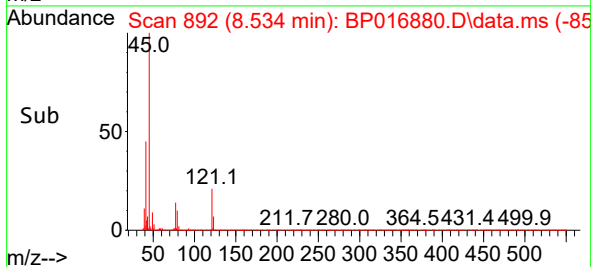
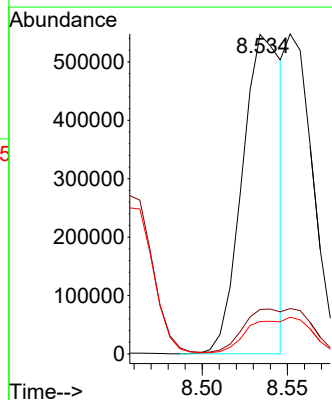
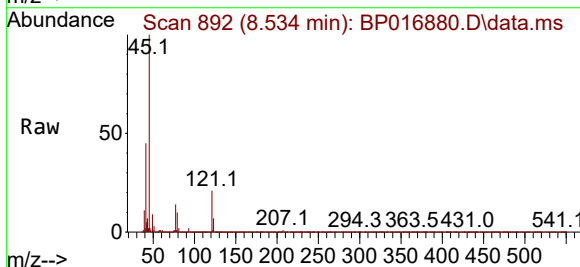
Tgt Ion: 45 Resp: 866651

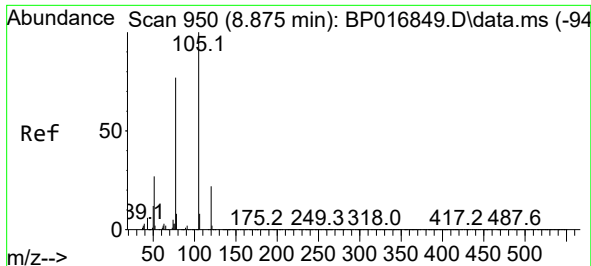
Ion Ratio Lower Upper

45 100

77 13.9 11.1 16.7

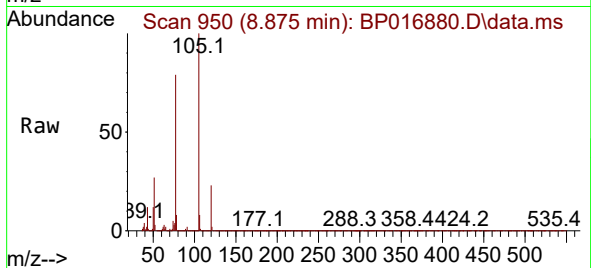
79 10.2 8.2 12.4



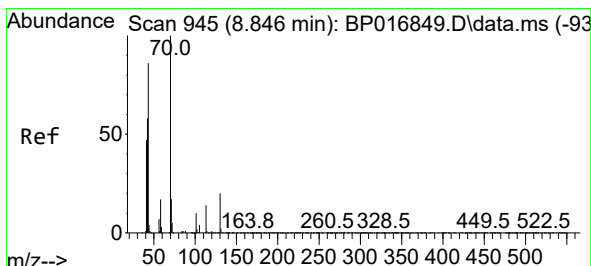
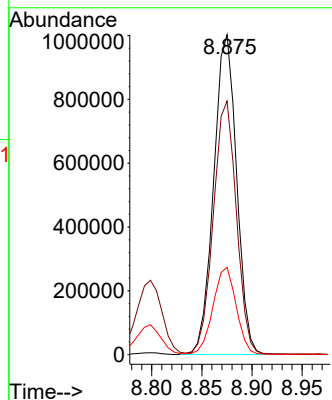
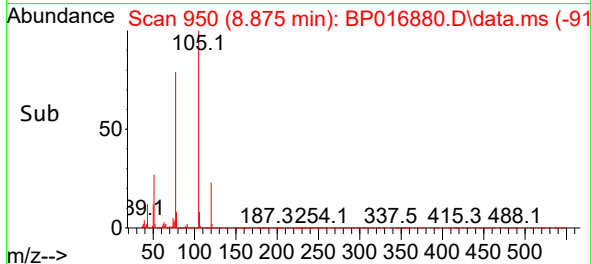


#16
Acetophenone
Concen: 37.115 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016880.D
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Instrument :
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ClientSampleId :

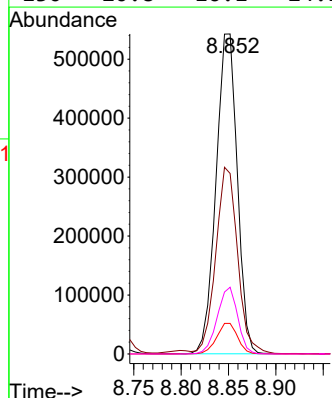
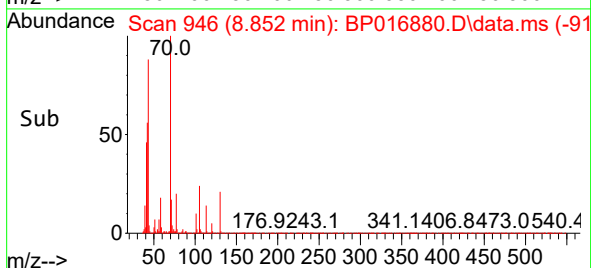
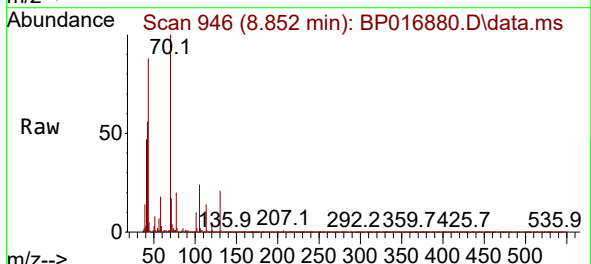


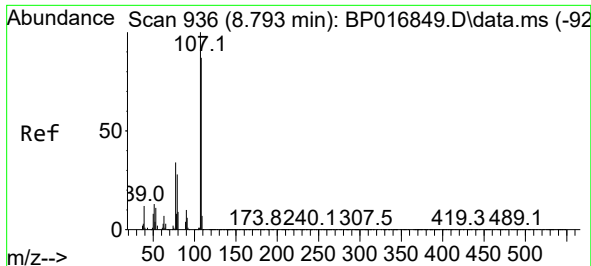
Tgt Ion:105 Resp: 1594078
Ion Ratio Lower Upper
105 100
77 79.2 64.2 96.4
51 27.3 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 37.445 ng/ul
RT: 8.852 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion: 70 Resp: 847537
Ion Ratio Lower Upper
70 100
42 56.4 46.0 69.0
101 9.5 7.6 11.4
130 20.8 16.1 24.1

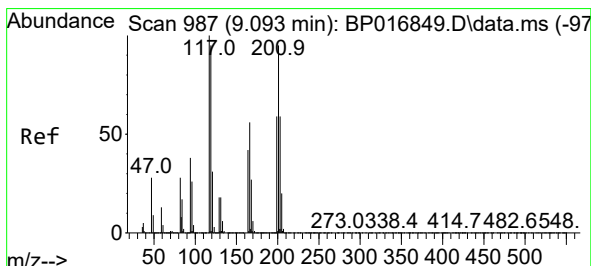
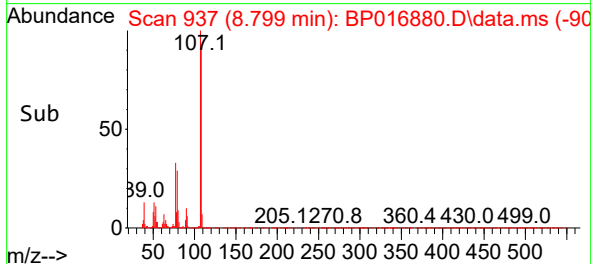
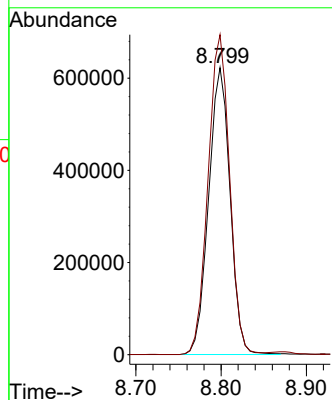
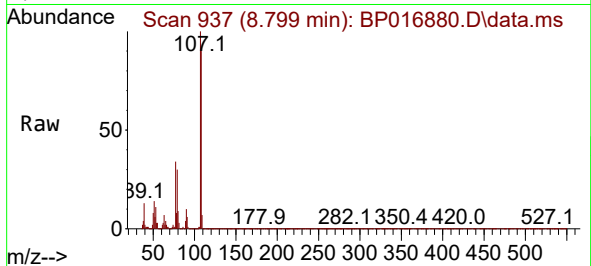




#18
4-Methylphenol
Concen: 37.558 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

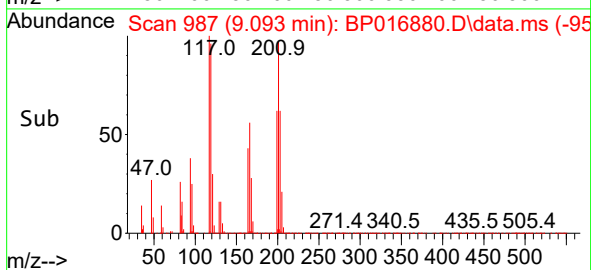
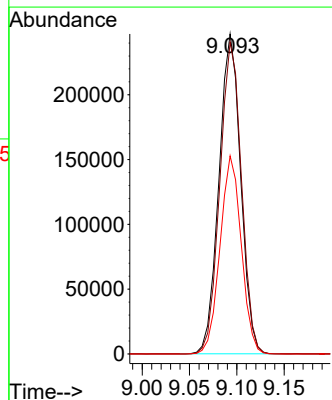
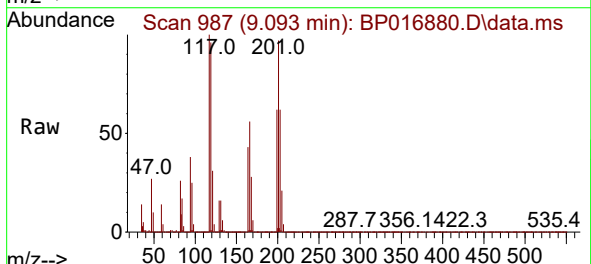
Instrument :
BNA_P
ClientSampleId :

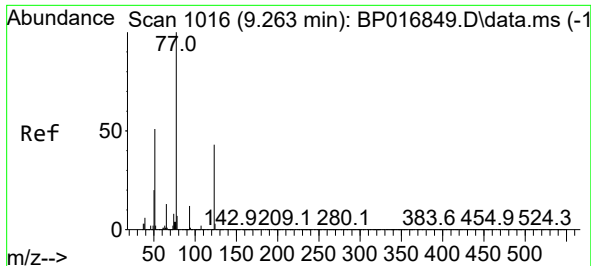
Tgt Ion:108 Resp: 1089396
Ion Ratio Lower Upper
108 100
107 111.5 89.8 134.6



#19
Hexachloroethane
Concen: 36.312 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:117 Resp: 393984
Ion Ratio Lower Upper
117 100
201 97.5 75.4 113.2
199 61.9 47.8 71.6

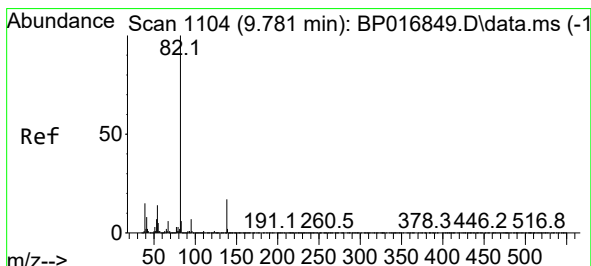
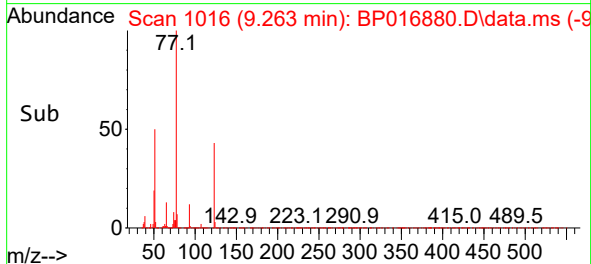
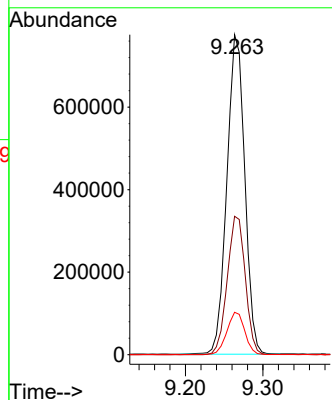
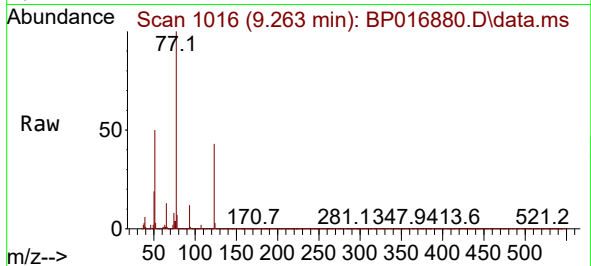




#22
Nitrobenzene
Concen: 38.183 ng/ul
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

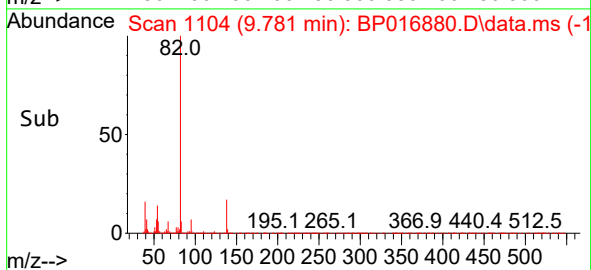
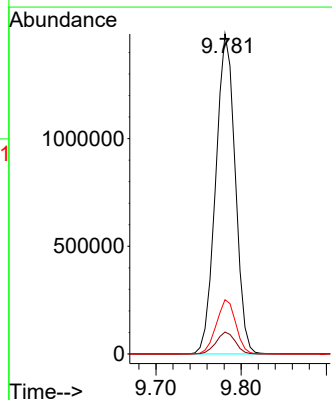
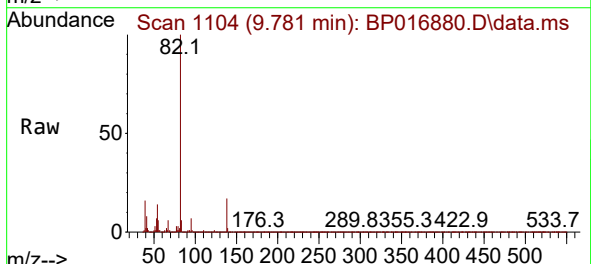
Instrument :
BNA_P
ClientSampleId :

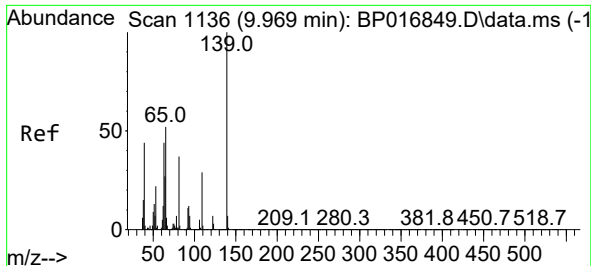
Tgt Ion: 77 Resp: 1245944
Ion Ratio Lower Upper
77 100
123 43.3 34.9 52.3
65 13.3 10.6 15.8



#23
Isophorone
Concen: 37.350 ng/ul
RT: 9.781 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion: 82 Resp: 2367083
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.0 13.5 20.3

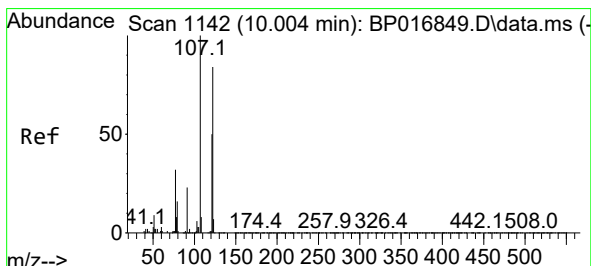
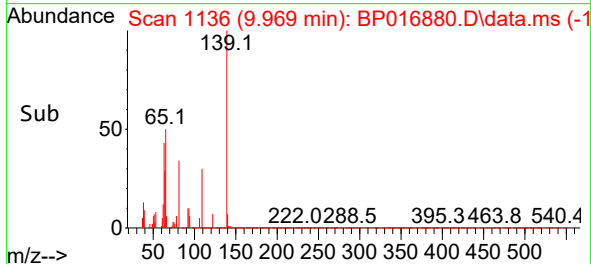
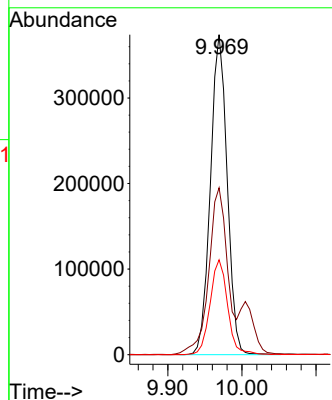
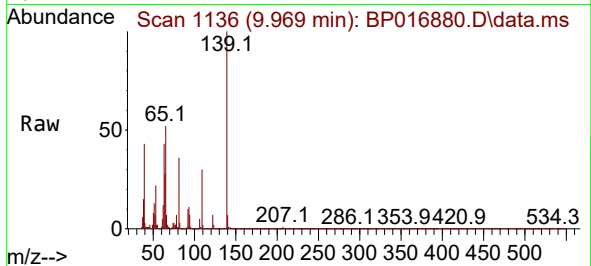




#25
2-Nitrophenol
Concen: 39.576 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

