

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016867.D
 Acq On : 30 Aug 2023 11:30
 Operator : MA/JU
 Sample : PB155160BS
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:48:32 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	338196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.851	136	1484749	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	920562	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2032163	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1719223	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1521981	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	54941	6.714	ng/uL	0.00
4) Pyridine-d5	3.811	84	651550	26.055	ng/u1	0.00
7) Phenol-d5	7.169	99	1121318	37.287	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	673217	35.124	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	828090	36.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	873755	35.592	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	411752	36.678	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	449958	38.025	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	857437	38.867	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	534455	15.798	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	2511682	36.179	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	2921591	37.227	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	473277	32.983	ng/u1	0.00
60) Fluorene-d10	15.675	176	2171510	37.144	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	396932	32.798	ng/u1	0.00
73) Anthracene-d10	17.545	188	3441446	38.206	ng/u1	0.00
81) Pyrene-d10	19.780	212	3937558	41.701	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	2966071	38.906	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	116205	13.040	ng/uL	99
5) Pyridine	3.834	79	776546	30.147	ng/u1	99
6) Benzaldehyde	7.181	77	657461	39.978	ng/u1	99
8) Phenol	7.199	94	1137894	36.156	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.457	93	877282	34.533	ng/u1	99
12) 2-Chlorophenol	7.575	128	850035	36.780	ng/u1	99
13) 2-Methylphenol	8.463	108	835117	35.374	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	709119	19.136	ng/u1	99
16) Acetophenone	8.875	105	1353630	35.560	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.846	70	711578	35.471	ng/u1	99
18) 4-Methylphenol	8.799	108	932408	36.270	ng/u1	97
19) Hexachloroethane	9.093	117	335982	34.939	ng/u1	99
22) Nitrobenzene	9.263	77	1048647	36.411	ng/u1	100
23) Isophorone	9.781	82	1993250	35.635	ng/u1	100
25) 2-Nitrophenol	9.969	139	489374	37.402	ng/u1	100
26) 2,4-Dimethylphenol	10.004	107	958619	36.452	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.263	93	1225569	35.514	ng/u1	100
29) 2,4-Dichlorophenol	10.487	162	836393	37.744	ng/u1	99
30) Naphthalene	10.904	128	2769370	36.007	ng/u1	100
32) 4-Chloroaniline	11.034	127	1056899	31.790	ng/u1	99
33) Hexachlorobutadiene	11.134	225	475324	34.822	ng/u1	99
34) Caprolactam	11.863	113	228788	27.996	ng/u1	99
35) 4-Chloro-3-methylphenol	12.134	107	935215	37.635	ng/u1	98
36) 2-Methylnaphthalene	12.504	142	1892969	35.657	ng/u1	99

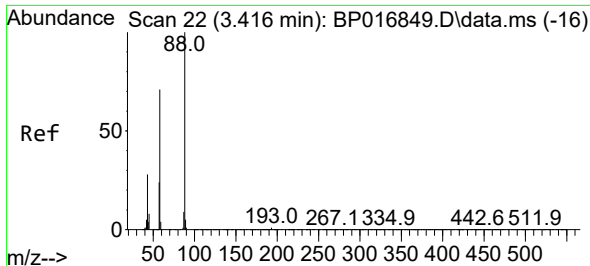
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1832270	34.226	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.851	216	939641	35.813	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	471201	24.421	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	665238	37.968	ng/ul	98
42) 2,4,5-Trichlorophenol	13.175	196	737053	38.875	ng/ul	97
43) 1,1'-Biphenyl	13.510	154	2532145	36.996	ng/ul	100
44) 2-Chloronaphthalene	13.557	162	2018562	37.359	ng/ul	99
45) 2-Nitroaniline	13.792	65	630672	38.488	ng/ul	96
47) Dimethylphthalate	14.139	163	2538364	36.103	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	526655	38.227	ng/ul	99
50) Acenaphthylene	14.404	152	3186845	35.478	ng/ul	100
51) 3-Nitroaniline	14.622	138	573649	39.987	ng/ul	99
52) Acenaphthene	14.739	153	2188228	36.823	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	250101	24.983	ng/ul	98
55) 4-Nitrophenol	14.904	109	364688	33.653	ng/ul	98
56) Dibenzofuran	15.075	168	3007841	36.888	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	774162	38.177	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.292	232	598292	37.067	ng/ul	99
59) Diethylphthalate	15.492	149	2580991	36.135	ng/ul	99
61) Fluorene	15.728	166	2517915	36.918	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	1207787	36.069	ng/ul	100
63) 4-Nitroaniline	15.792	138	574213	42.064	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.816	198	407207	31.209	ng/ul	99
67) N-Nitrosodiphenylamine	15.945	169	2131690	37.926	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	714850	36.690	ng/ul	95
69) Hexachlorobenzene	16.704	284	790235	36.225	ng/ul	95
70) Atrazine	16.898	200	506687	23.911	ng/ul	99
71) Pentachlorophenol	17.069	266	488022	30.137	ng/ul	100
72) Phenanthrene	17.492	178	4029430	37.664	ng/ul	100
74) Anthracene	17.580	178	4050406	37.443	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	93951	3.453	ng/uL	99
76) Pentachlorobenzene	14.969	250	942042	38.741	ng/uL	99
77) Carbazole	17.863	167	3742147	38.410	ng/ul	100
78) Di-n-butylphthalate	18.375	149	4613870	37.959	ng/ul	100
80) Fluoranthene	19.451	202	4714232	41.562	ng/ul	99
82) Pyrene	19.810	202	4846464	41.365	ng/ul	99
83) Butylbenzylphthalate	20.663	149	2138743	42.327	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	1412300	38.433	ng/ul	99
85) Benzo(a)anthracene	21.527	228	4476598	37.802	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	3093519	41.929	ng/ul	99
87) Chrysene	21.586	228	4144430	38.528	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	5194397	45.320	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3895226	40.079	ng/ul	99
91) Benzo(k)fluoranthene	23.362	252	3731762	38.824	ng/ul	99
93) Benzo(a)pyrene	23.998	252	3243775	36.899	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	3601486	40.092	ng/ul	99
95) Dibenzo(a,h)anthracene	26.862	278	2978805	39.924	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	2868265	42.115	ng/ul	99

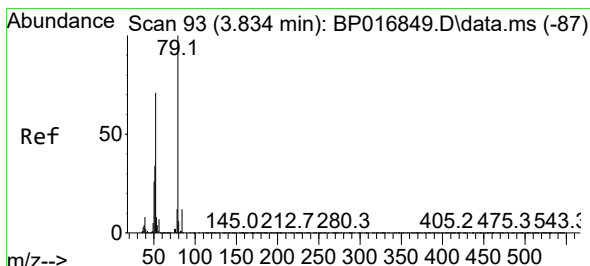
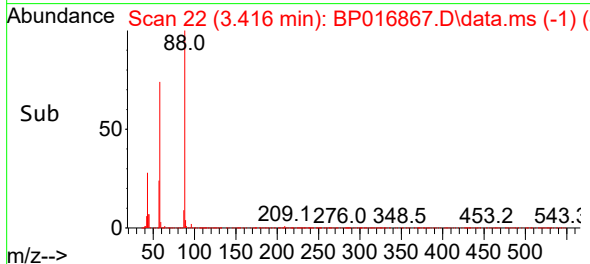
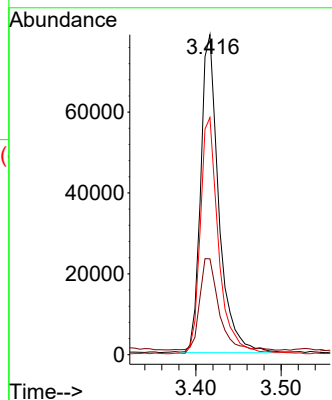
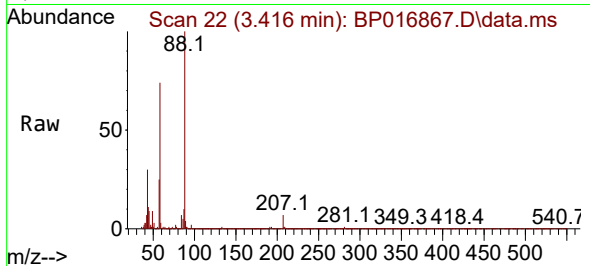
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#2
1,4-Dioxane
Concen: 13.040 ng/uL
RT: 3.416 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