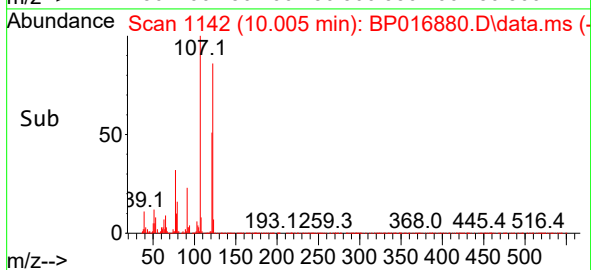
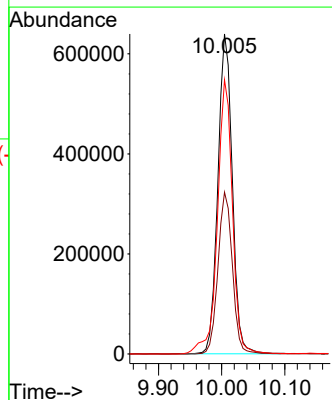
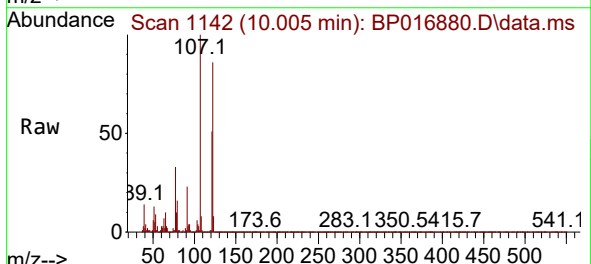
Instrument :
BNA_P
ClientSampleId :

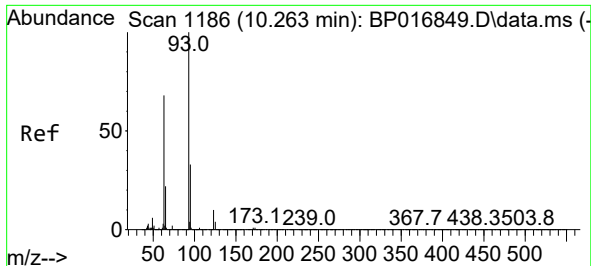
Tgt Ion:139 Resp: 586696
Ion Ratio Lower Upper
139 100
65 52.1 42.0 63.0
109 29.7 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 34.118 ng/ul
RT: 10.005 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:107 Resp: 1016570
Ion Ratio Lower Upper
107 100
121 50.5 40.7 61.1
122 85.7 69.7 104.5

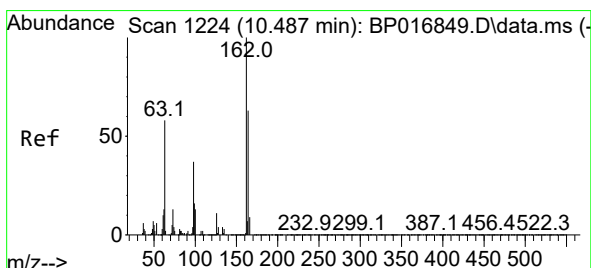
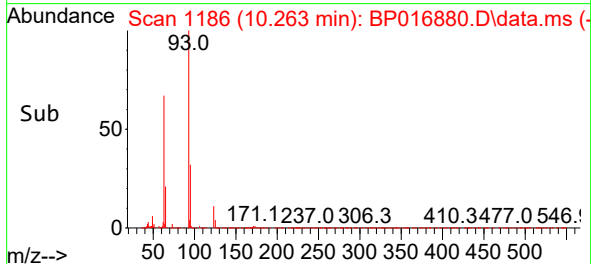
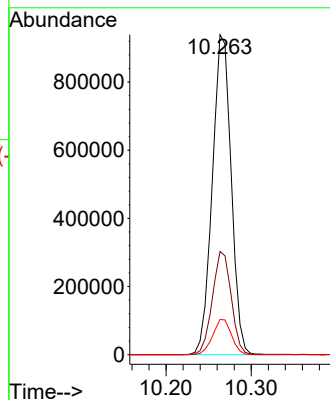
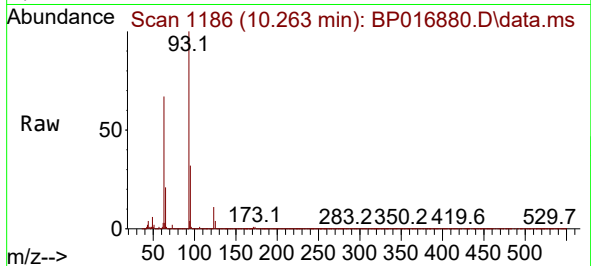




#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.861 ng/ul
 RT: 10.263 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP016880.D
 Acq: 30 Aug 2023 20:13

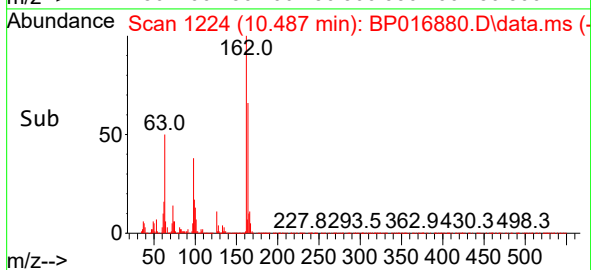
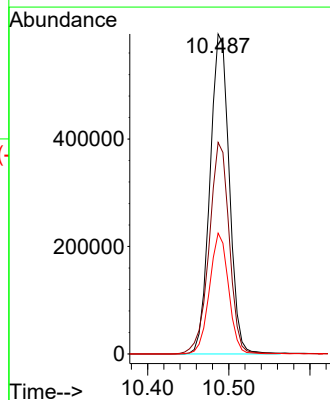
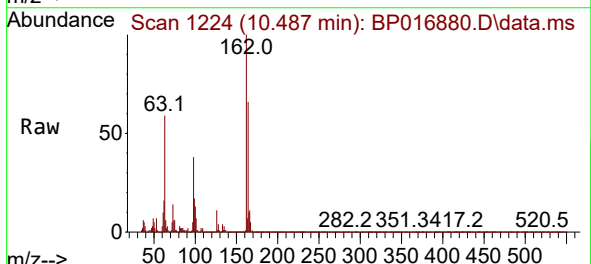
Instrument :
 BNA_P
 ClientSampleId :

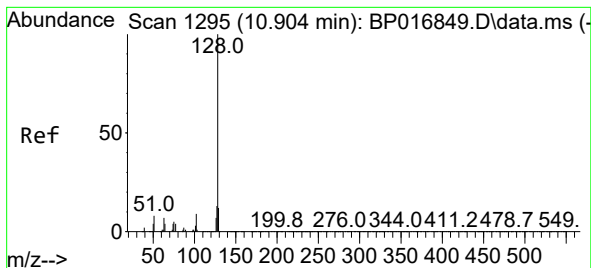
Tgt Ion: 93 Resp: 1441264
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 11.0 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 39.219 ng/ul
 RT: 10.487 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BP016880.D
 Acq: 30 Aug 2023 20:13

Tgt Ion:162 Resp: 984661
 Ion Ratio Lower Upper
 162 100
 164 66.1 52.2 78.2
 98 37.7 29.3 43.9

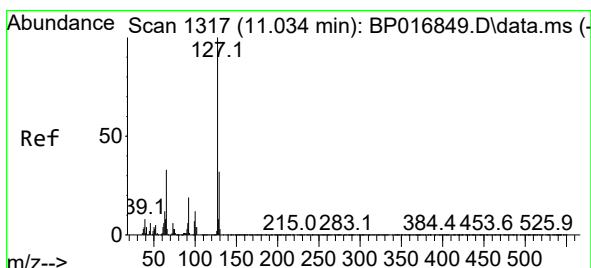
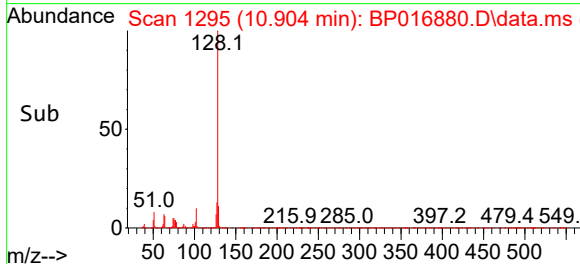
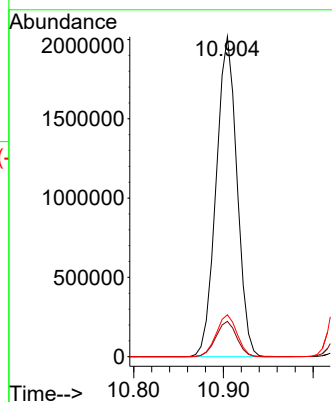
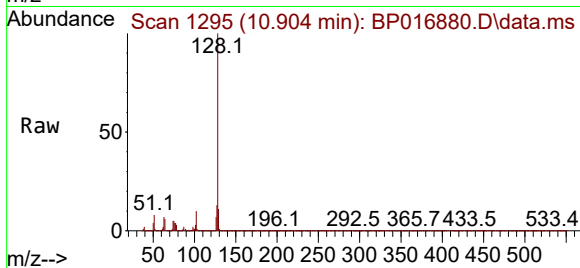




#30
Naphthalene
Concen: 37.297 ng/ul
RT: 10.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

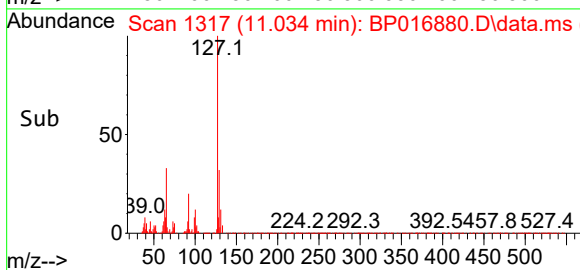
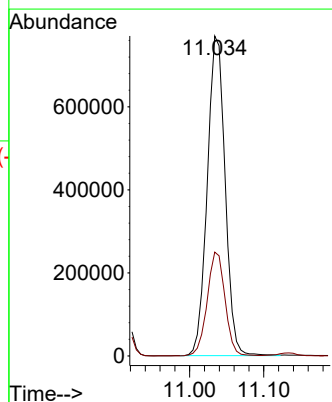
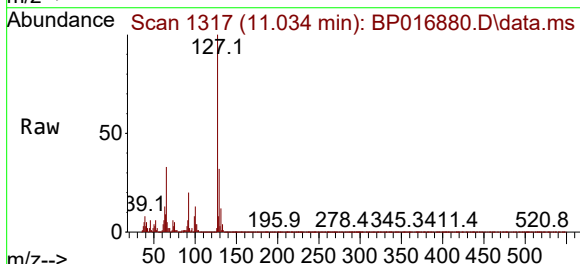
Instrument :
BNA_P
ClientSampleId :

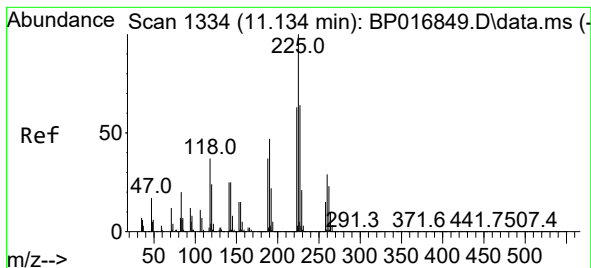
Tgt Ion:128 Resp: 3250103
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 34.231 ng/ul
RT: 11.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:127 Resp: 1289447
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9





#33

Hexachlorobutadiene

Concen: 36.127 ng/ul

RT: 11.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

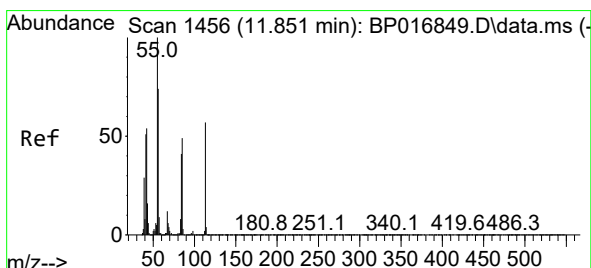
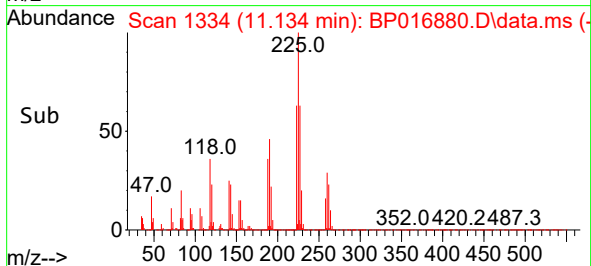
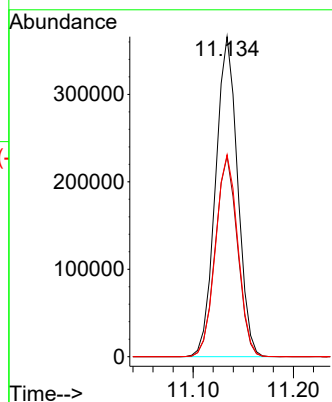
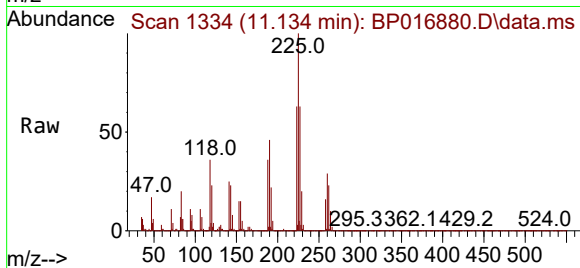
Tgt Ion:225 Resp: 558722

Ion Ratio Lower Upper

225 100

223 62.7 51.0 76.4

227 63.1 52.5 78.7



#34

Caprolactam

Concen: 28.567 ng/ul

RT: 11.869 min Scan# 1459

Delta R.T. 0.018 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

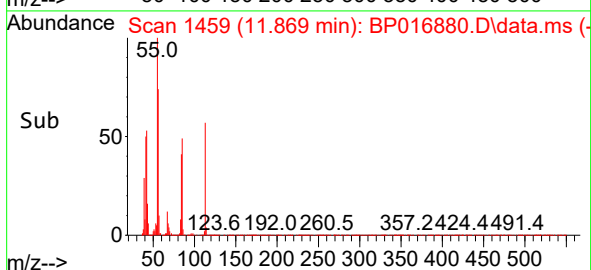
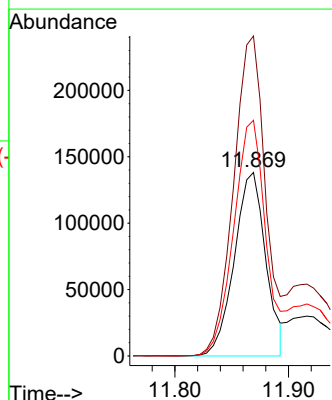
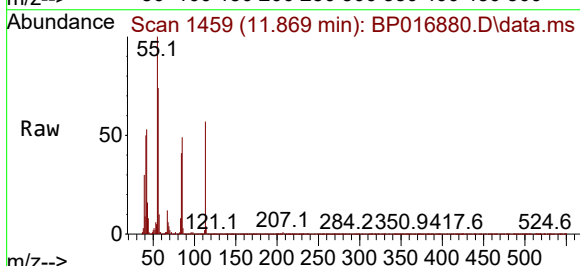
Tgt Ion:113 Resp: 264507

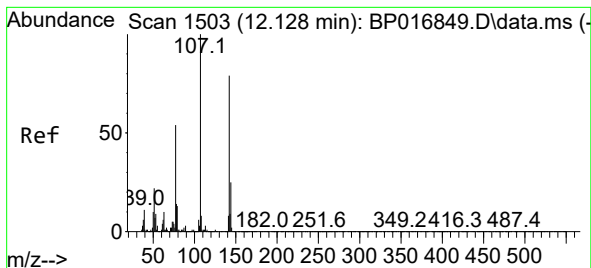
Ion Ratio Lower Upper

113 100

55 174.3 140.6 210.8

56 128.4 104.5 156.7

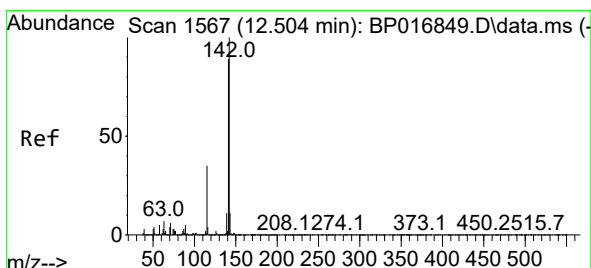
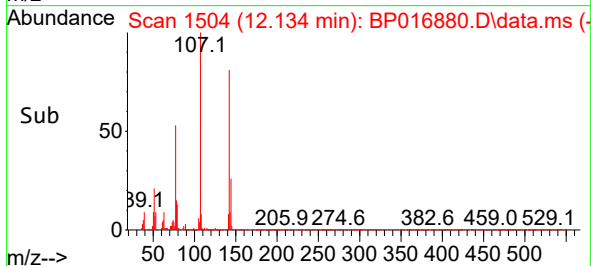
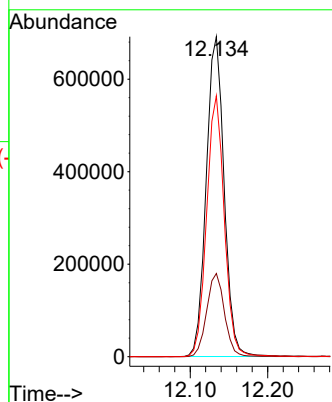
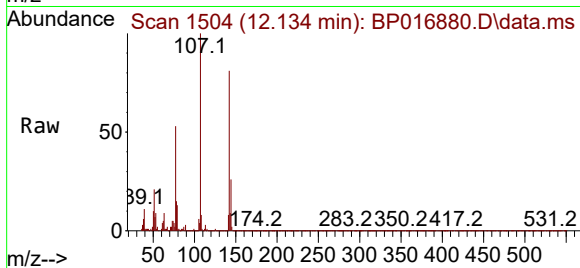




#35
4-Chloro-3-methylphenol
Concen: 39.435 ng/ul
RT: 12.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

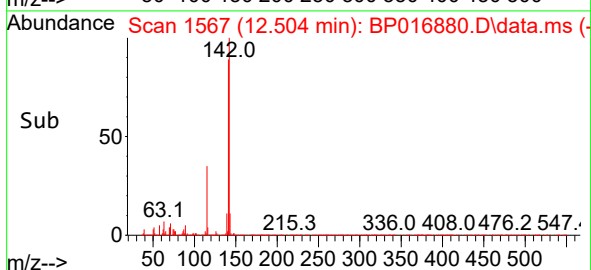
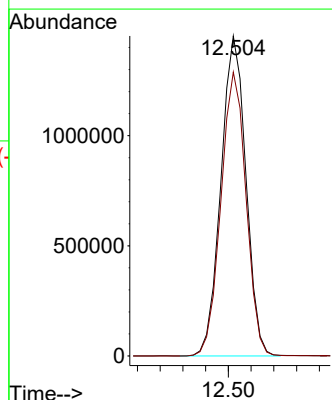
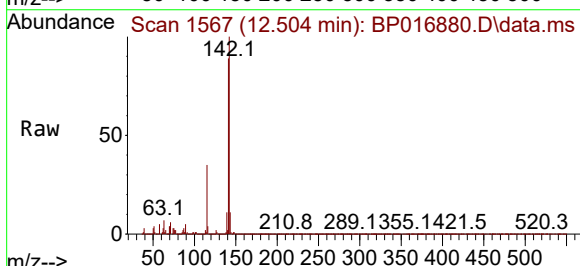
Instrument :
BNA_P
ClientSampleId :

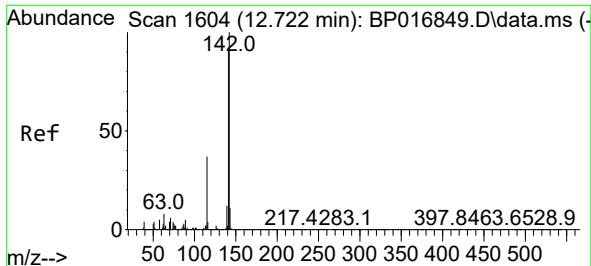
Tgt Ion:107 Resp: 1110295
Ion Ratio Lower Upper
107 100
144 26.0 20.6 31.0
142 81.5 63.7 95.5



#36
2-Methylnaphthalene
Concen: 36.843 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:142 Resp: 2216071
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0

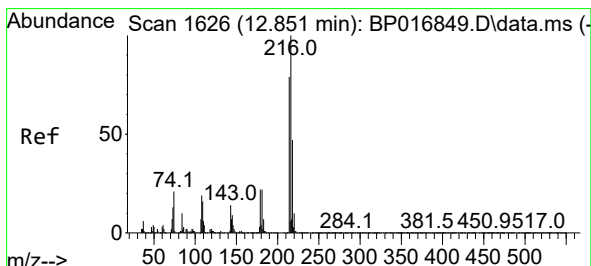
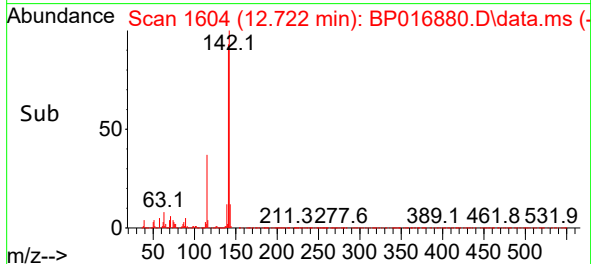
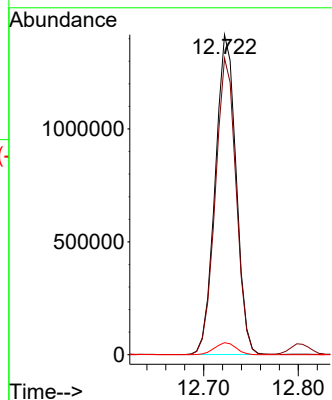
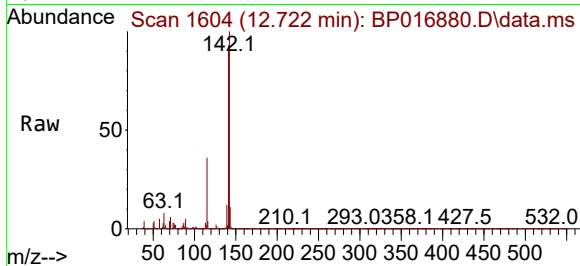




#37
1-Methylnaphthalene
Concen: 35.787 ng/ul
RT: 12.722 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

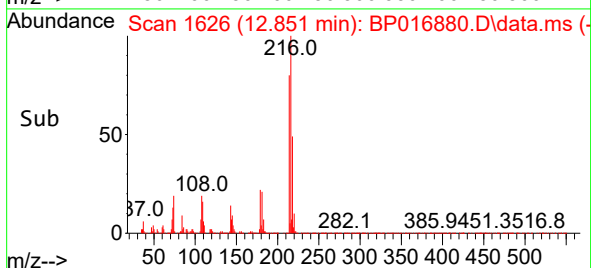
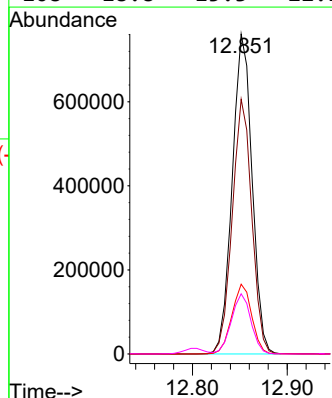
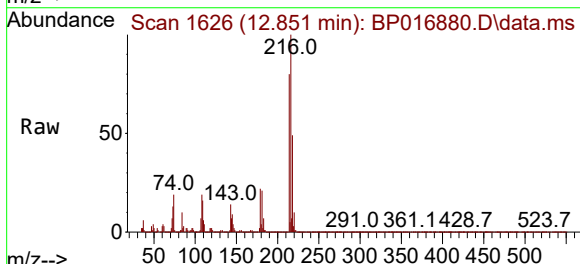
Instrument :
BNA_P
ClientSampleId :

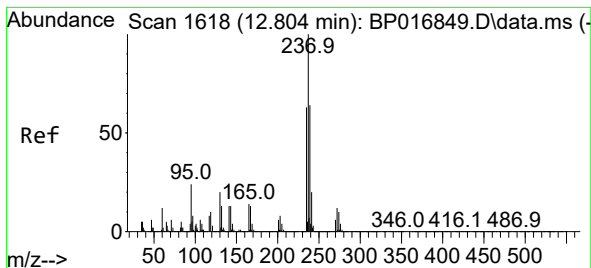
Tgt Ion:142 Resp: 2170651
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.4
116 3.8 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.300 ng/ul
RT: 12.851 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:216 Resp: 1105001
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.2
179 21.8 17.4 26.2
108 18.8 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 24.215 ng/ul

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

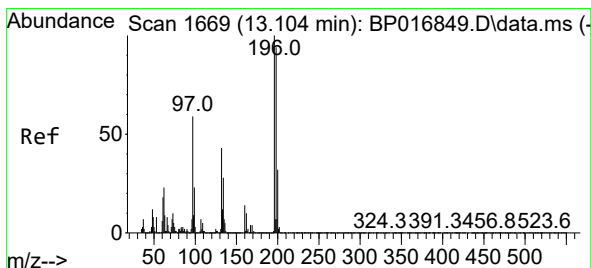
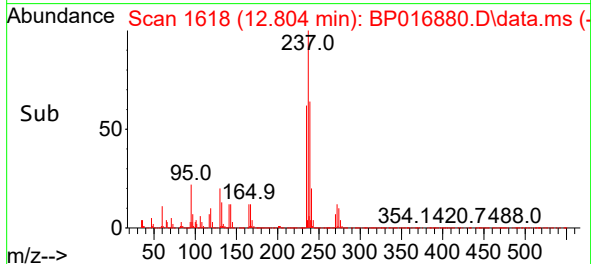
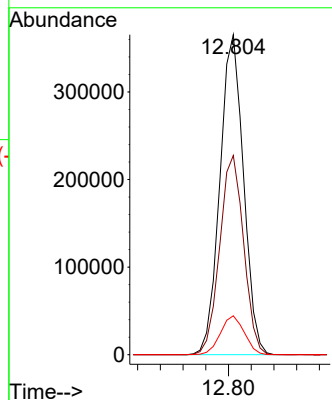
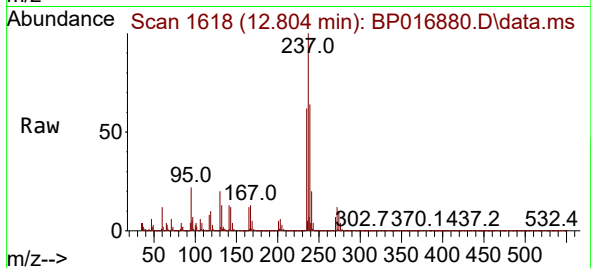
Tgt Ion:237 Resp: 527540

Ion Ratio Lower Upper

237 100

235 62.3 51.3 76.9

272 12.2 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 40.257 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

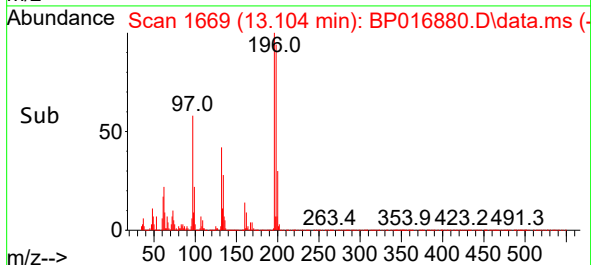
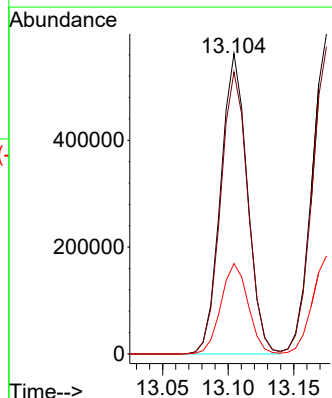
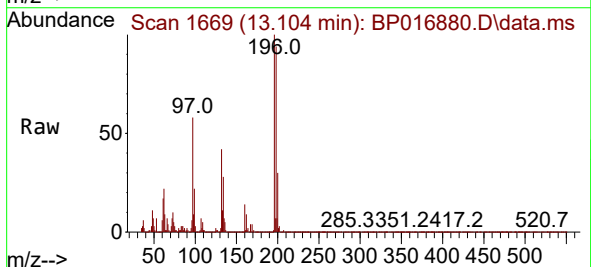
Tgt Ion:196 Resp: 796391

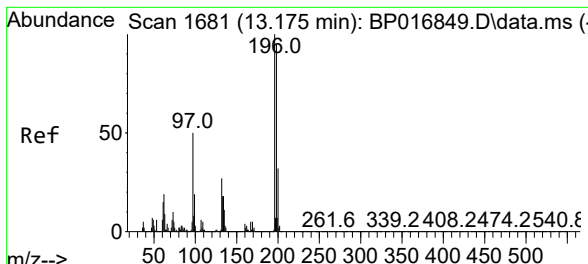
Ion Ratio Lower Upper

196 100

198 93.9 76.6 115.0

200 30.1 25.2 37.8

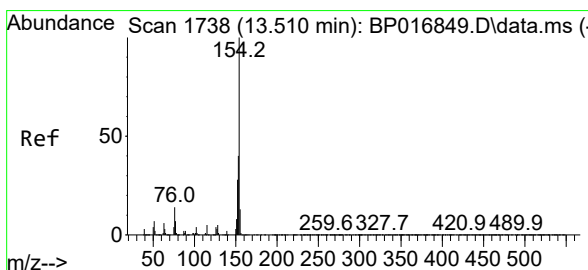
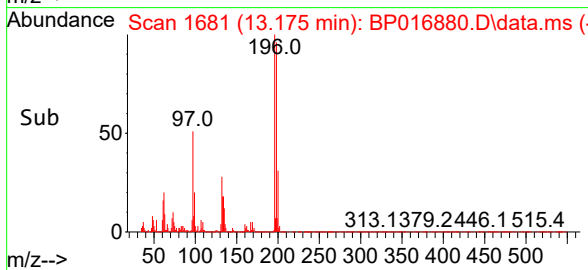
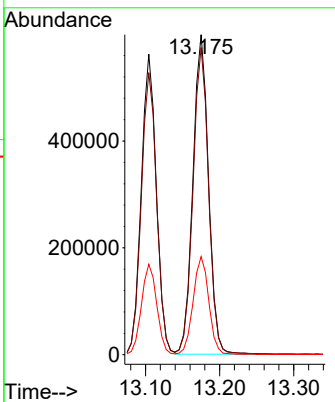
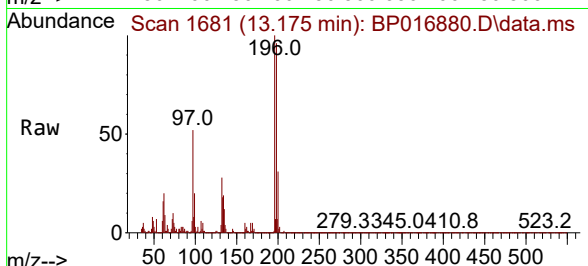




#42
 2,4,5-Trichlorophenol
 Concen: 40.924 ng/ul
 RT: 13.175 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BP016880.D
 Acq: 30 Aug 2023 20:13

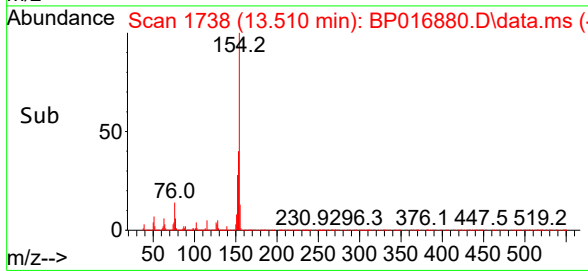
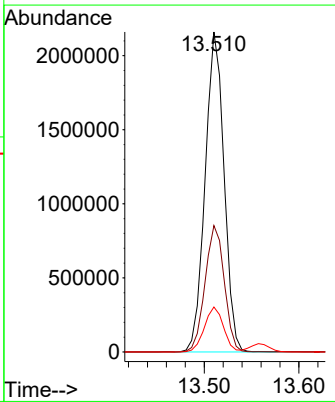
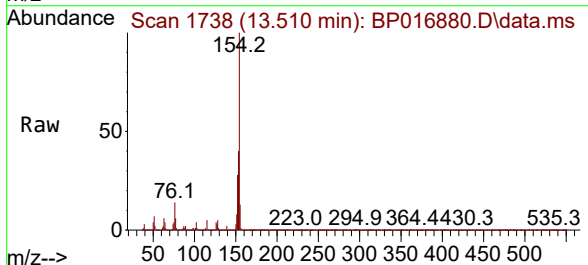
Instrument :
 BNA_P
 ClientSampleId :

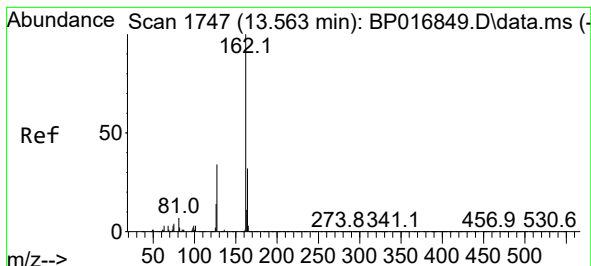
Tgt Ion:196	Resp: 876066
Ion Ratio	Lower Upper
196	100
198	96.0 77.8 116.8
200	30.7 24.8 37.2



#43
 1,1'-Biphenyl
 Concen: 38.738 ng/ul
 RT: 13.510 min Scan# 1738
 Delta R.T. 0.000 min
 Lab File: BP016880.D
 Acq: 30 Aug 2023 20:13

Tgt Ion:154	Resp: 2993655
Ion Ratio	Lower Upper
154	100
153	39.5 32.7 49.1
76	14.0 11.3 16.9

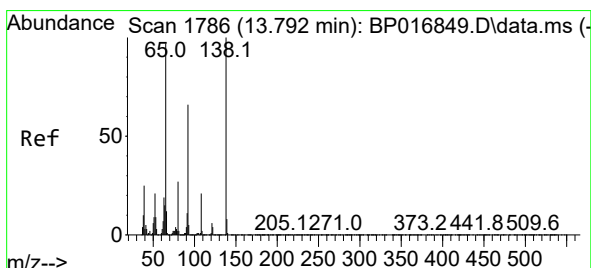
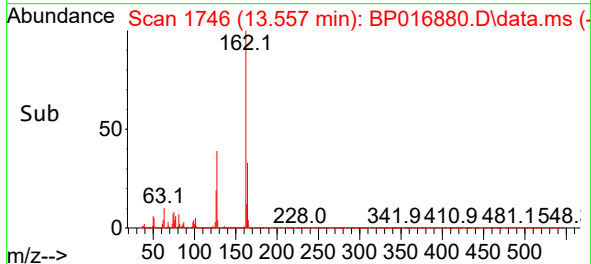
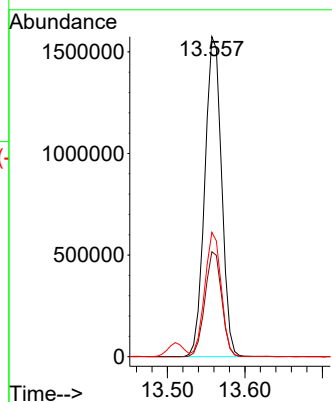
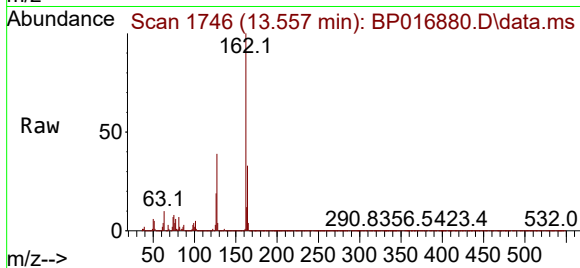




#44
2-Chloronaphthalene
Concen: 38.842 ng/ul
RT: 13.557 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