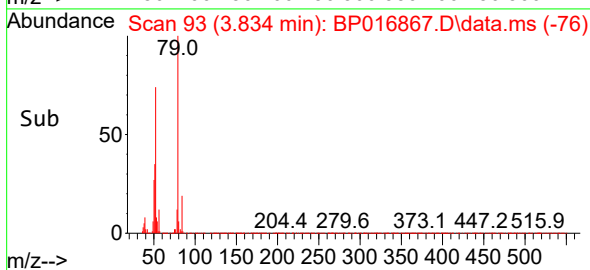
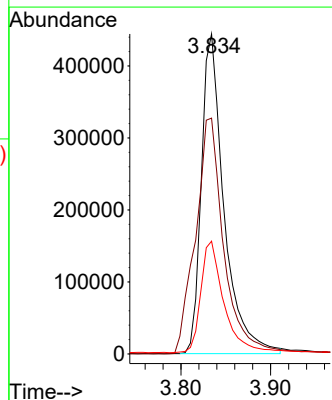
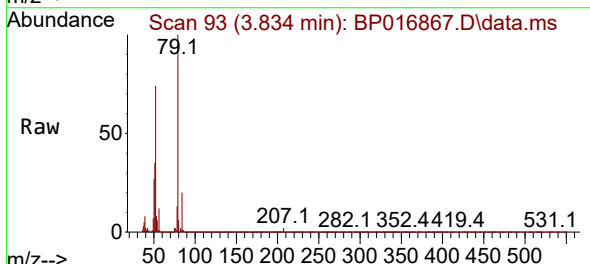
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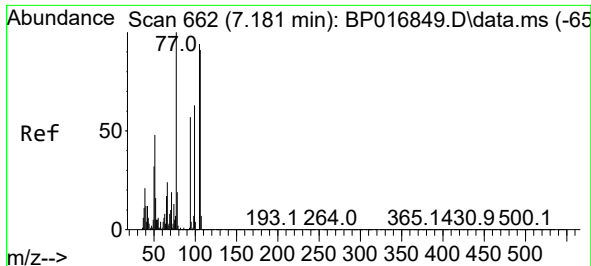
Tgt Ion: 88 Resp: 116205
Ion Ratio Lower Upper
88 100
43 30.0 24.0 36.0
58 74.1 59.8 89.8



#5
Pyridine
Concen: 30.147 ng/uL
RT: 3.834 min Scan# 93
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion: 79 Resp: 776546
Ion Ratio Lower Upper
79 100
52 73.7 59.6 89.4
51 35.2 28.2 42.2

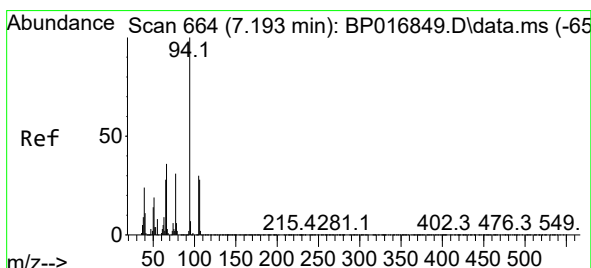
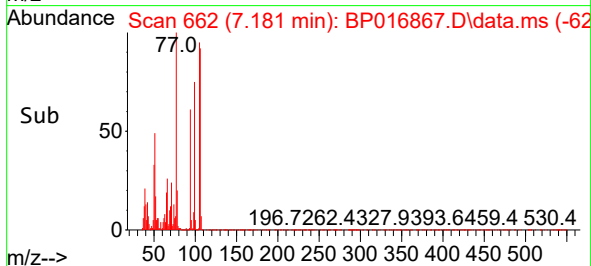
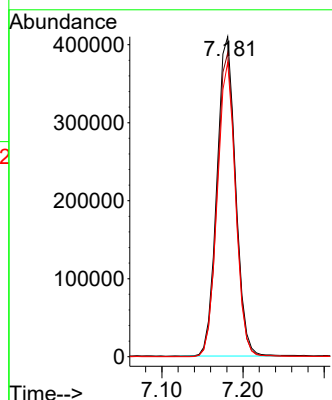
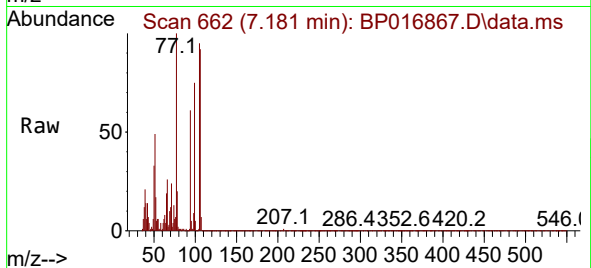




#6
Benzaldehyde
Concen: 39.978 ng/ul
RT: 7.181 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

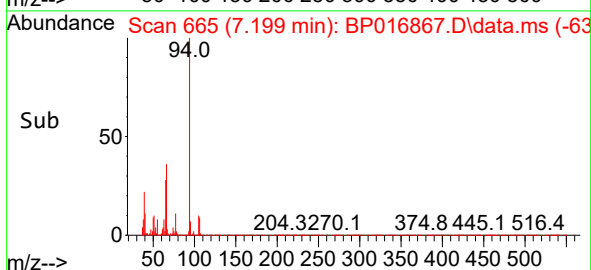
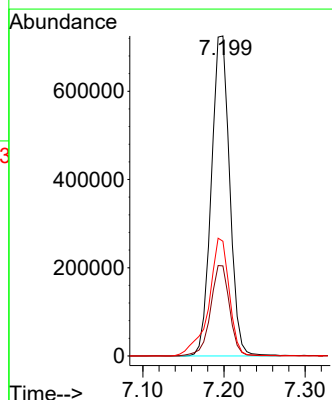
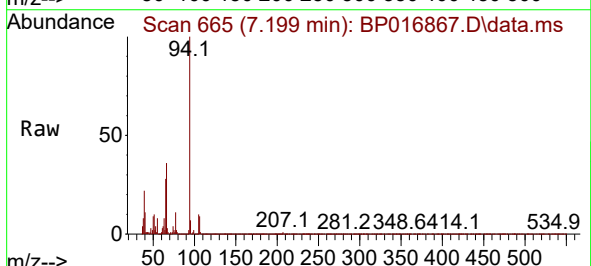
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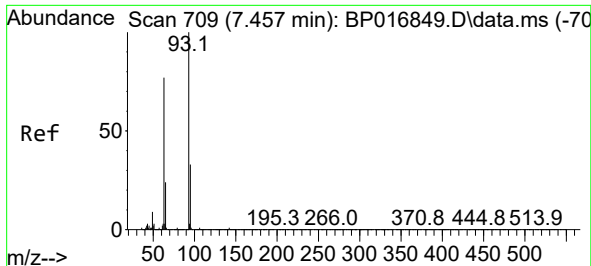
Tgt Ion: 77 Resp: 657461
Ion Ratio Lower Upper
77 100
105 94.9 75.4 113.2
106 92.0 73.1 109.7



#8
Phenol
Concen: 36.156 ng/ul
RT: 7.199 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion: 94 Resp: 1137894
Ion Ratio Lower Upper
94 100
65 28.1 22.4 33.6
66 35.8 28.6 42.8

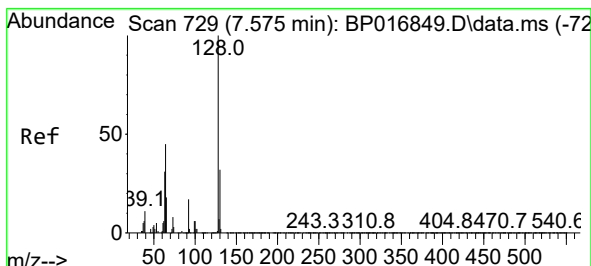
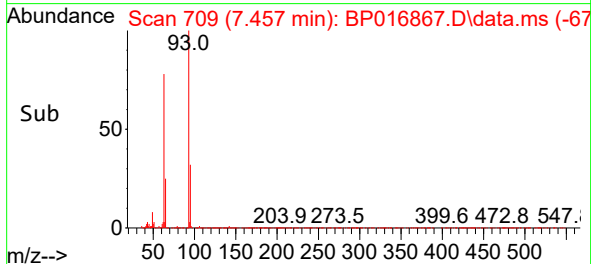
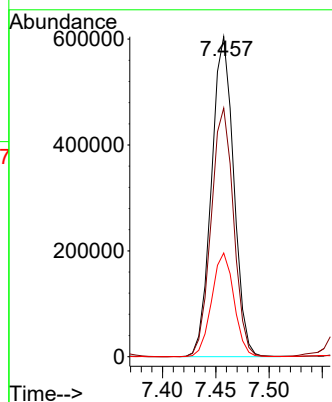
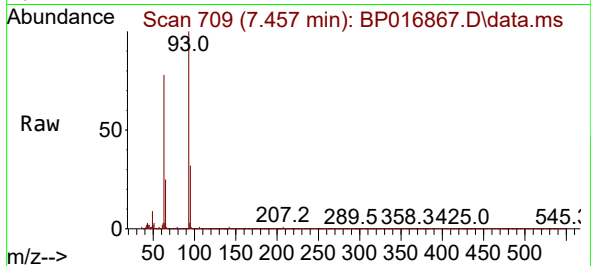




#10
 Bis(2-Chloroethyl)ether
 Concen: 34.533 ng/ul
 RT: 7.457 min Scan# 709
 Delta R.T. 0.000 min
 Lab File: BP016867.D
 Acq: 30 Aug 2023 11:30