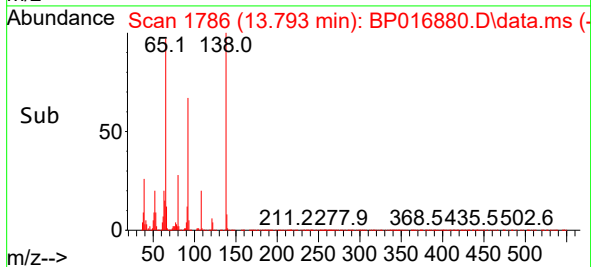
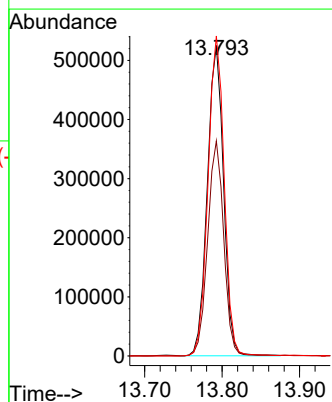
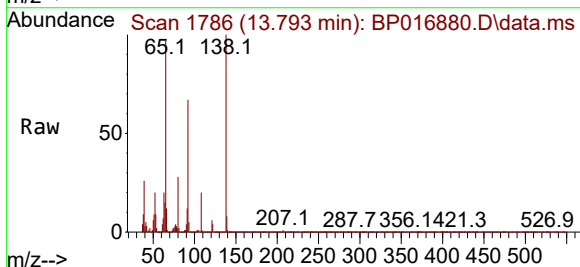
Instrument :
BNA_P
ClientSampleId :

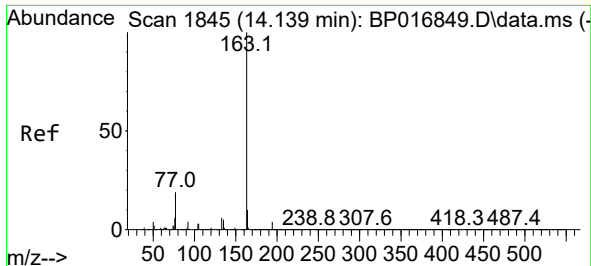
Tgt Ion:162 Resp: 2369599
Ion Ratio Lower Upper
162 100
164 32.8 26.1 39.1
127 38.9 30.8 46.2



#45
2-Nitroaniline
Concen: 41.331 ng/ul
RT: 13.793 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion: 65 Resp: 764689
Ion Ratio Lower Upper
65 100
92 69.3 53.8 80.8
138 103.1 80.7 121.1

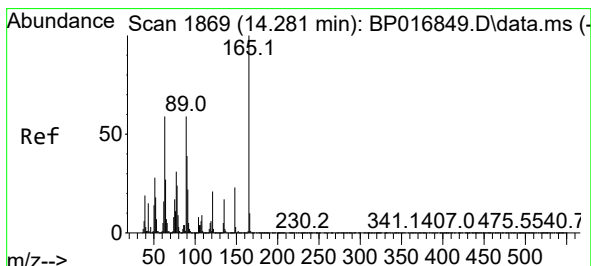
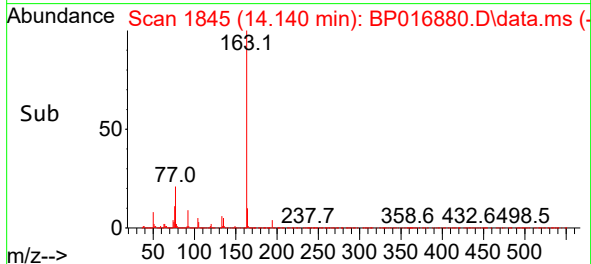
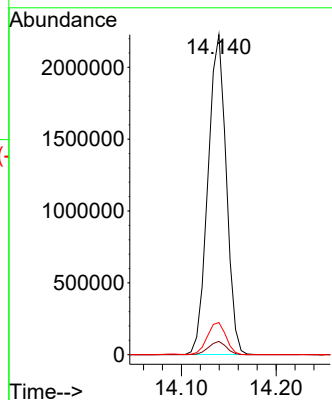
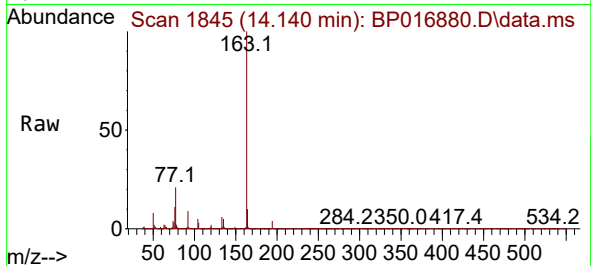




#47
Dimethylphthalate
Concen: 37.494 ng/ul
RT: 14.140 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

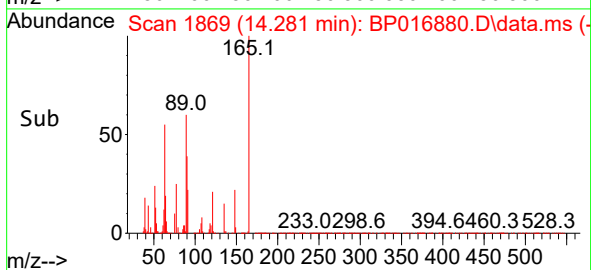
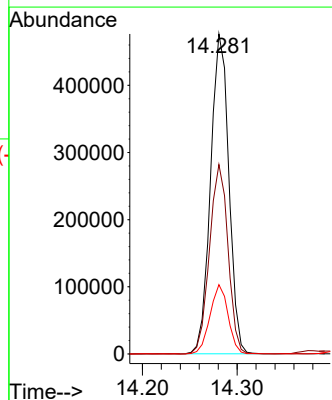
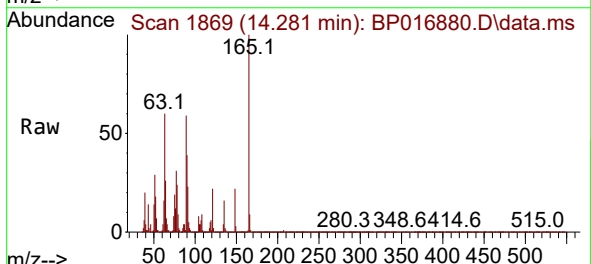
Instrument :
BNA_P
ClientSampleId :

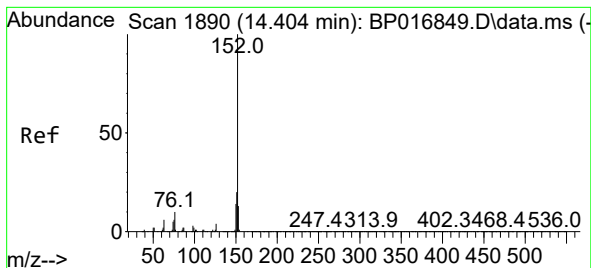
Tgt Ion:163 Resp: 2976487
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 40.882 ng/ul
RT: 14.281 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:165 Resp: 635930
Ion Ratio Lower Upper
165 100
89 59.2 48.0 72.0
121 21.6 16.9 25.3





#50

Acenaphthylene

Concen: 36.611 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

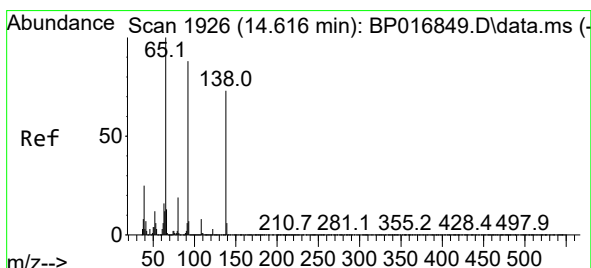
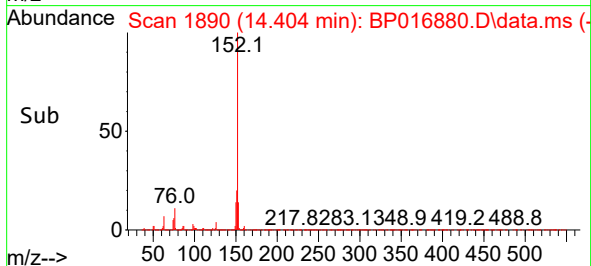
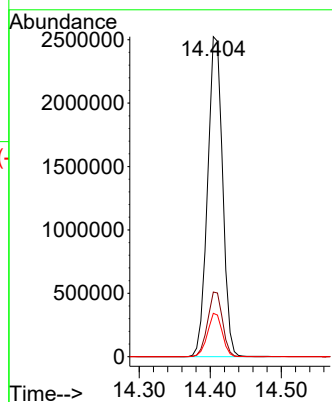
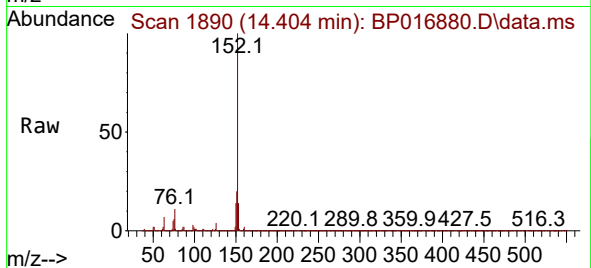
Tgt Ion:152 Resp: 3713184

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.6 10.6 15.8



#51

3-Nitroaniline

Concen: 40.407 ng/ul

RT: 14.622 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

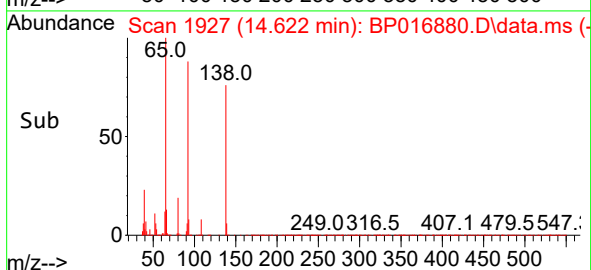
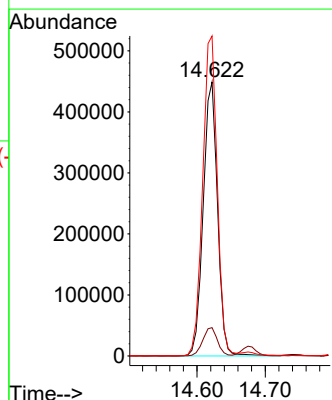
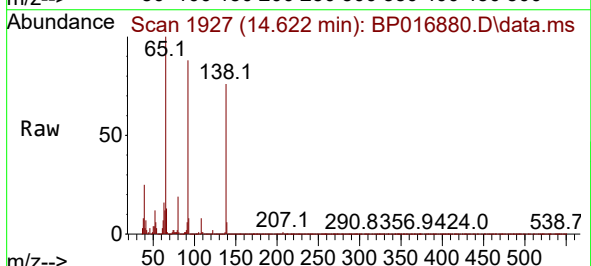
Tgt Ion:138 Resp: 654505

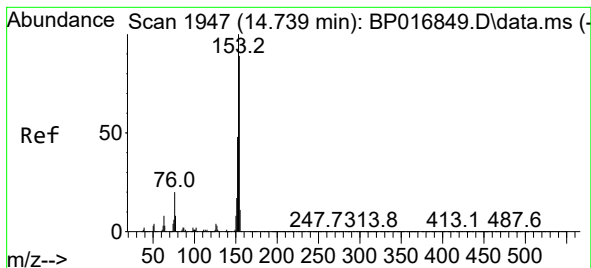
Ion Ratio Lower Upper

138 100

108 10.4 8.2 12.4

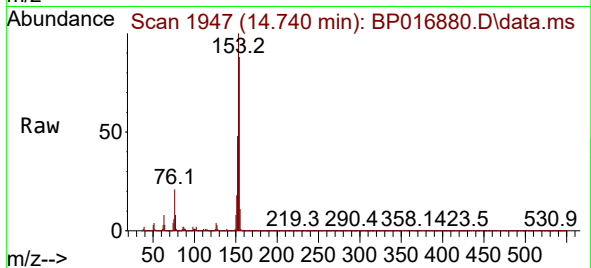
92 116.8 95.4 143.0



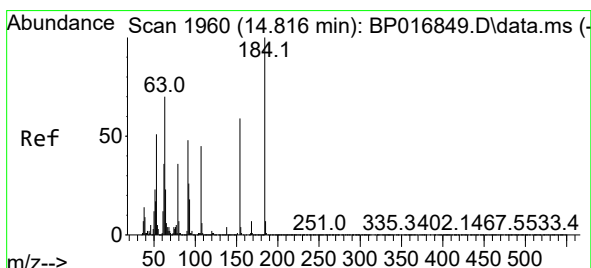
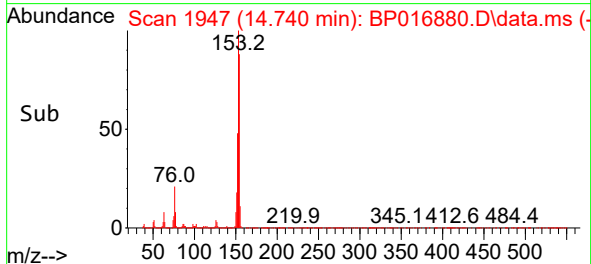
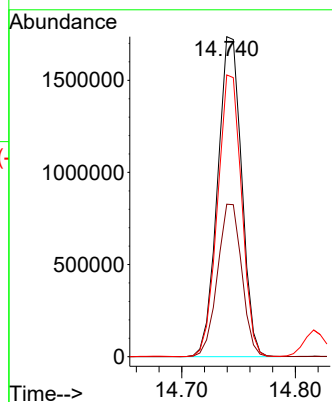


#52
Acenaphthene
Concen: 38.070 ng/ul
RT: 14.740 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Instrument :
BNA_P
ClientSampleId :

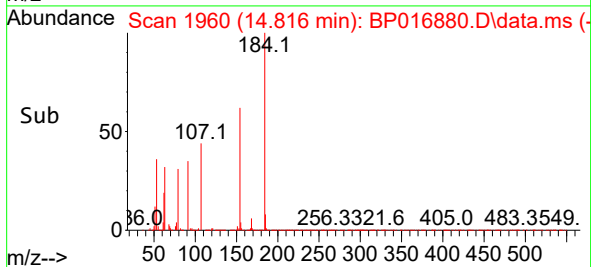
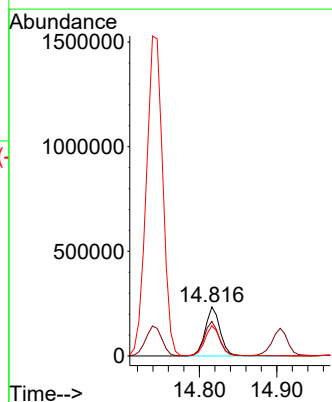
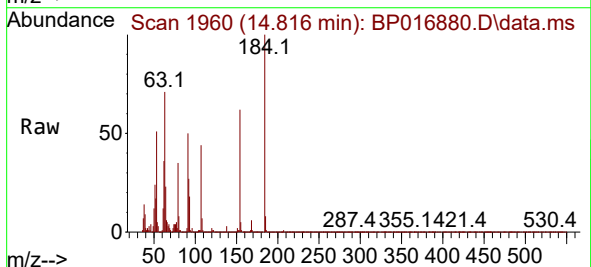


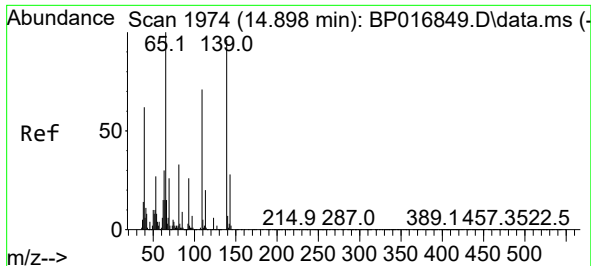
Tgt Ion:153 Resp: 2554429
Ion Ratio Lower Upper
153 100
152 47.6 38.5 57.7
154 88.1 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 27.578 ng/ul
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:184 Resp: 311721
Ion Ratio Lower Upper
184 100
63 70.5 55.3 82.9
154 61.8 50.3 75.5

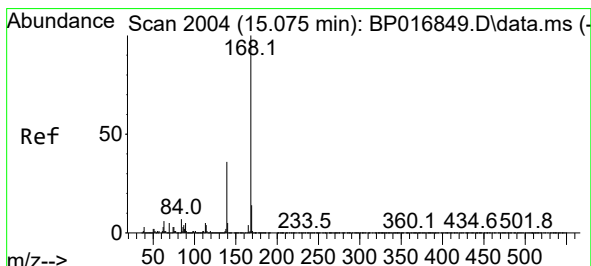
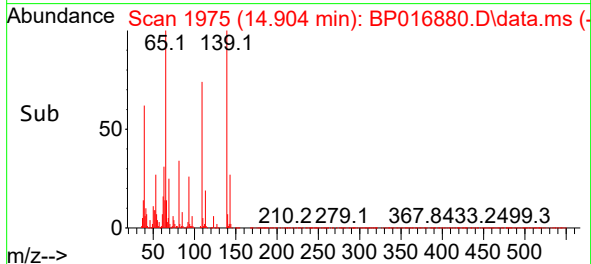
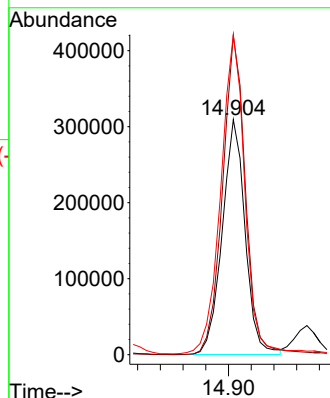
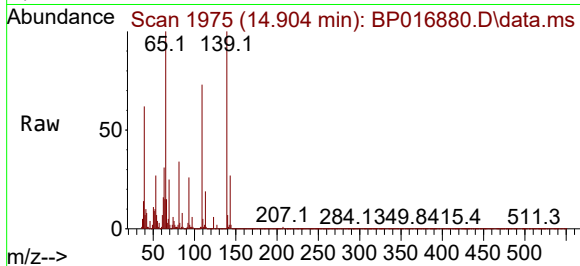




#55
4-Nitrophenol
Concen: 35.325 ng/ul
RT: 14.904 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