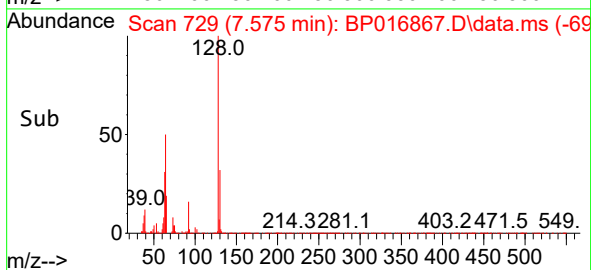
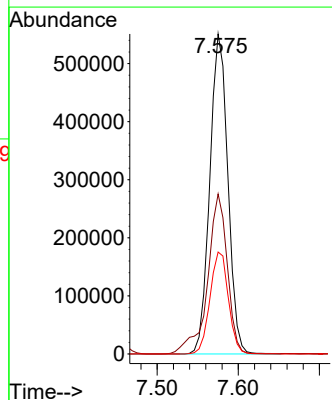
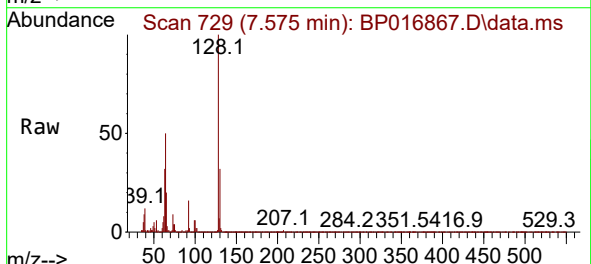
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 ClientSampleId :

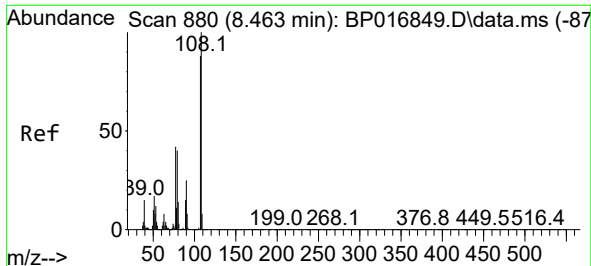
Tgt Ion: 93 Resp: 877282
 Ion Ratio Lower Upper
 93 100
 63 77.7 62.9 94.3
 95 32.4 26.3 39.5



#12
 2-Chlorophenol
 Concen: 36.780 ng/ul
 RT: 7.575 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BP016867.D
 Acq: 30 Aug 2023 11:30

Tgt Ion:128 Resp: 850035
 Ion Ratio Lower Upper
 128 100
 64 50.0 40.0 60.0
 130 31.8 26.4 39.6





#13

2-Methylphenol

Concen: 35.374 ng/ul

RT: 8.463 min Scan# 880

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

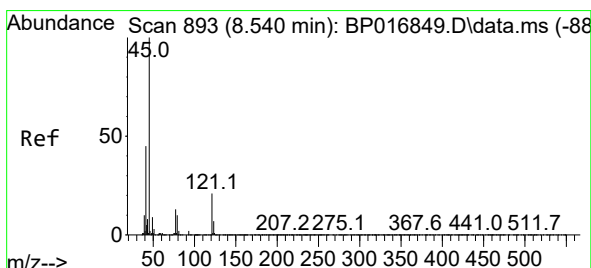
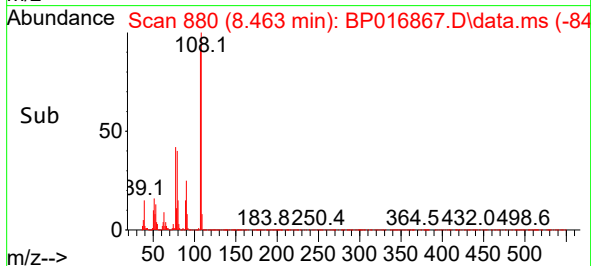
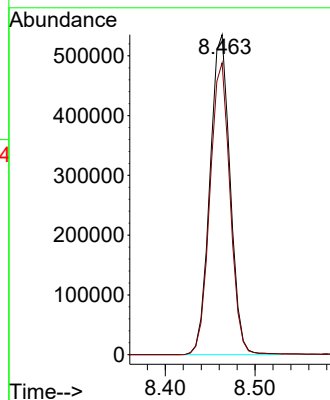
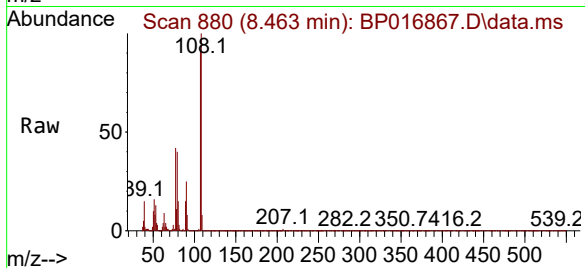
ClientSampleId :

Tgt Ion:108 Resp: 835117

Ion Ratio Lower Upper

108 100

107 91.2 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.136 ng/ul

RT: 8.534 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

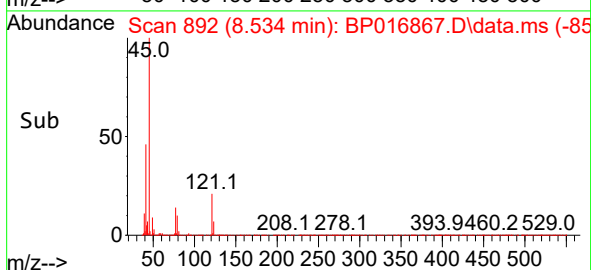
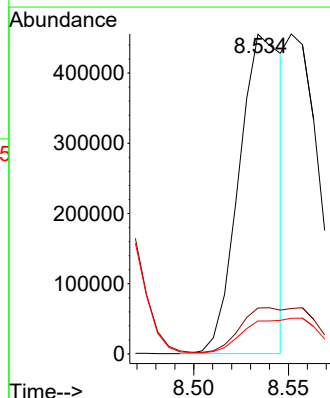
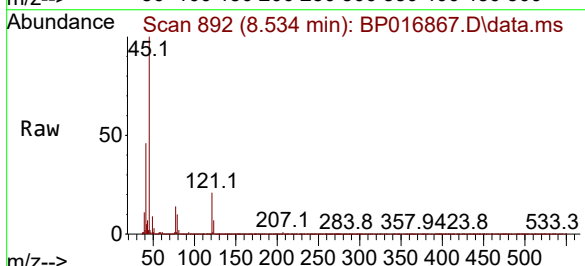
Tgt Ion: 45 Resp: 709119

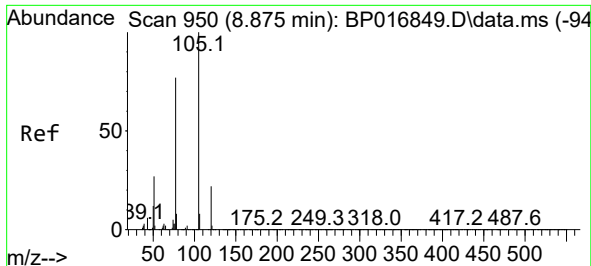
Ion Ratio Lower Upper

45 100

77 14.4 11.1 16.7

79 10.3 8.2 12.4

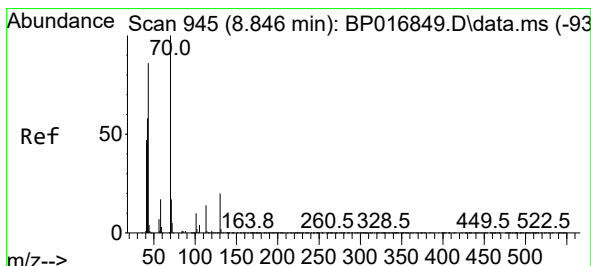
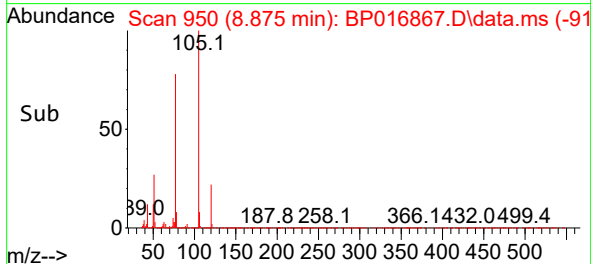
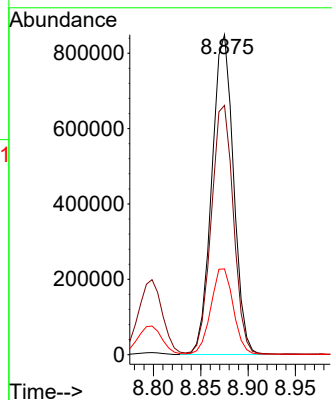
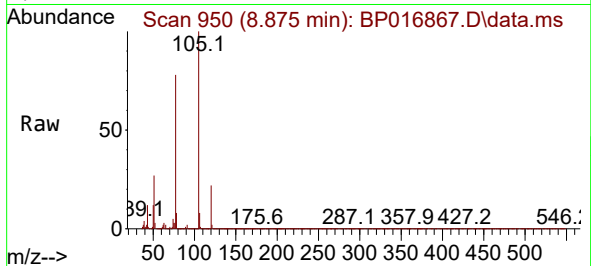




#16
Acetophenone
Concen: 35.560 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016867.D
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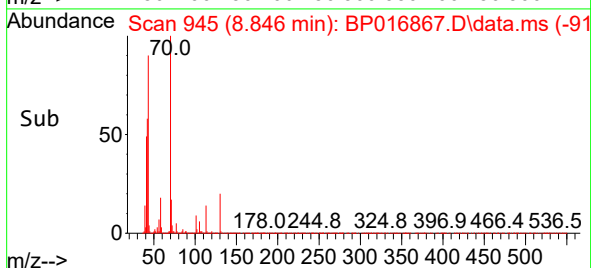
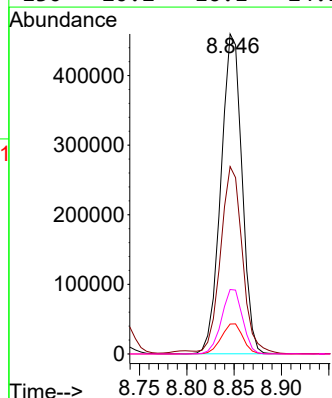
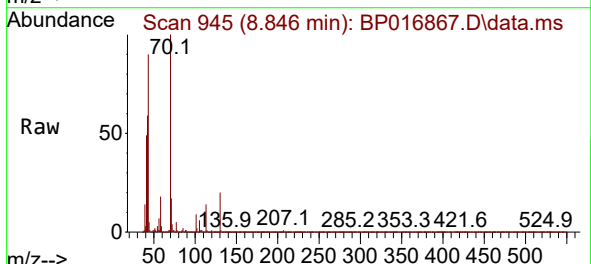
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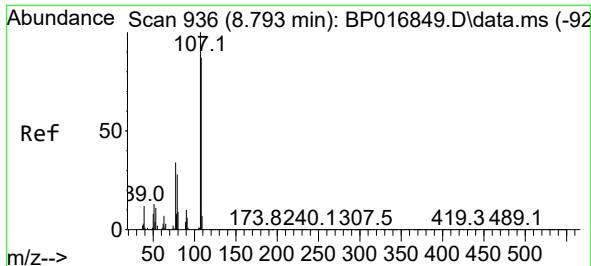
Tgt Ion:105 Resp: 1353630
Ion Ratio Lower Upper
105 100
77 77.9 64.2 96.4
51 26.8 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 35.471 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion: 70 Resp: 711578
Ion Ratio Lower Upper
70 100
42 58.5 46.0 69.0
101 9.4 7.6 11.4
130 20.2 16.1 24.1

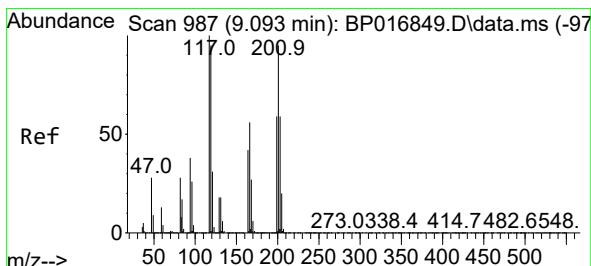
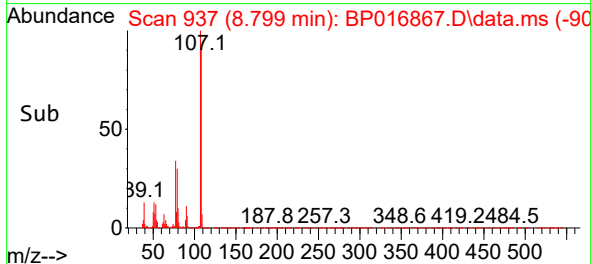
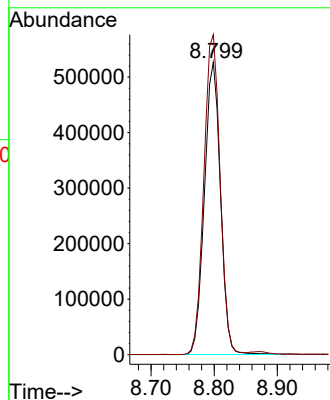
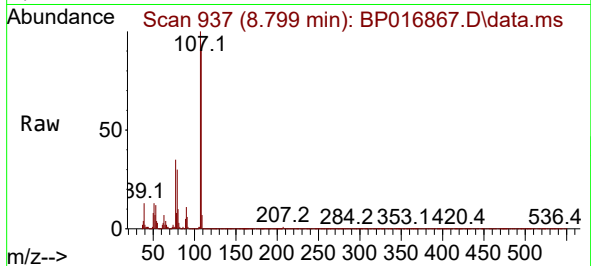




#18
4-Methylphenol
Concen: 36.270 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

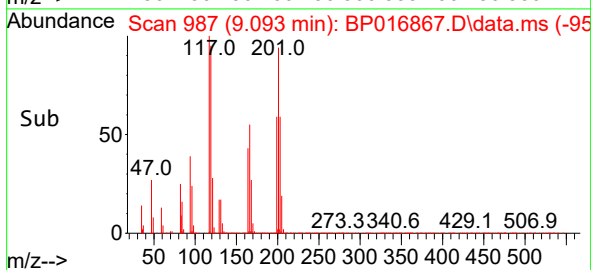
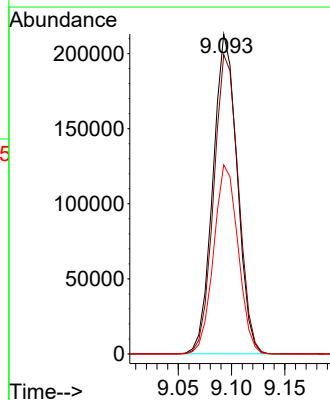
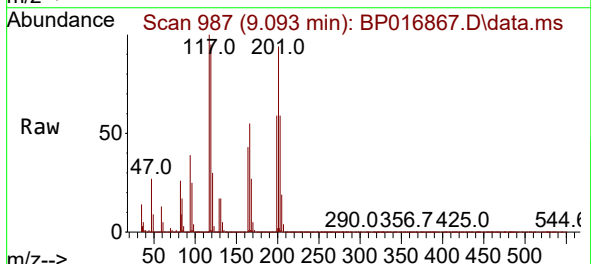
Instrument :
BNA_P
ClientSampleId :

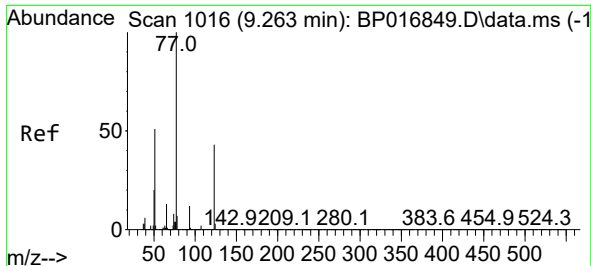
Tgt Ion:108 Resp: 932408
Ion Ratio Lower Upper
108 100
107 109.5 89.8 134.6



#19
Hexachloroethane
Concen: 34.939 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:117 Resp: 335982
Ion Ratio Lower Upper
117 100
201 93.6 75.4 113.2
199 59.1 47.8 71.6

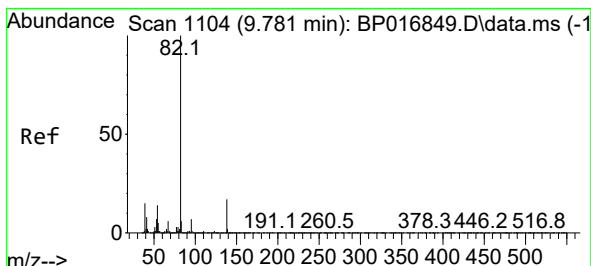
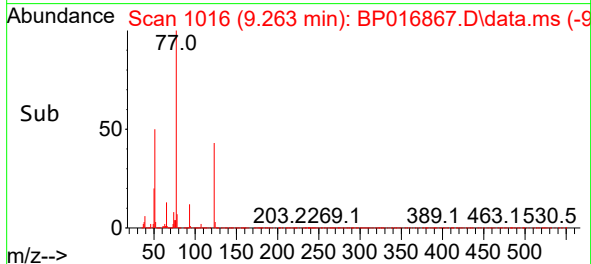
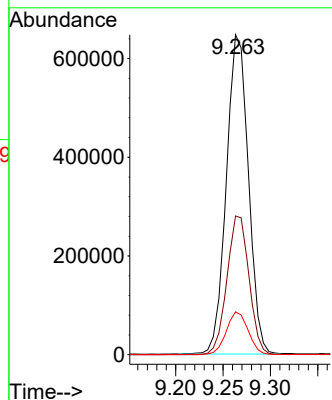
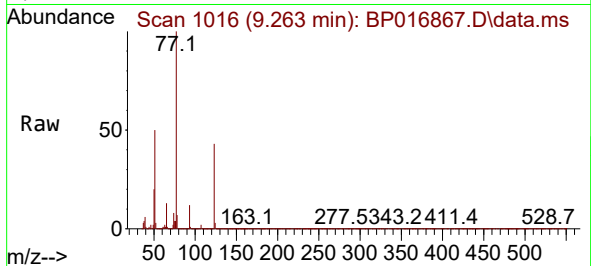