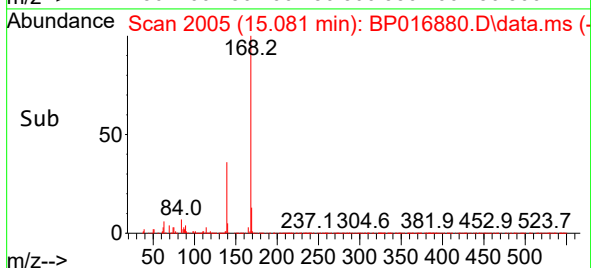
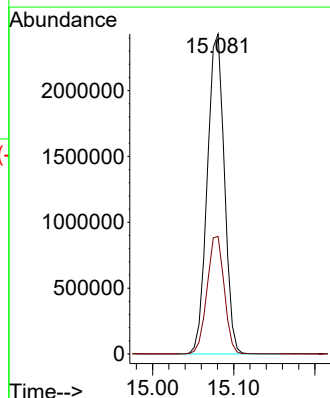
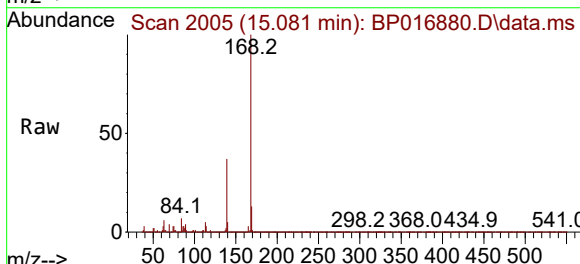
Instrument :
BNA_P
ClientSampleId :

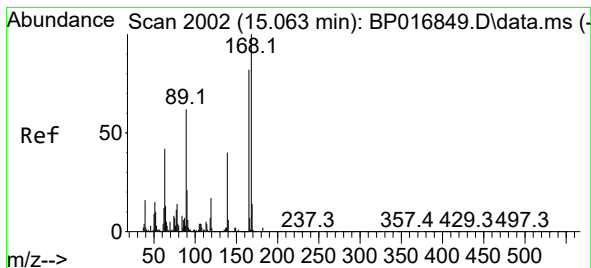
Tgt Ion:109 Resp: 432228
Ion Ratio Lower Upper
109 100
139 135.7 108.6 163.0
65 136.2 107.8 161.6



#56
Dibenzofuran
Concen: 38.464 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:168 Resp: 3541203
Ion Ratio Lower Upper
168 100
139 36.7 29.2 43.8

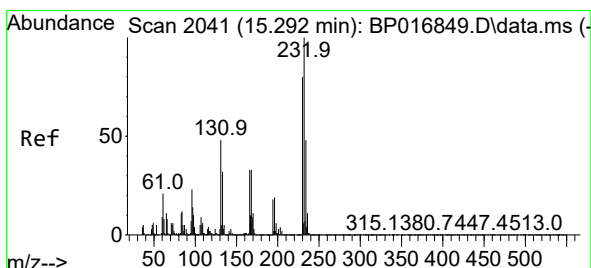
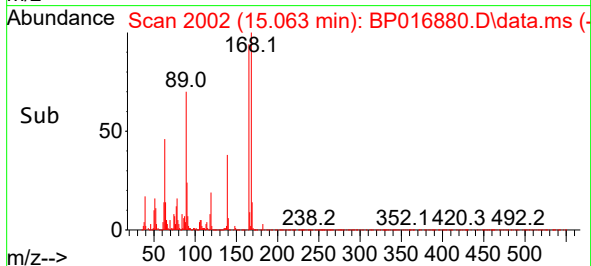
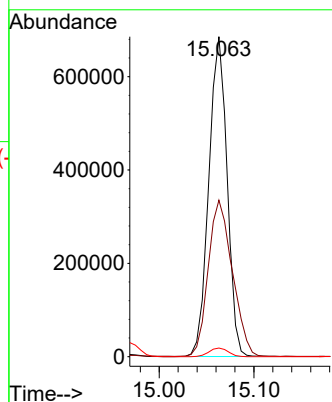
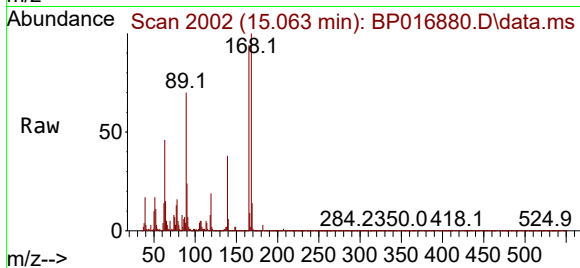




#57
2,4-Dinitrotoluene
Concen: 40.093 ng/ul
RT: 15.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

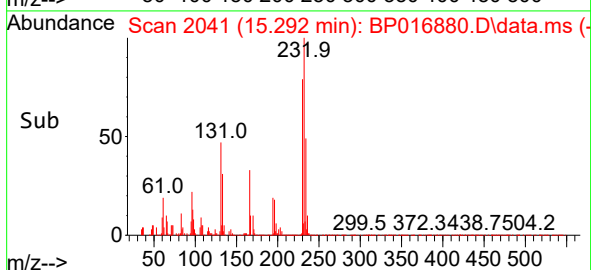
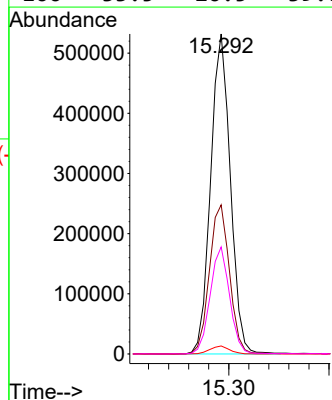
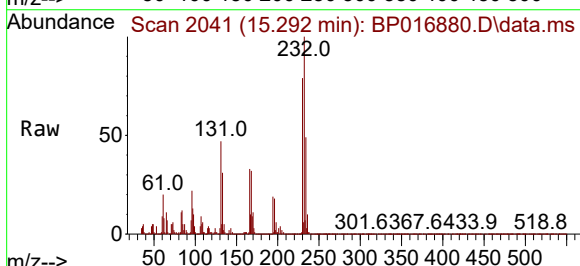
Instrument :
BNA_P
ClientSampleId :

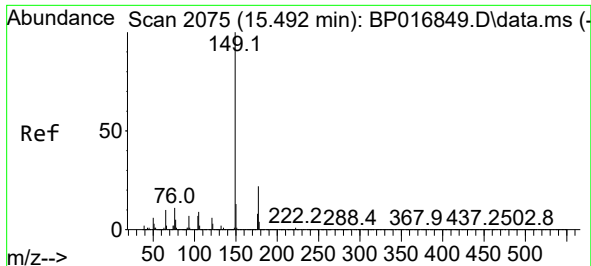
Tgt Ion:165 Resp: 917966
Ion Ratio Lower Upper
165 100
63 48.9 39.0 58.4
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.828 ng/ul
RT: 15.292 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:232 Resp: 725836
Ion Ratio Lower Upper
232 100
131 46.6 38.1 57.1
130 2.5 1.9 2.9
166 33.5 26.5 39.7

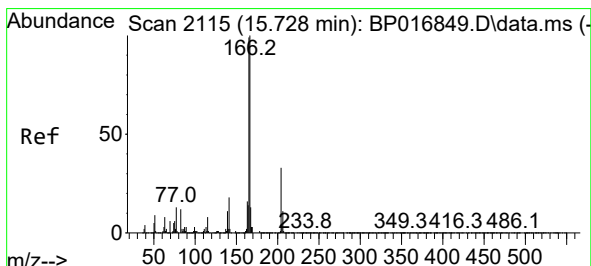
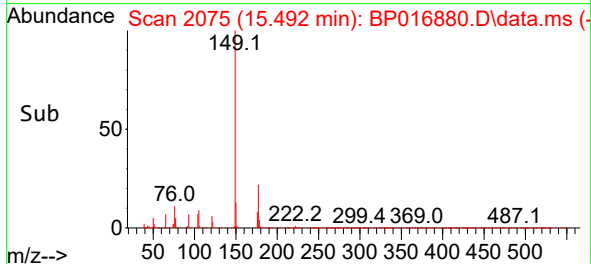
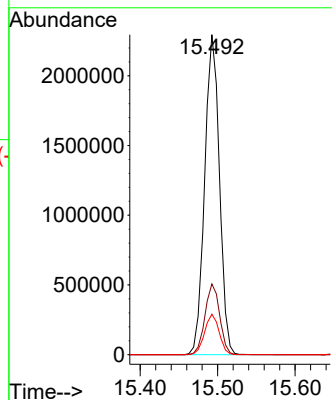
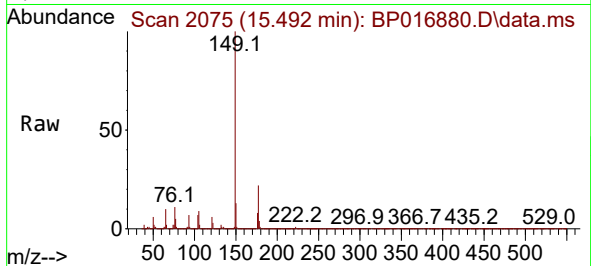




#59
Diethylphthalate
Concen: 37.594 ng/ul
RT: 15.492 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

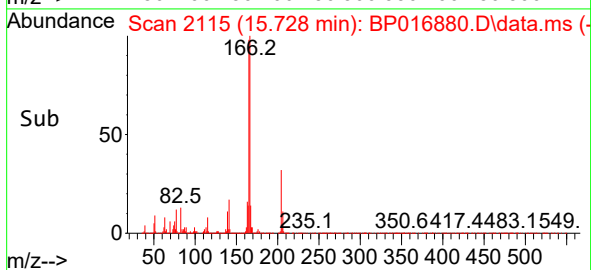
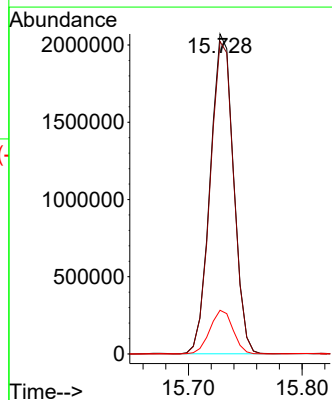
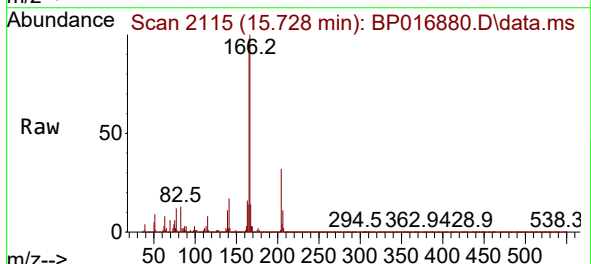
Instrument :
BNA_P
ClientSampleId :

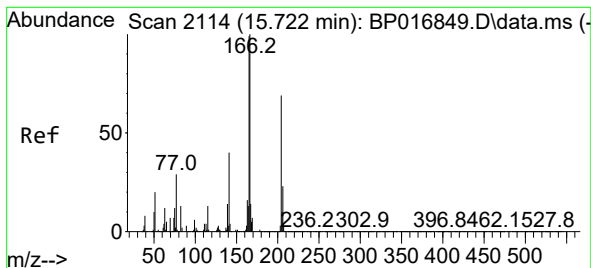
Tgt Ion:149 Resp: 3031863
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.7 10.2 15.2



#61
Fluorene
Concen: 38.219 ng/ul
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:166 Resp: 2943118
Ion Ratio Lower Upper
166 100
165 97.7 78.8 118.2
167 13.6 10.9 16.3

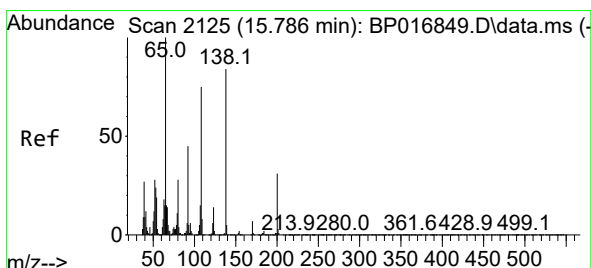
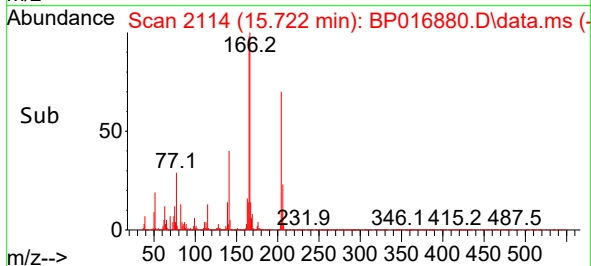
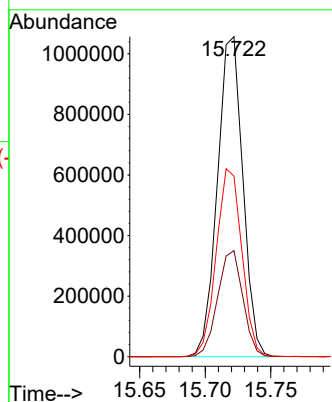
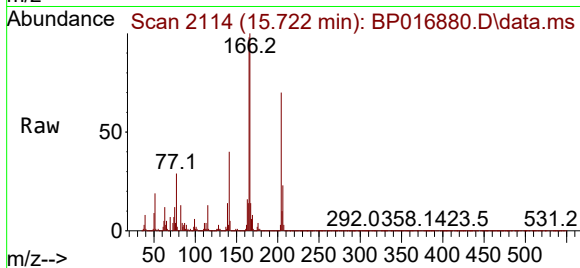




#62
4-Chlorophenyl-phenylether
Concen: 37.745 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

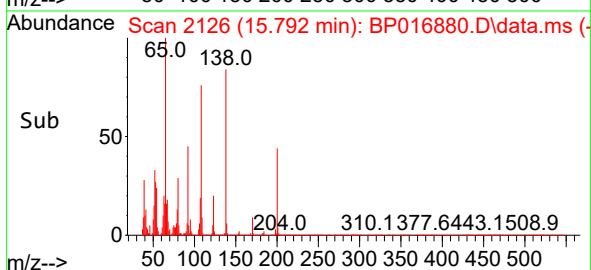
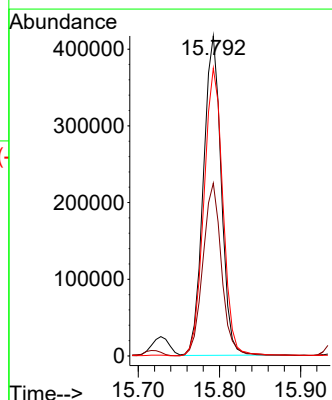
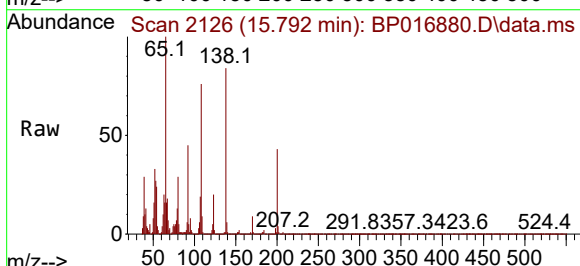
Instrument :
BNA_P
ClientSampleId :

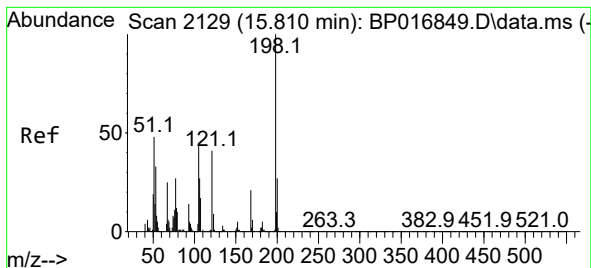
Tgt Ion:204 Resp: 1427053
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 56.4 46.8 70.2



#63
4-Nitroaniline
Concen: 41.228 ng/ul
RT: 15.792 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:138 Resp: 635442
Ion Ratio Lower Upper
138 100
92 54.0 41.6 62.4
108 90.0 74.9 112.3

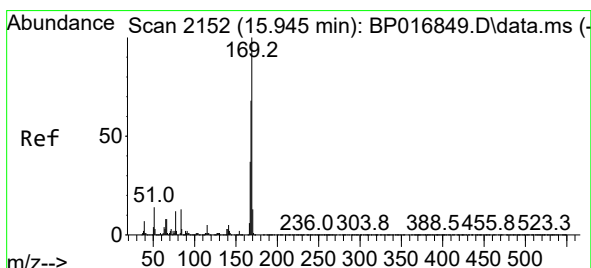
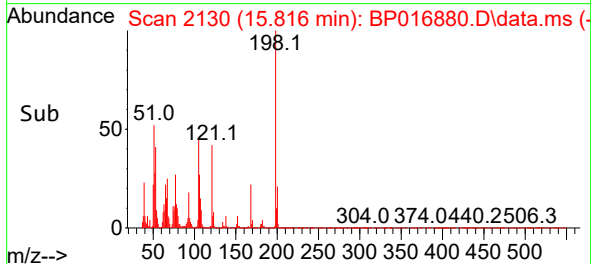
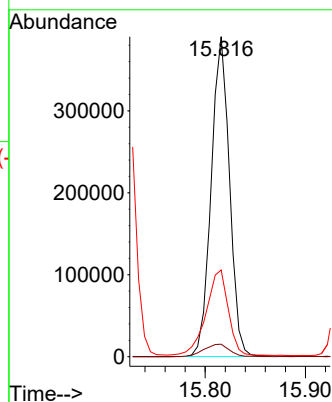
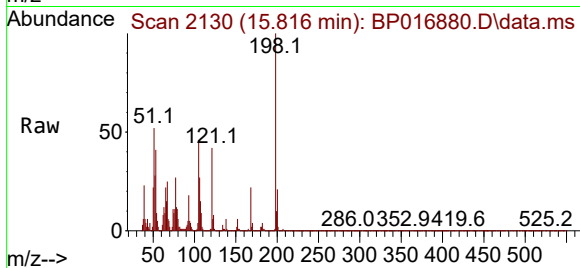




#66
4,6-Dinitro-2-methylphenol
Concen: 33.409 ng/ul
RT: 15.816 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