#22
Nitrobenzene
Concen: 36.411 ng/ul
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

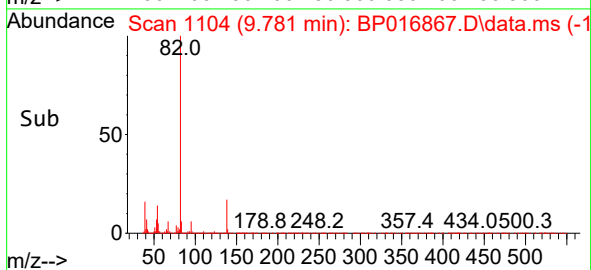
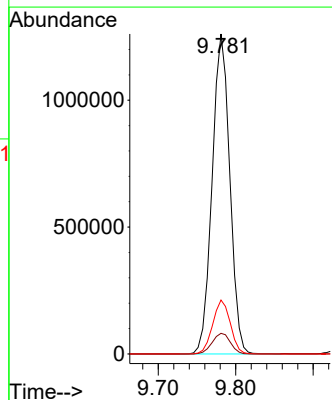
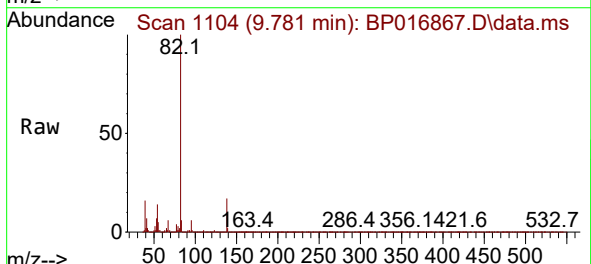
Instrument :
BNA_P
ClientSampleId :

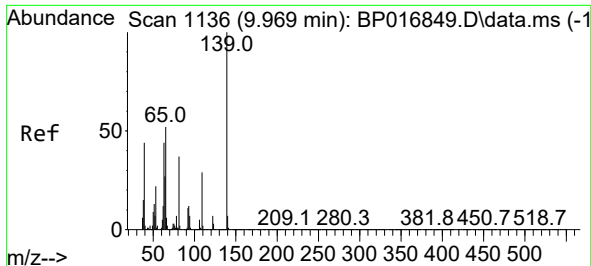
Tgt Ion: 77 Resp: 1048647
Ion Ratio Lower Upper
77 100
123 43.4 34.9 52.3
65 13.4 10.6 15.8



#23
Isophorone
Concen: 35.635 ng/ul
RT: 9.781 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion: 82 Resp: 1993250
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 16.8 13.5 20.3

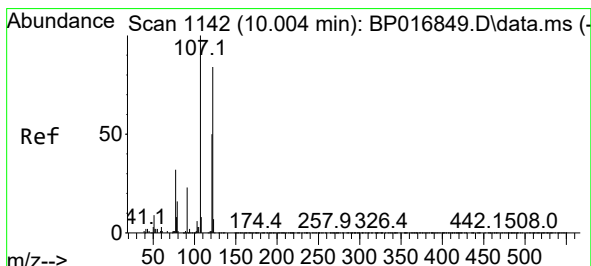
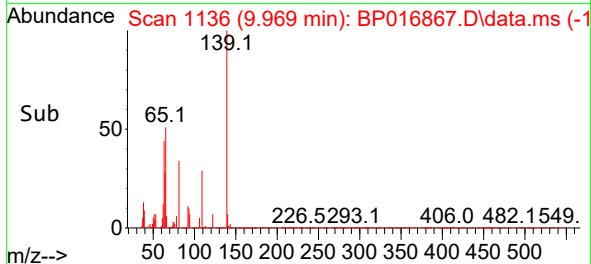
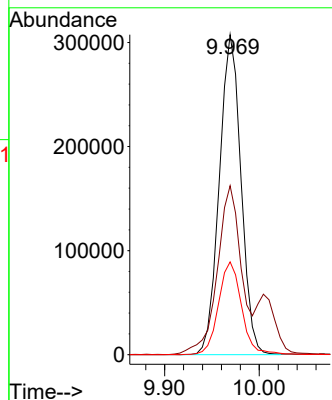
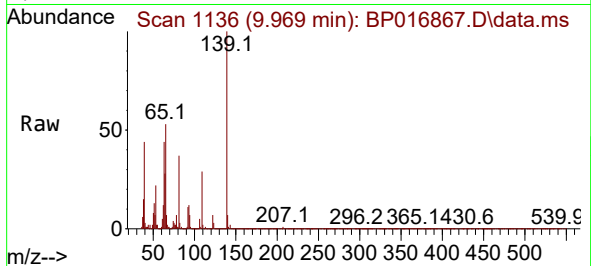




#25
2-Nitrophenol
Concen: 37.402 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

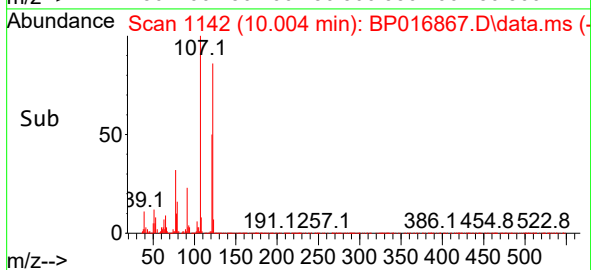
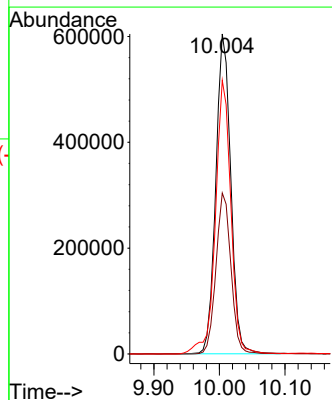
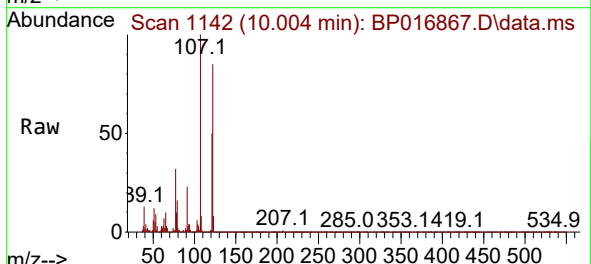
Instrument :
BNA_P
ClientSampleId :

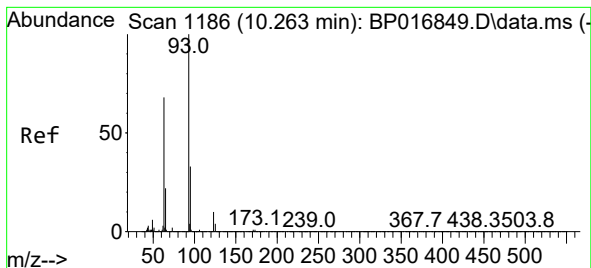
Tgt Ion:139 Resp: 489374
Ion Ratio Lower Upper
139 100
65 52.8 42.0 63.0
109 29.0 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 36.452 ng/ul
RT: 10.004 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:107 Resp: 958619
Ion Ratio Lower Upper
107 100
121 50.3 40.7 61.1
122 85.5 69.7 104.5



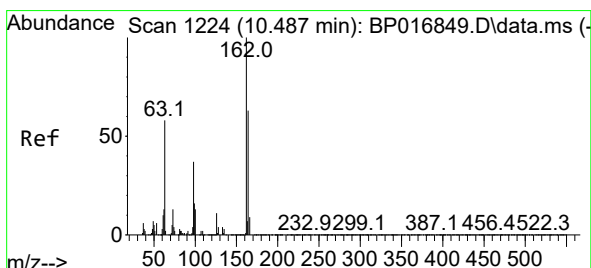
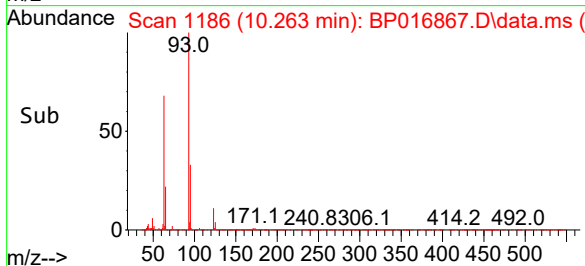
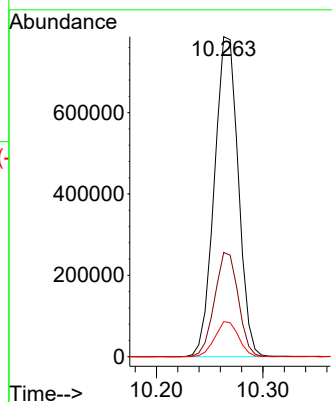
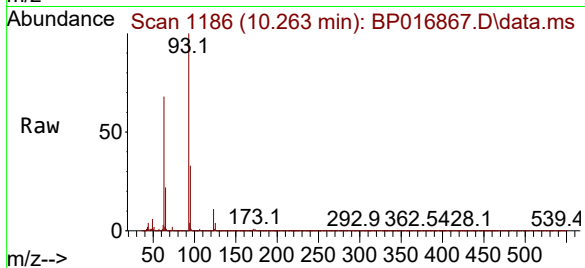


#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.514 ng/ul
 RT: 10.263 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP016867.D
 Acq: 30 Aug 2023 11:30

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 93 Resp: 1225569

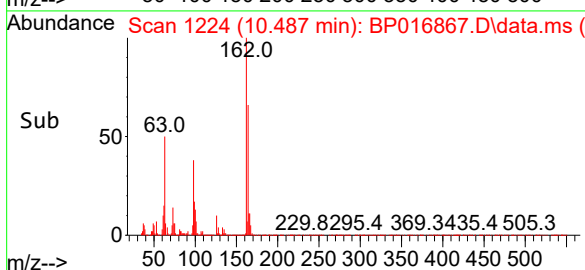
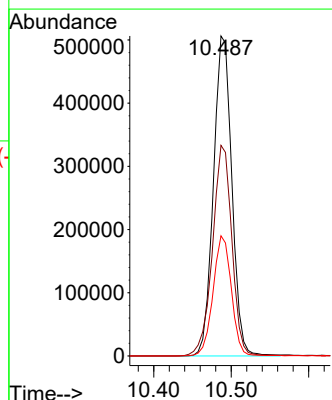
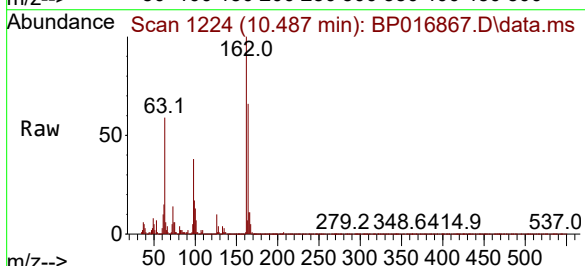
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	10.9	8.8	13.2

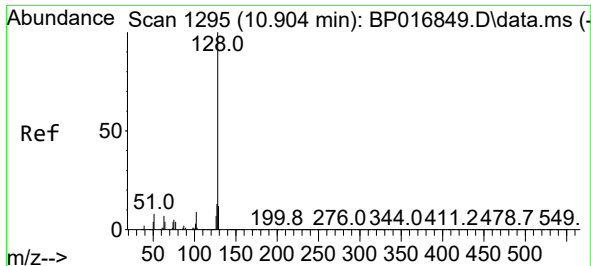


#29
 2,4-Dichlorophenol
 Concen: 37.744 ng/ul
 RT: 10.487 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BP016867.D
 Acq: 30 Aug 2023 11:30

Tgt Ion:162 Resp: 836393

Ion	Ratio	Lower	Upper
162	100		
164	65.8	52.2	78.2
98	37.5	29.3	43.9

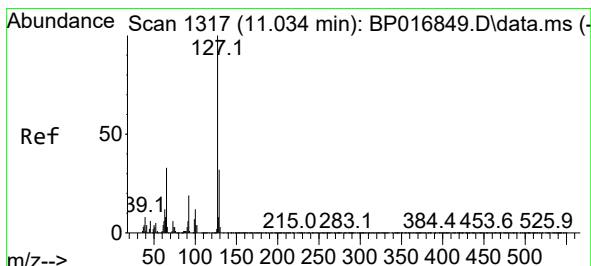
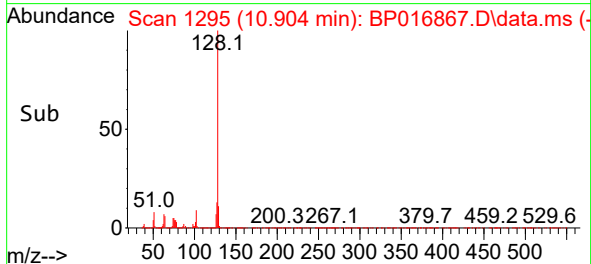
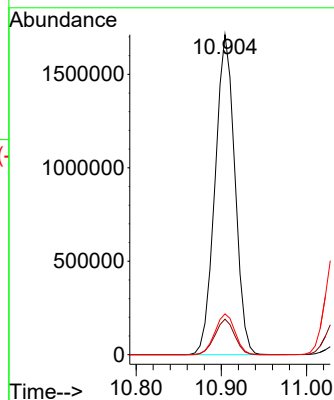
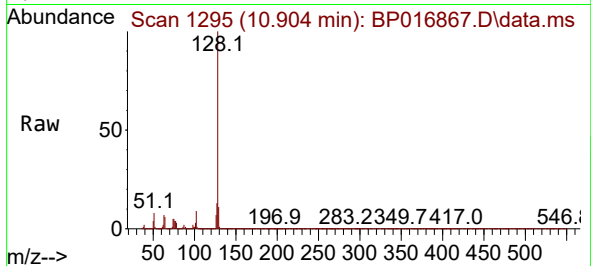




#30
Naphthalene
Concen: 36.007 ng/ul
RT: 10.904 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

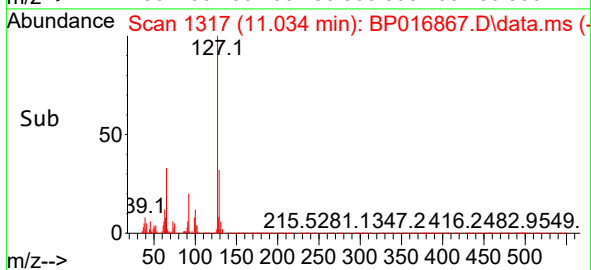
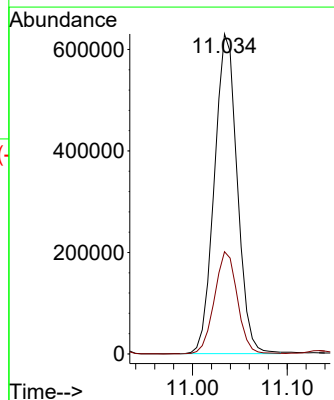
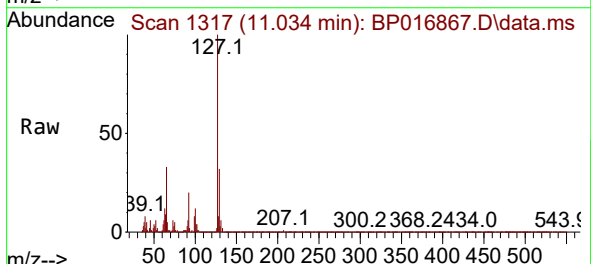
Instrument :
BNA_P
ClientSampleId :

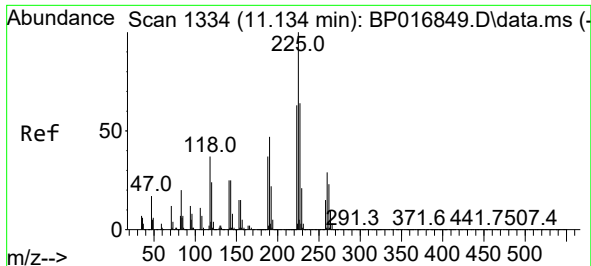
Tgt Ion:128 Resp: 2769370
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.3 15.5



#32
4-Chloroaniline
Concen: 31.790 ng/ul
RT: 11.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:127 Resp: 1056899
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9