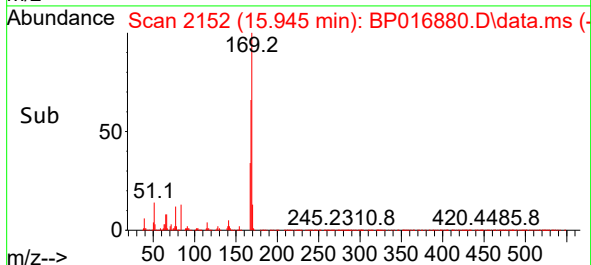
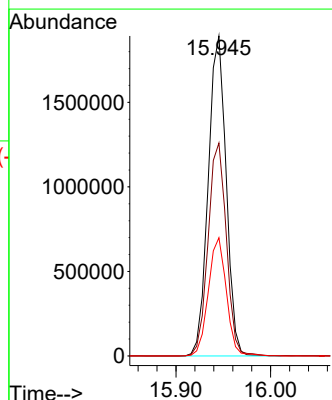
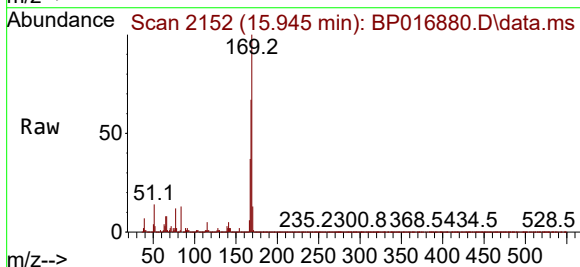
Instrument :
BNA_P
ClientSampleId :

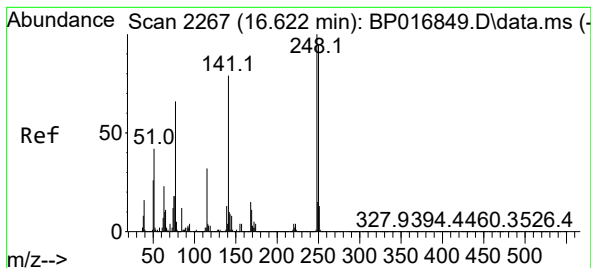
Tgt Ion:198 Resp: 493966
Ion Ratio Lower Upper
198 100
182 3.9 3.2 4.8
77 27.1 20.7 31.1



#67
N-Nitrosodiphenylamine
Concen: 39.059 ng/ul
RT: 15.945 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:169 Resp: 2487709
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.2
167 37.0 29.4 44.2

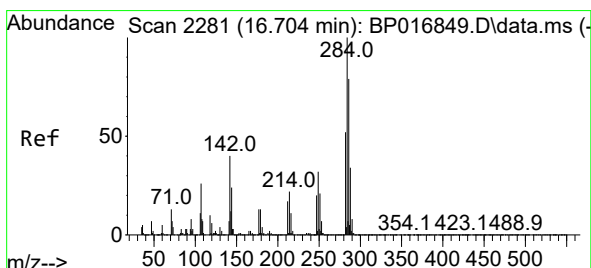
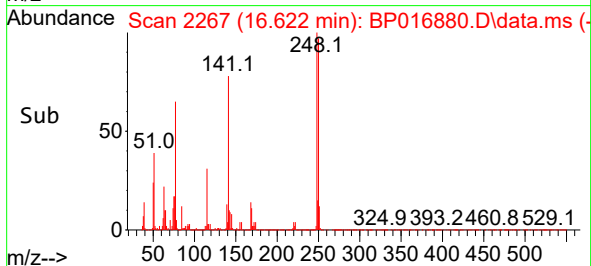
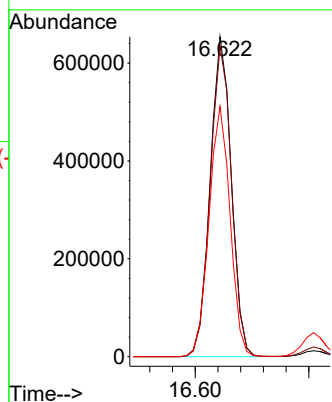
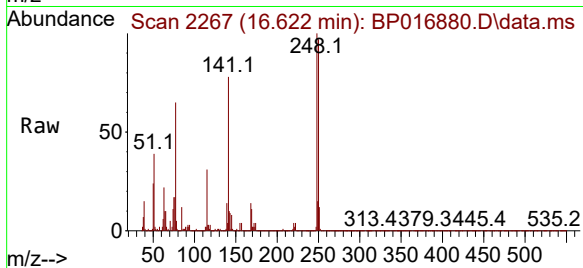




#68
4-Bromophenyl-phenylether
Concen: 38.315 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

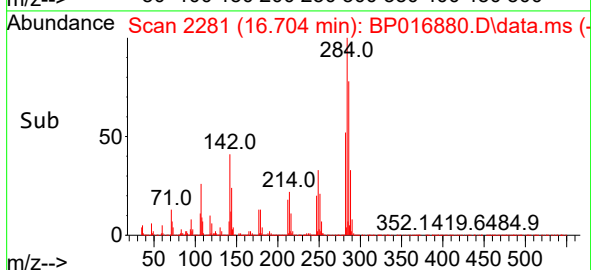
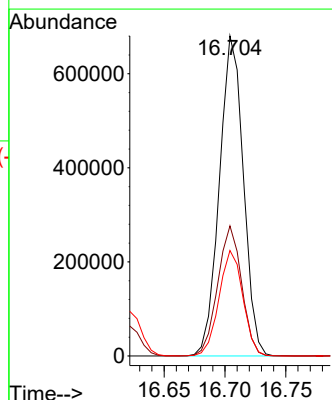
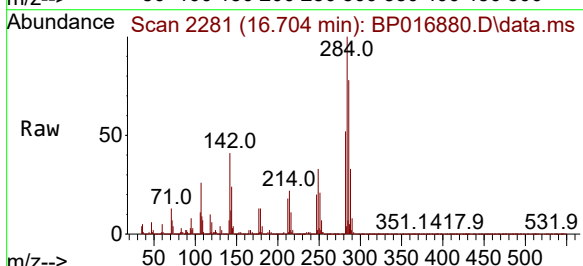
Instrument :
BNA_P
ClientSampleId :

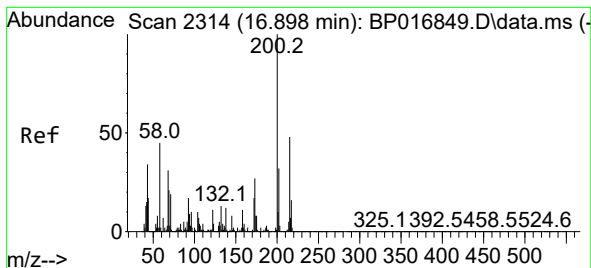
Tgt Ion:248 Resp: 845931
Ion Ratio Lower Upper
248 100
250 97.0 75.4 113.2
141 78.2 58.7 88.1



#69
Hexachlorobenzene
Concen: 37.727 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:284 Resp: 932609
Ion Ratio Lower Upper
284 100
142 40.6 29.8 44.8
249 32.9 25.9 38.9





#70

Atrazine

Concen: 35.716 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

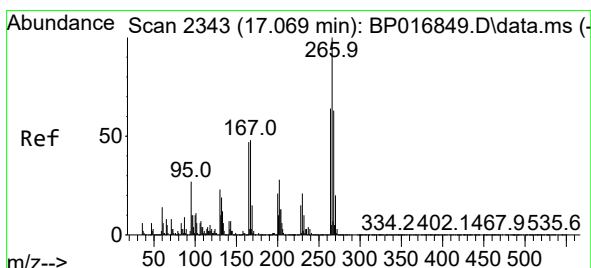
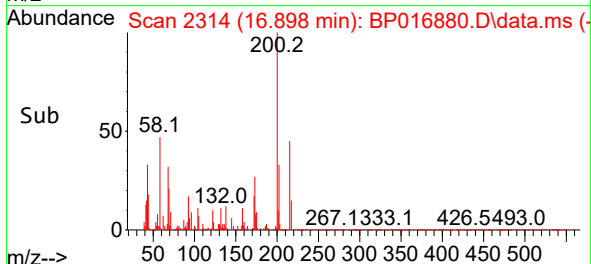
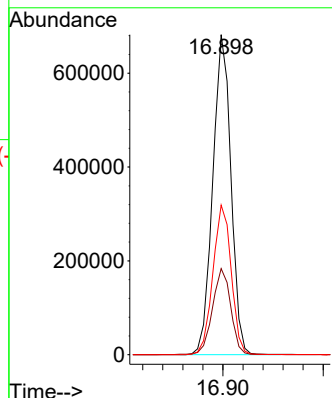
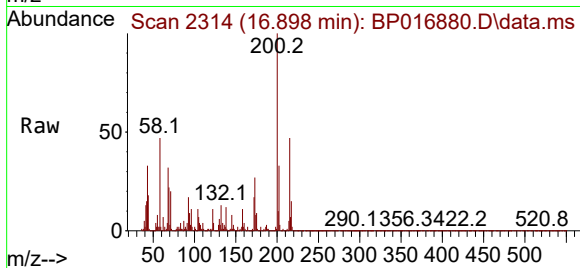
Tgt Ion:200 Resp: 857624

Ion Ratio Lower Upper

200 100

173 26.9 21.4 32.2

215 46.7 37.3 55.9



#71

Pentachlorophenol

Concen: 32.680 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

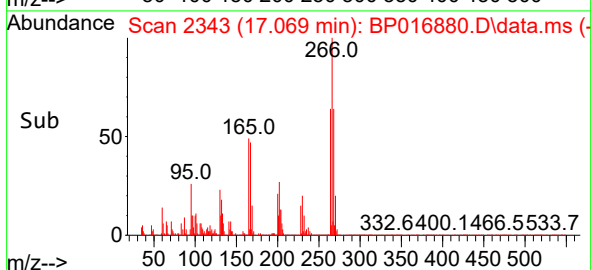
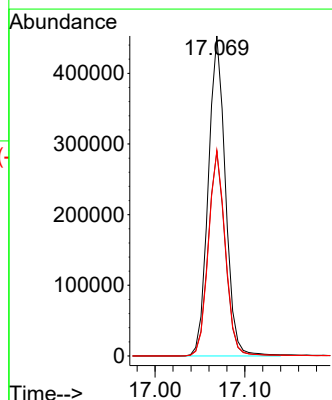
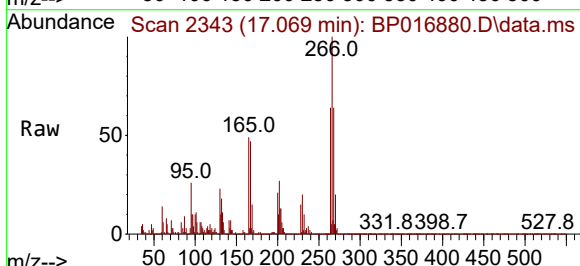
Tgt Ion:266 Resp: 599673

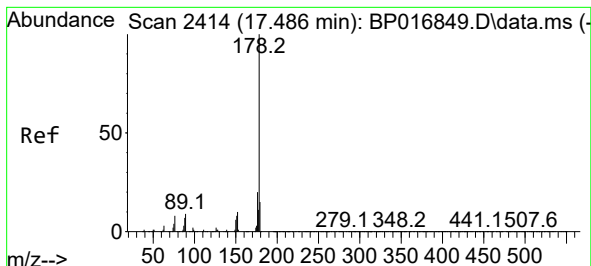
Ion Ratio Lower Upper

266 100

264 63.9 50.7 76.1

268 64.2 50.8 76.2





#72

Phenanthrene

Concen: 38.591 ng/ul

RT: 17.492 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

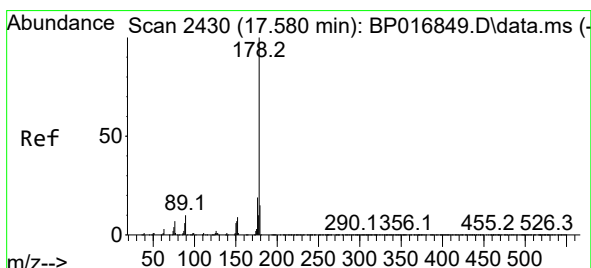
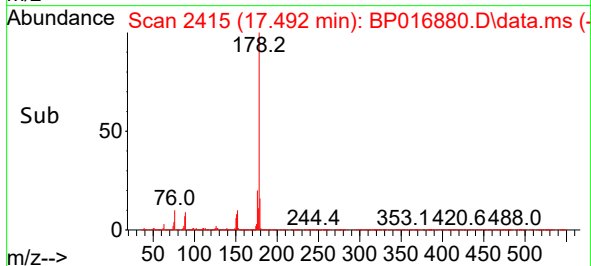
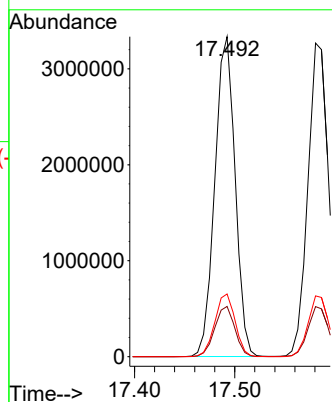
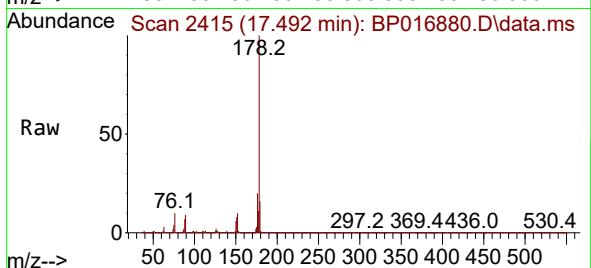
Tgt Ion:178 Resp: 4678412

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.6 15.6 23.4



#74

Anthracene

Concen: 37.927 ng/ul

RT: 17.581 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

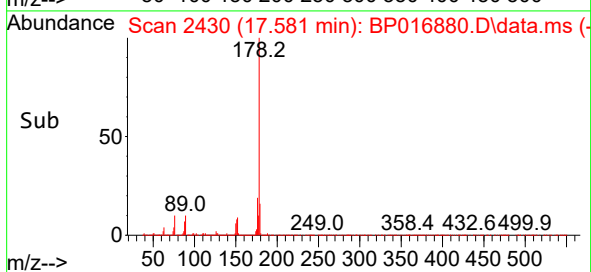
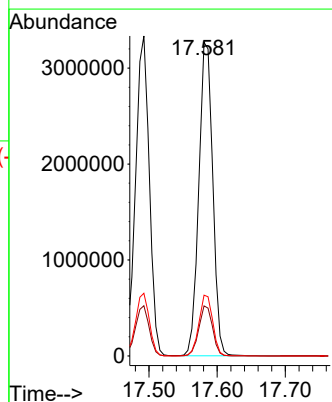
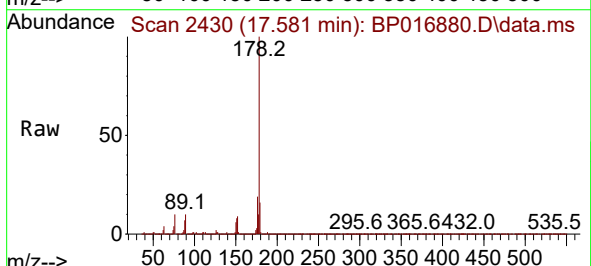
Tgt Ion:178 Resp: 4649098

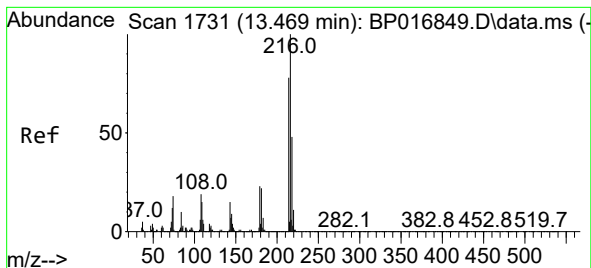
Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.4 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.644 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

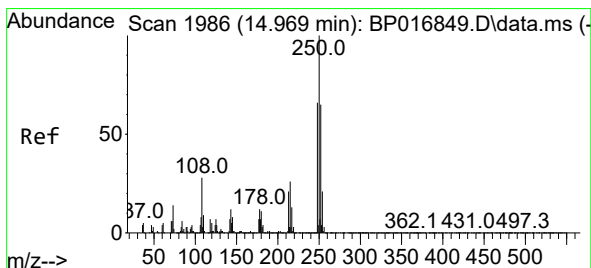
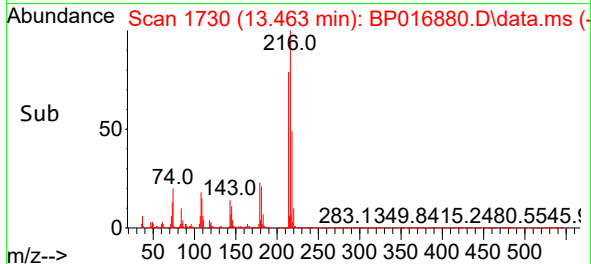
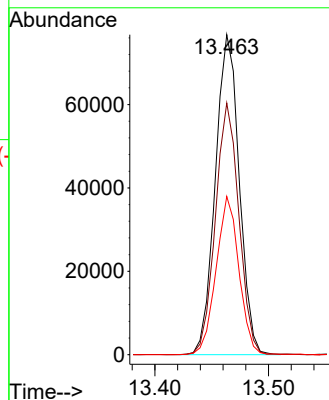
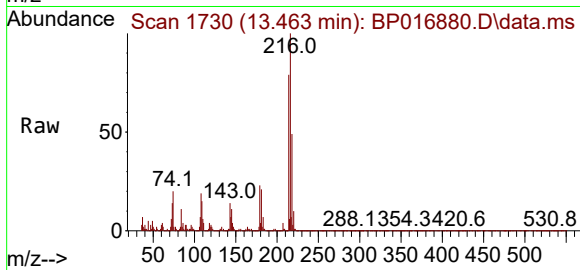
Tgt Ion:216 Resp: 112369

Ion Ratio Lower Upper

216 100

214 78.7 64.0 96.0

218 49.4 38.2 57.2



#76

Pentachlorobenzene

Concen: 40.322 ng/uL

RT: 14.969 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

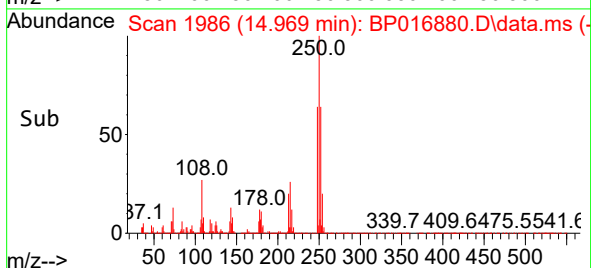
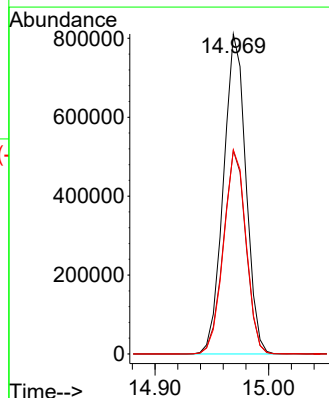
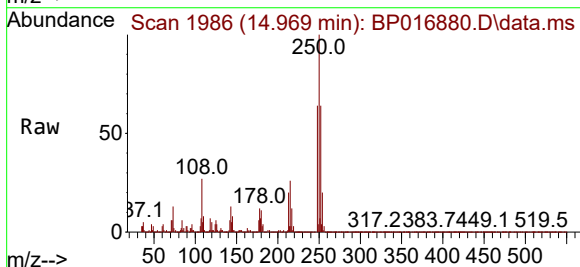
Tgt Ion:250 Resp: 1111062

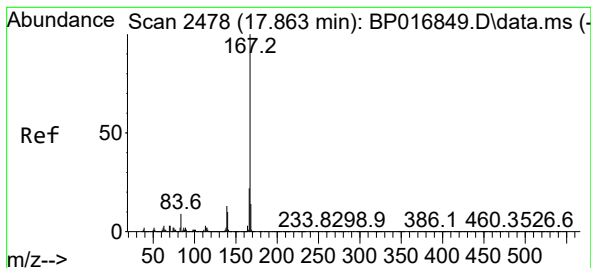
Ion Ratio Lower Upper

250 100

248 63.6 50.9 76.3

252 63.8 52.2 78.4





#77

Carbazole

Concen: 39.065 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

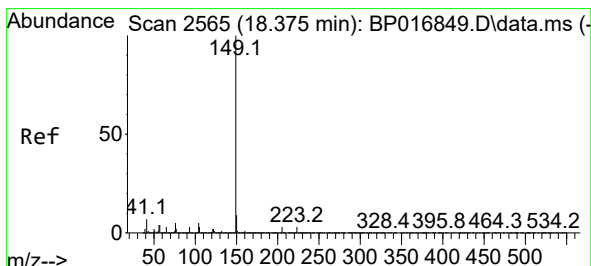
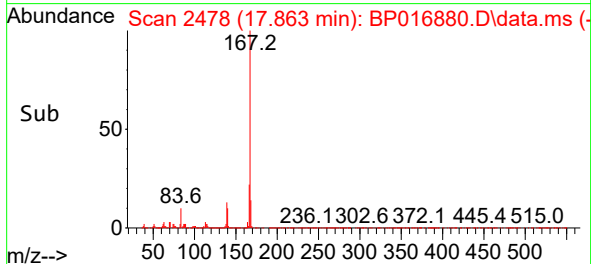
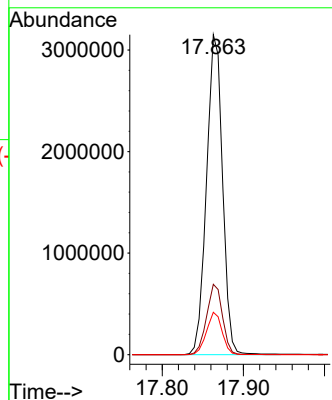
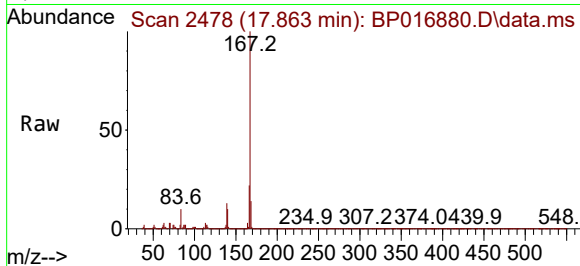
Tgt Ion:167 Resp: 4312779

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.3 10.4 15.6



#78

Di-n-butylphthalate

Concen: 39.158 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

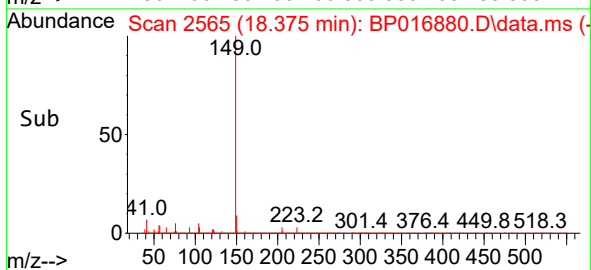
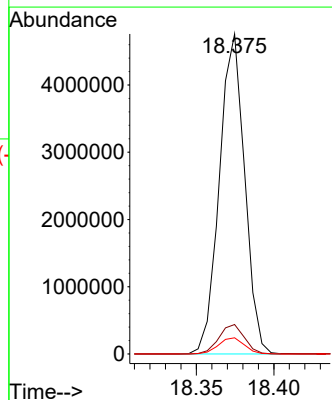
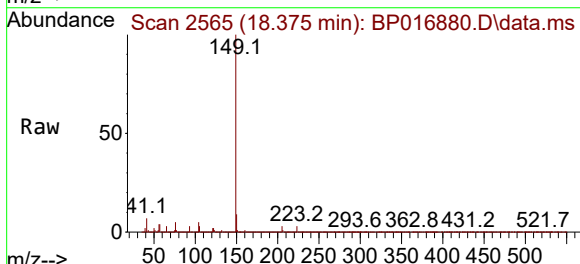
Tgt Ion:149 Resp: 5393359

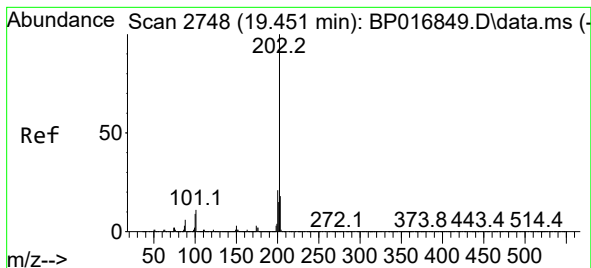
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.1 4.1 6.1





#80

Fluoranthene

Concen: 43.716 ng/ul

RT: 19.451 min Scan# 2748

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

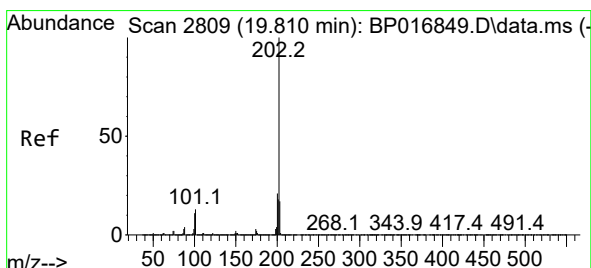
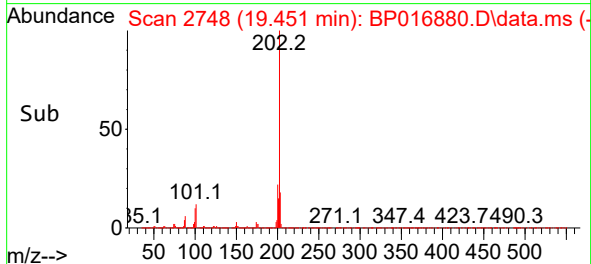
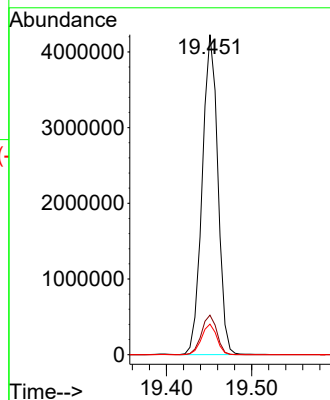
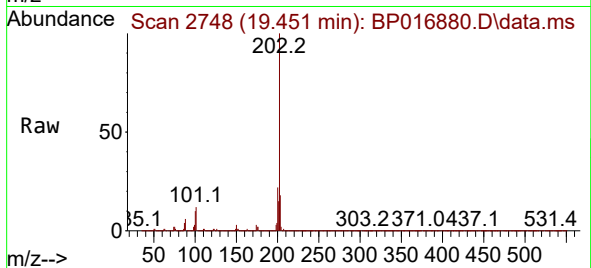
Tgt Ion:202 Resp: 5376930

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

100 9.5 7.4 11.2



#82

Pyrene

Concen: 43.705 ng/ul

RT: 19.810 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

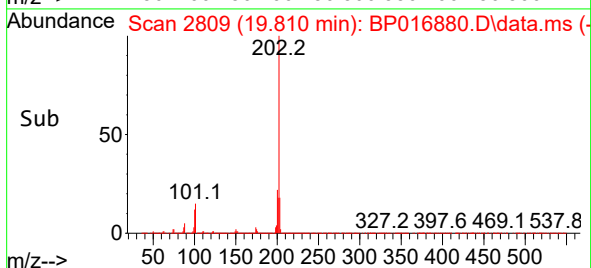
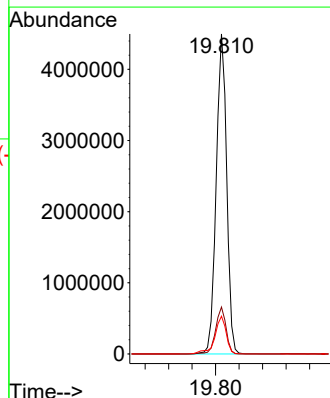
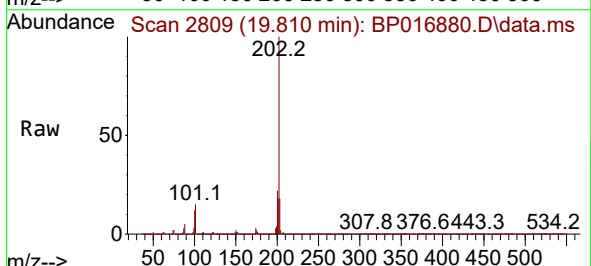
Tgt Ion:202 Resp: 5552761

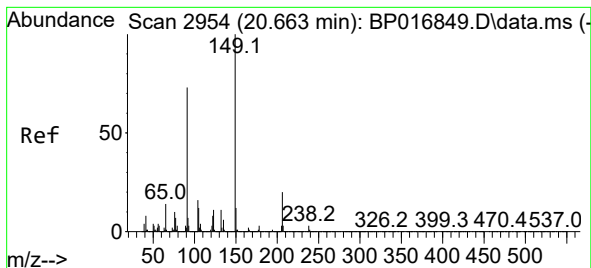
Ion Ratio Lower Upper

202 100

101 14.6 11.4 17.2

100 11.8 9.4 14.2





#83

Butylbenzylphthalate

Concen: 45.726 ng/ul

RT: 20.663 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

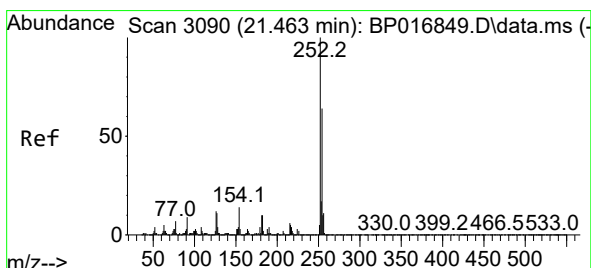
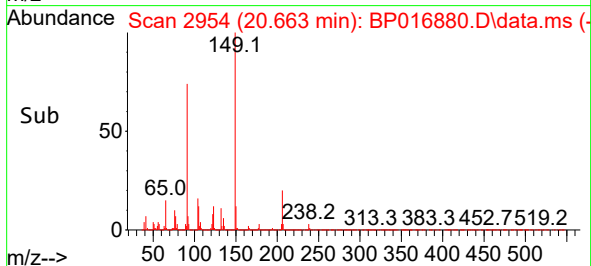
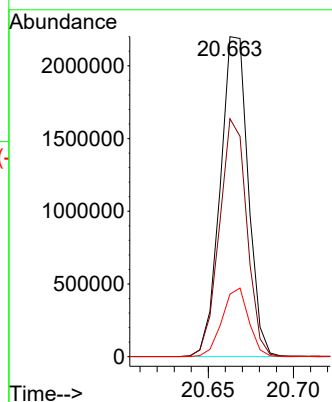
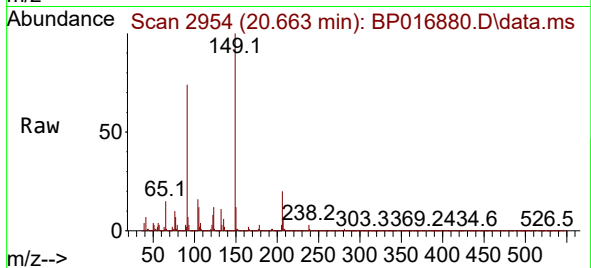
Tgt Ion:149 Resp: 2505464

Ion Ratio Lower Upper

149 100

91 74.3 58.5 87.7

206 19.6 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 38.240 ng/ul

RT: 21.463 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

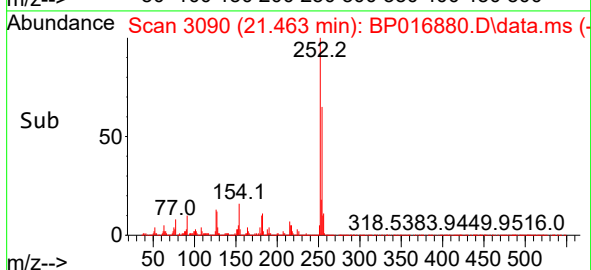
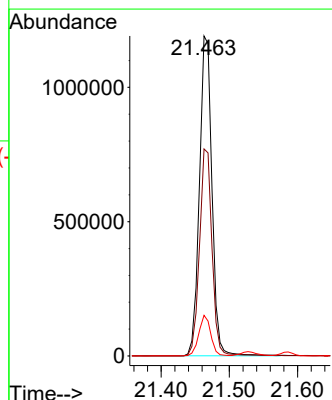
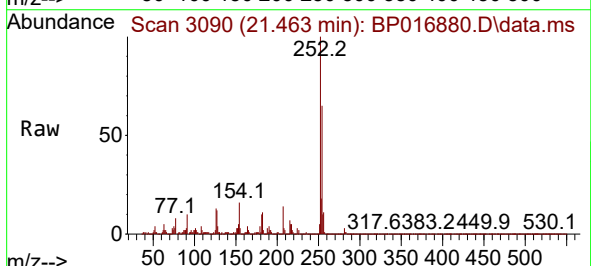
Tgt Ion:252 Resp: 1523773

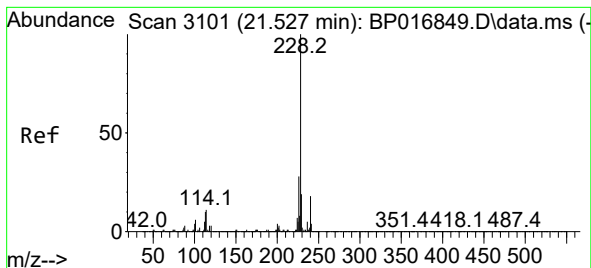
Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

126 12.7 9.6 14.4





#85

Benzo(a)anthracene

Concen: 38.929 ng/ul

RT: 21.527 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

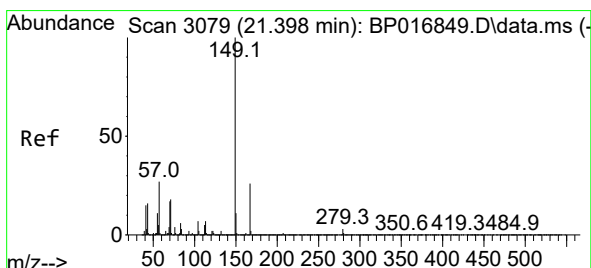
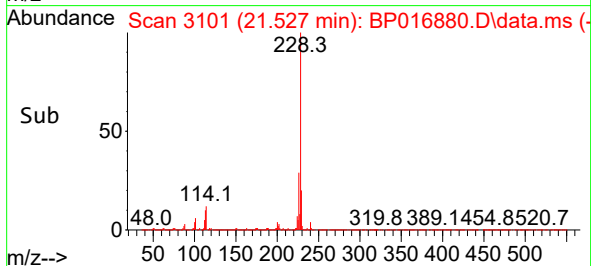
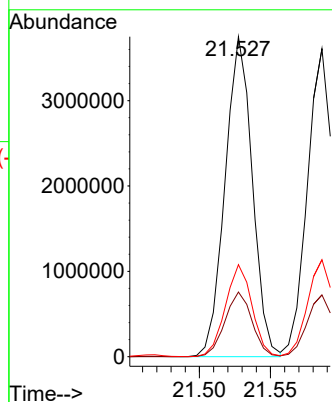
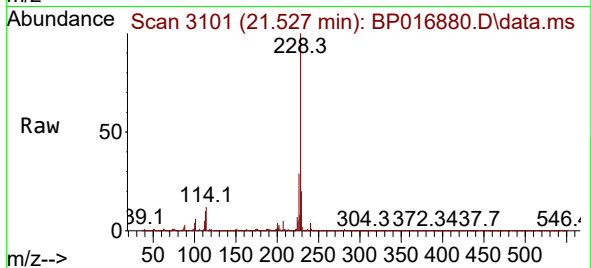
Tgt Ion:228 Resp: 4999052