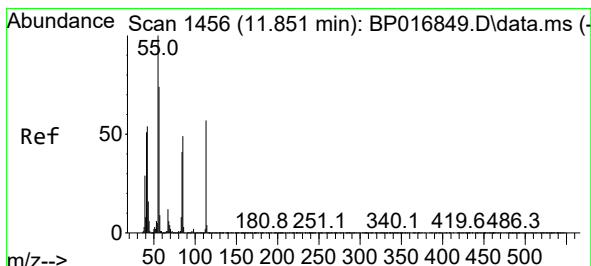
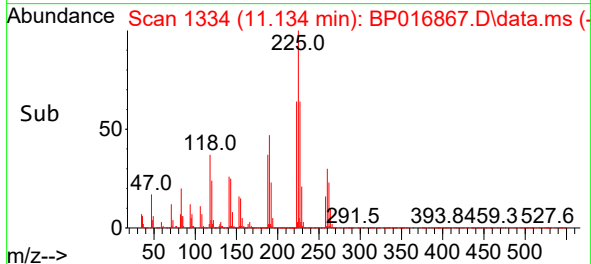
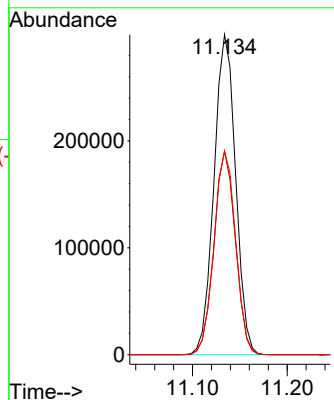
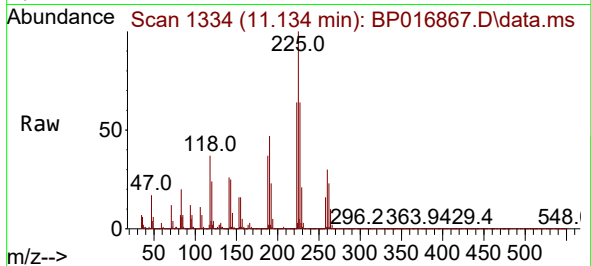




#33
Hexachlorobutadiene
Concen: 34.822 ng/ul
RT: 11.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

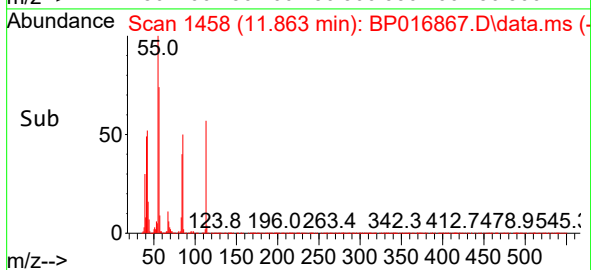
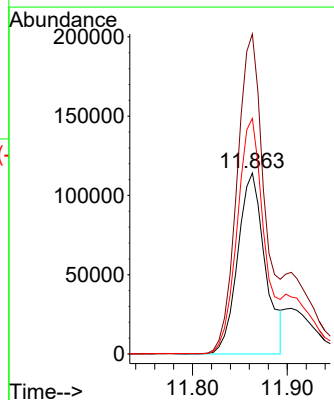
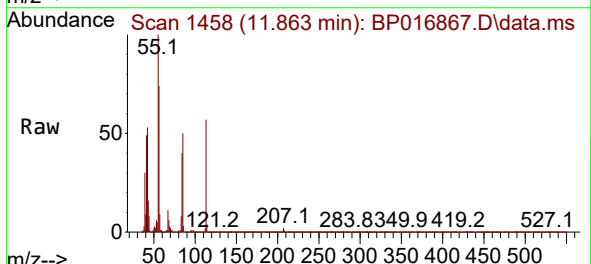
Instrument :
BNA_P
ClientSampleId :

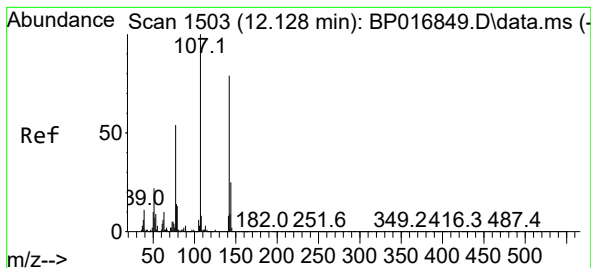
Tgt Ion:225 Resp: 475324
Ion Ratio Lower Upper
225 100
223 63.6 51.0 76.4
227 63.7 52.5 78.7



#34
Caprolactam
Concen: 27.996 ng/ul
RT: 11.863 min Scan# 1458
Delta R.T. 0.012 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:113 Resp: 228788
Ion Ratio Lower Upper
113 100
55 176.8 140.6 210.8
56 130.1 104.5 156.7

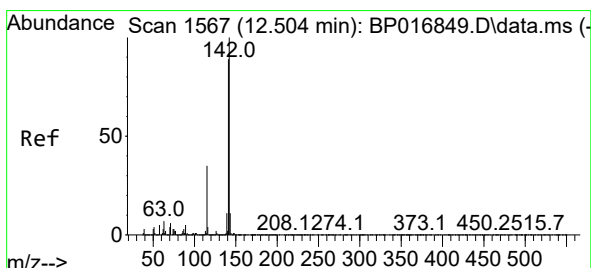
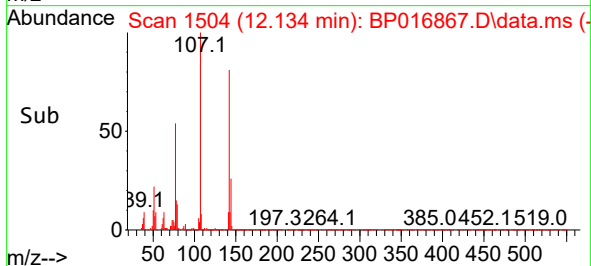
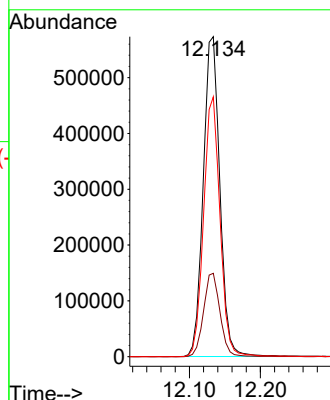
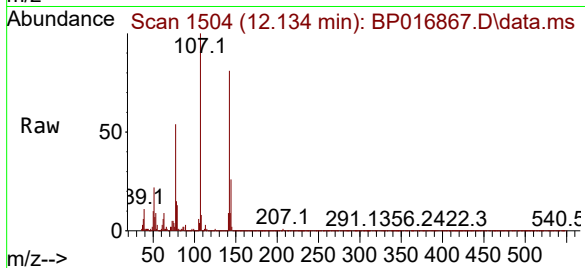




#35
4-Chloro-3-methylphenol
Concen: 37.635 ng/ul
RT: 12.134 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

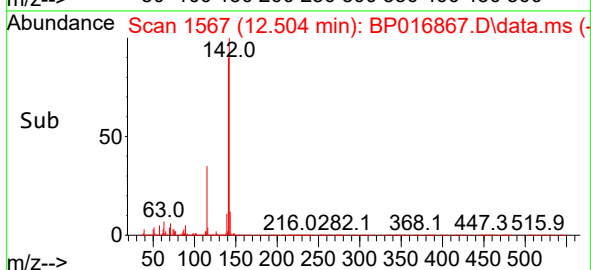
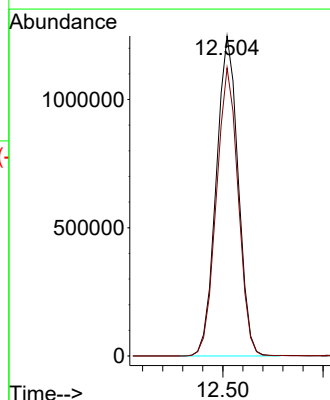
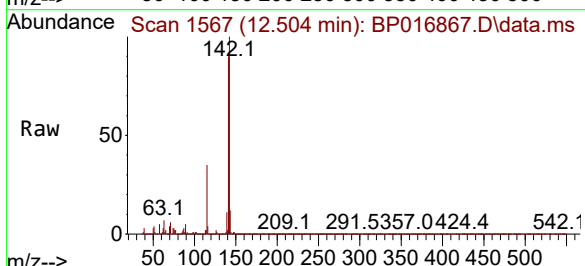
Instrument :
BNA_P
ClientSampleId :

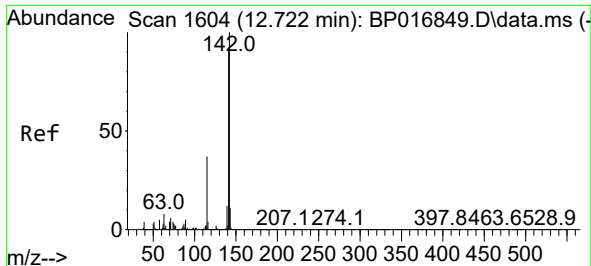
Tgt Ion:107 Resp: 935215
Ion Ratio Lower Upper
107 100
144 26.1 20.6 31.0
142 81.2 63.7 95.5



#36
2-Methylnaphthalene
Concen: 35.657 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:142 Resp: 1892969
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.0