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.4

226 28.7 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 45.184 ng/ul

RT: 21.404 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

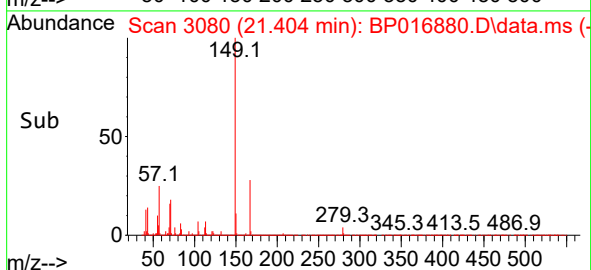
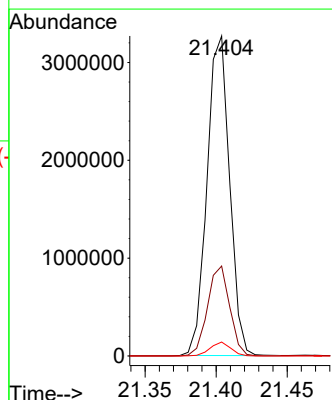
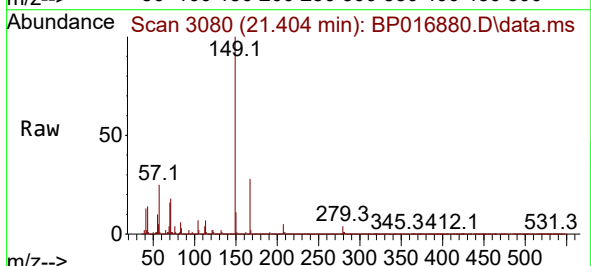
Tgt Ion:149 Resp: 3614966

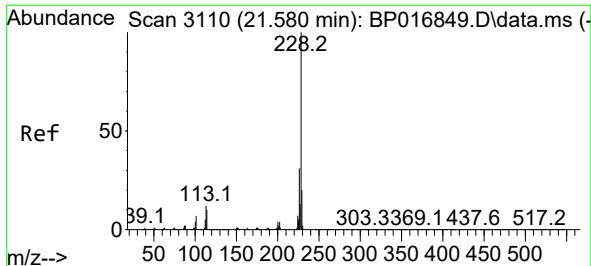
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 4.3 3.0 4.4

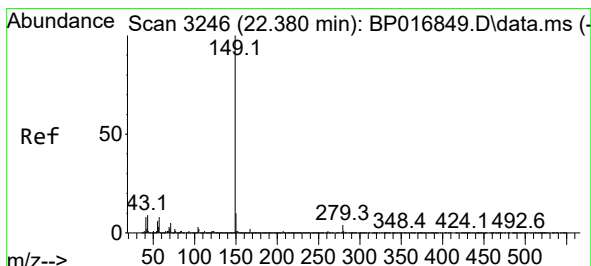
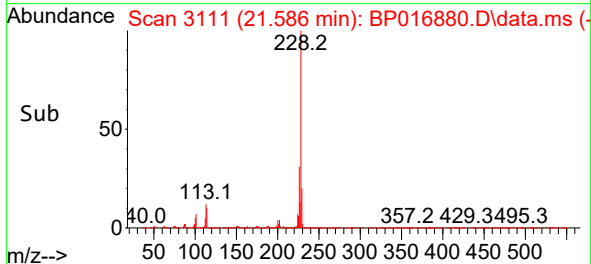
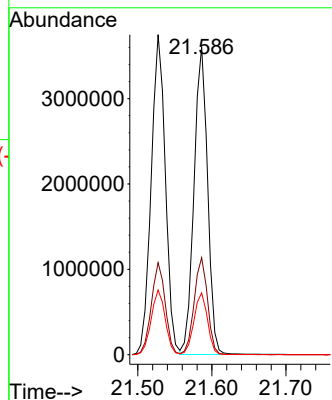
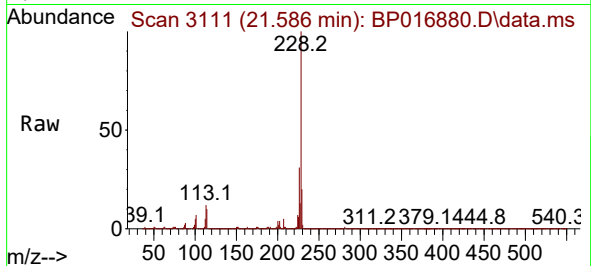




#87
Chrysene
Concen: 39.321 ng/ul
RT: 21.586 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

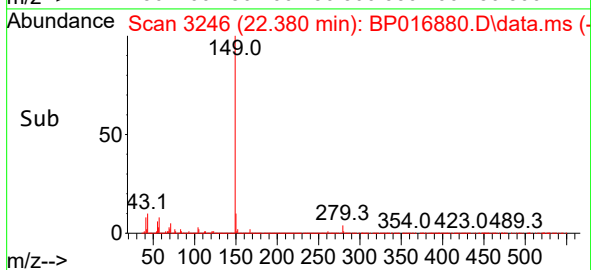
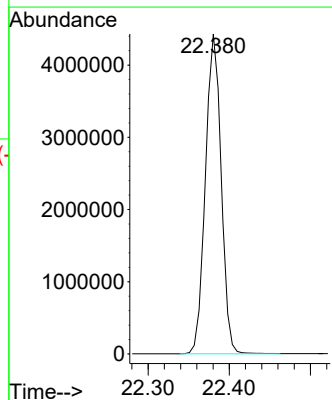
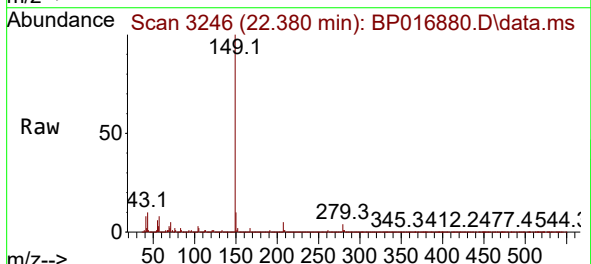
Instrument :
BNA_P
ClientSampleId :

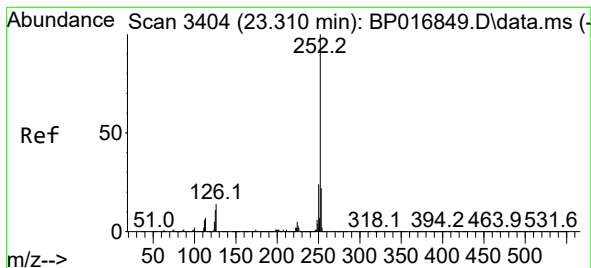
Tgt Ion:228 Resp: 4586676
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.4
229 20.1 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 49.451 ng/ul
RT: 22.380 min Scan# 3246
Delta R.T. 0.000 min
Lab File: BP016880.D
Acq: 30 Aug 2023 20:13

Tgt Ion:149 Resp: 5947076





#90

Benzo(b)fluoranthene

Concen: 41.897 ng/ul

RT: 23.310 min Scan# 3404

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

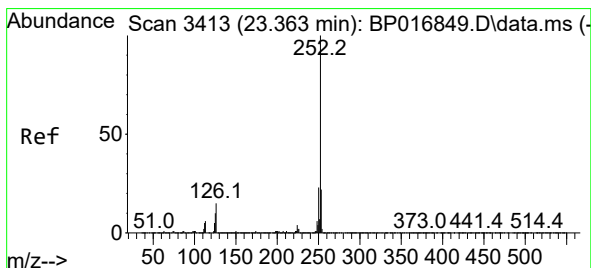
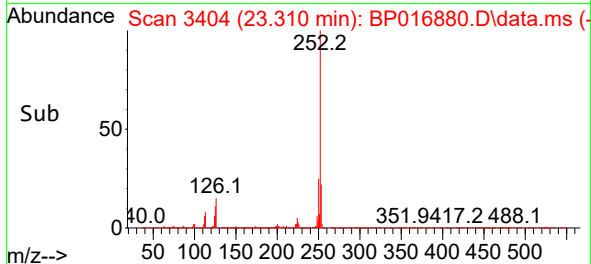
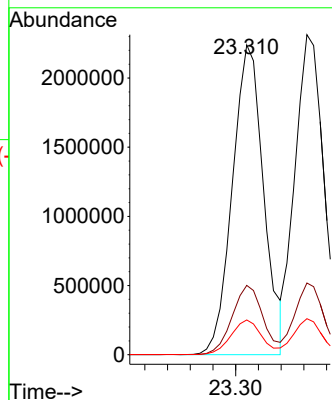
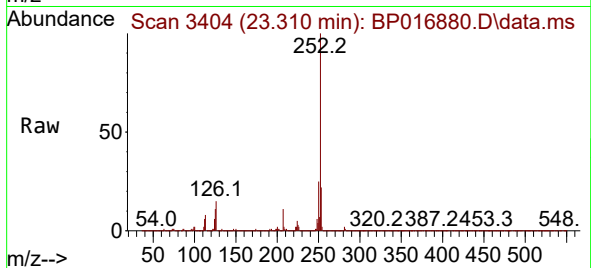
Tgt Ion:252 Resp: 4272579

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.2 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 40.480 ng/ul

RT: 23.363 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

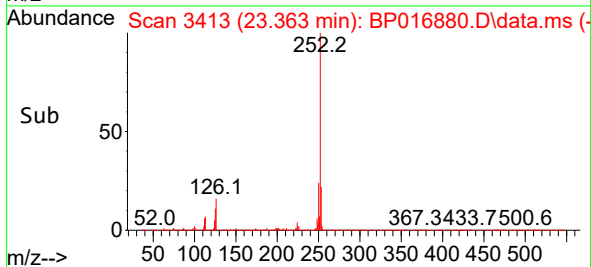
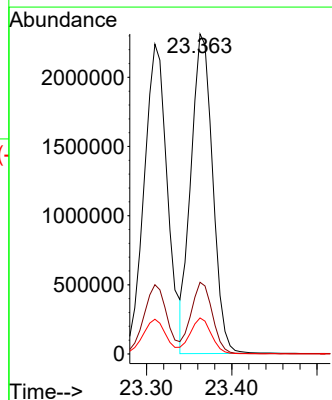
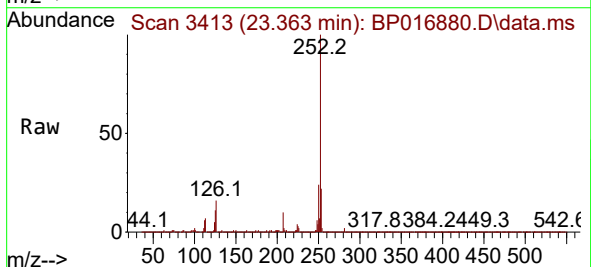
Tgt Ion:252 Resp: 4082586

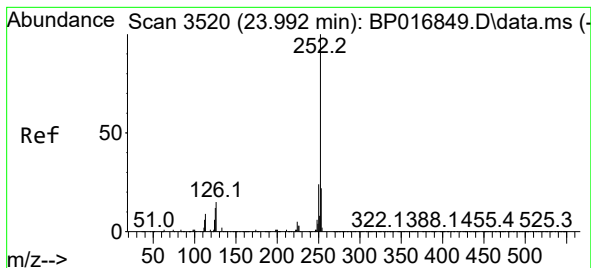
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 11.2 8.9 13.3





#93

Benzo(a)pyrene

Concen: 38.538 ng/ul

RT: 23.998 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

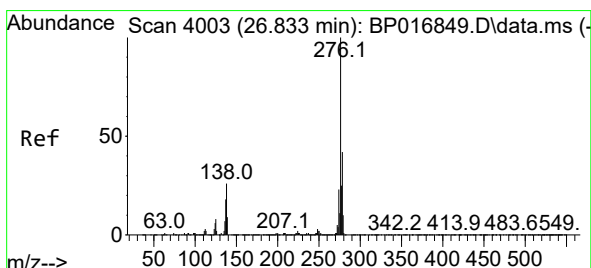
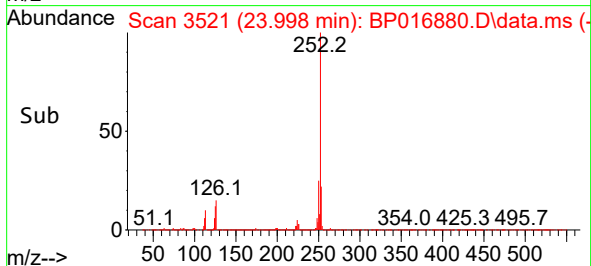
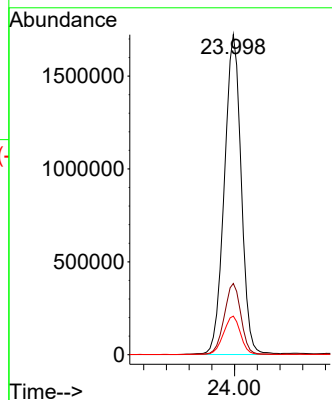
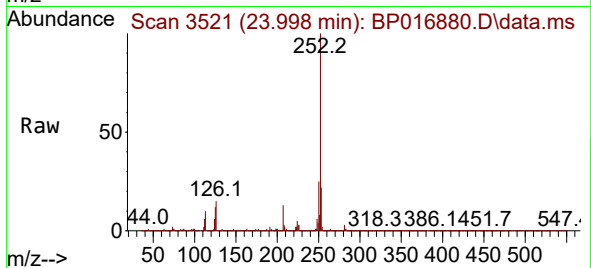
Tgt Ion:252 Resp: 3554760

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 12.1 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 43.008 ng/ul

RT: 26.845 min Scan# 4005

Delta R.T. 0.012 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

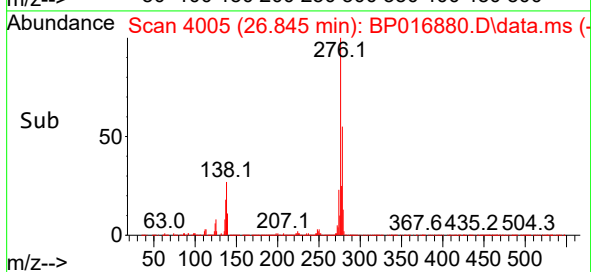
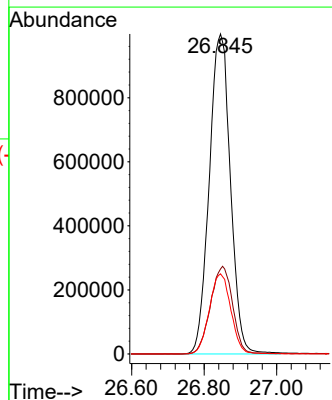
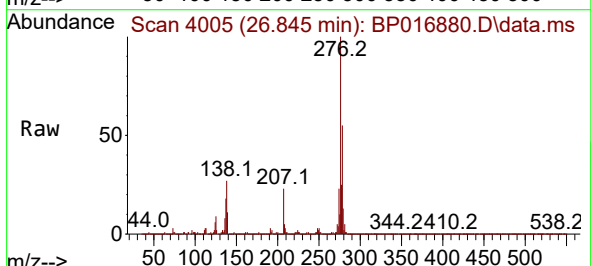
Tgt Ion:276 Resp: 4053821

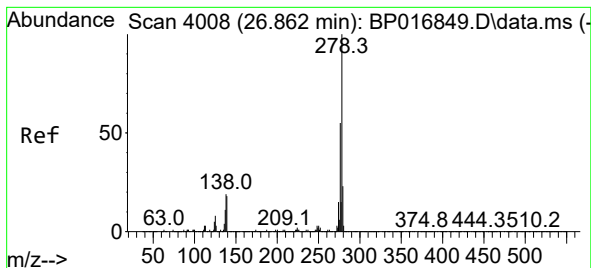
Ion Ratio Lower Upper

276 100

138 26.5 20.9 31.3

277 25.0 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 42.885 ng/ul

RT: 26.868 min Scan# 4008

Delta R.T. 0.006 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Instrument :

BNA_P

ClientSampleId :

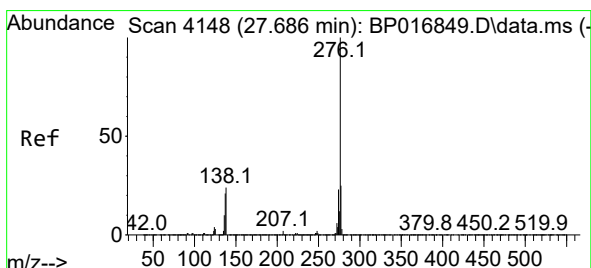
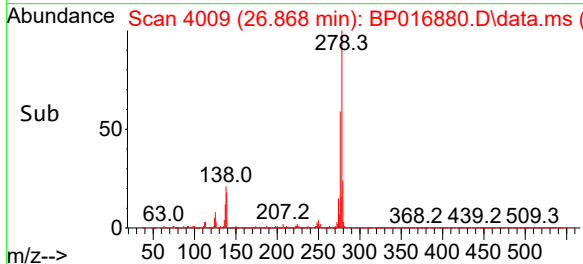
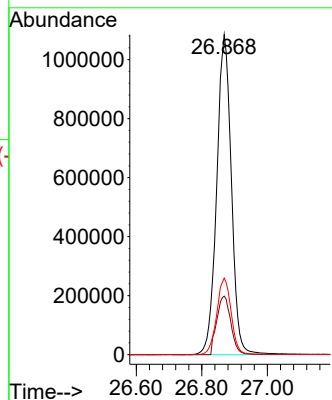
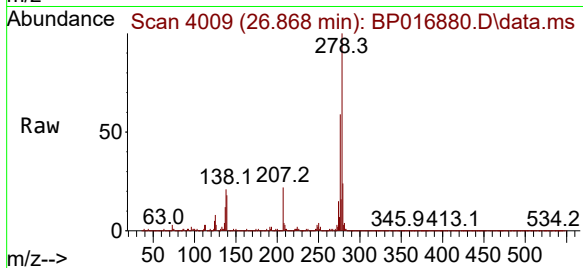
Tgt Ion:278 Resp: 3357346

Ion Ratio Lower Upper

278 100

139 18.3 15.0 22.6

279 24.0 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 45.151 ng/ul

RT: 27.698 min Scan# 4150

Delta R.T. 0.012 min

Lab File: BP016880.D

Acq: 30 Aug 2023 20:13

Tgt Ion:276 Resp: 3226486

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

277 24.1 19.3 28.9