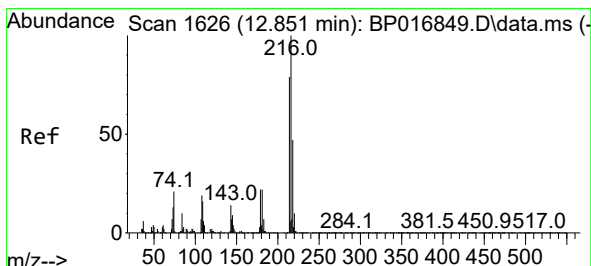
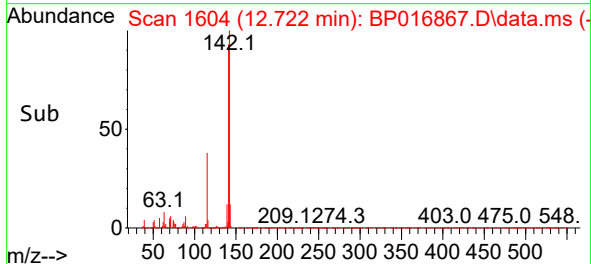
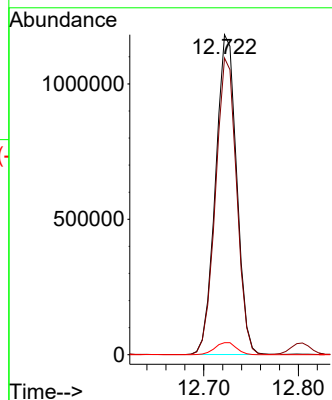
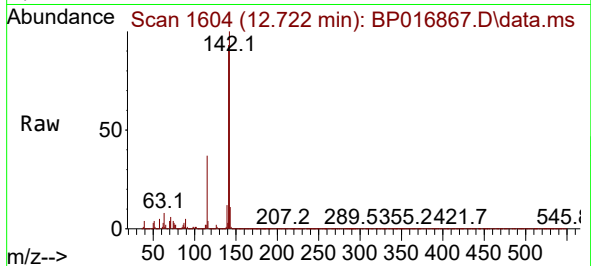




#37
1-Methylnaphthalene
Concen: 34.226 ng/ul
RT: 12.722 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

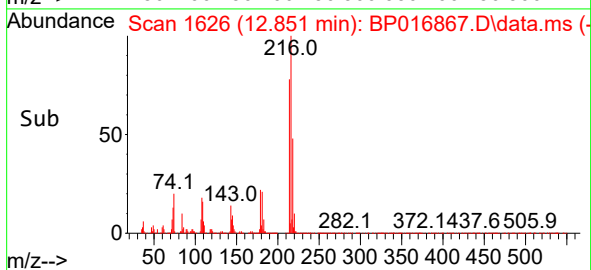
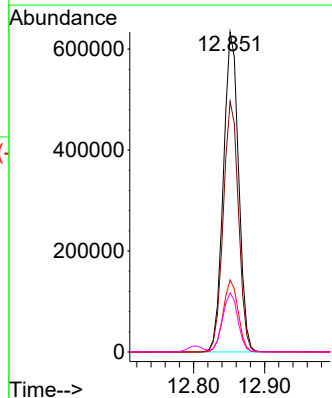
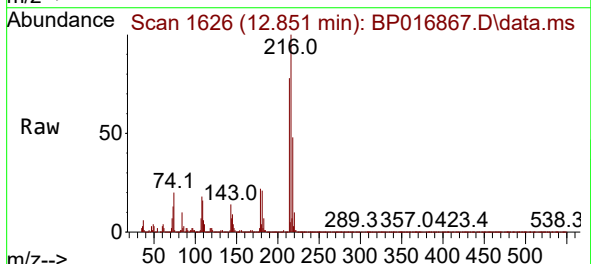
Instrument :
BNA_P
ClientSampleId :

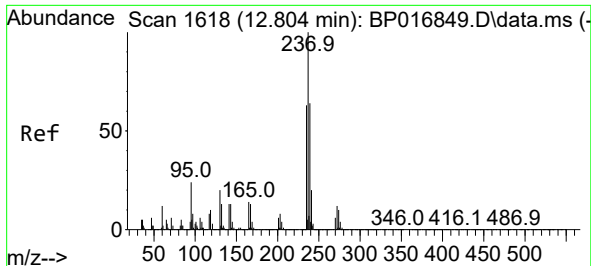
Tgt Ion:142 Resp: 1832270
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.4
116 3.8 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.813 ng/ul
RT: 12.851 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:216 Resp: 939641
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.2
179 22.5 17.4 26.2
108 18.5 15.3 22.9

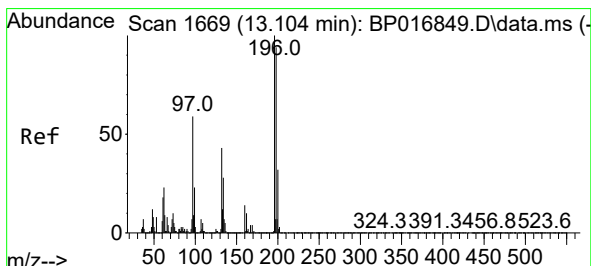
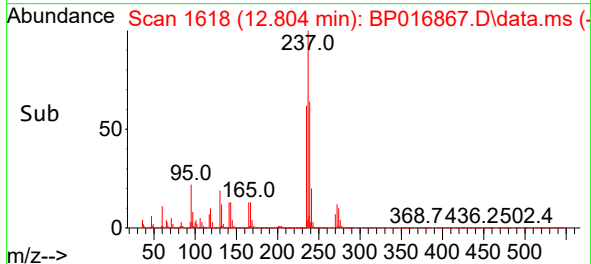
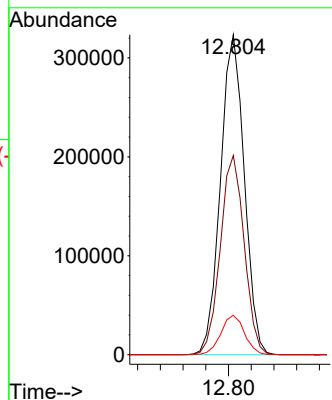
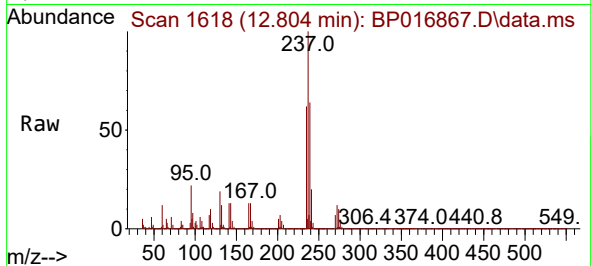




#40
Hexachlorocyclopentadiene
Concen: 24.421 ng/ul
RT: 12.804 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

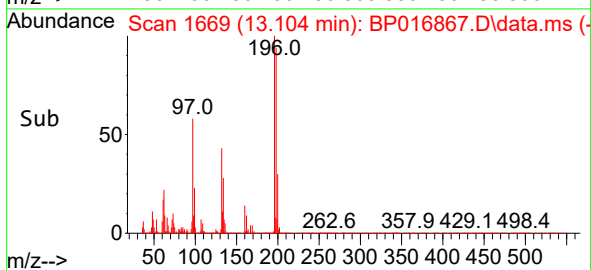
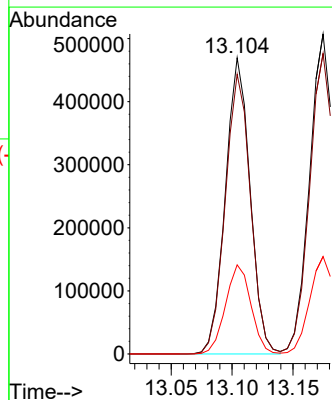
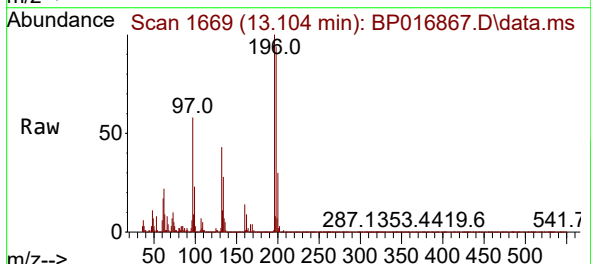
Instrument :
BNA_P
ClientSampleId :

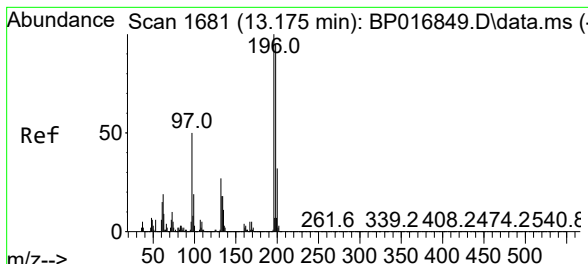
Tgt Ion:237 Resp: 471201
Ion Ratio Lower Upper
237 100
235 62.3 51.3 76.9
272 12.3 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 37.968 ng/ul
RT: 13.104 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:196 Resp: 665238
Ion Ratio Lower Upper
196 100
198 94.4 76.6 115.0
200 30.1 25.2 37.8

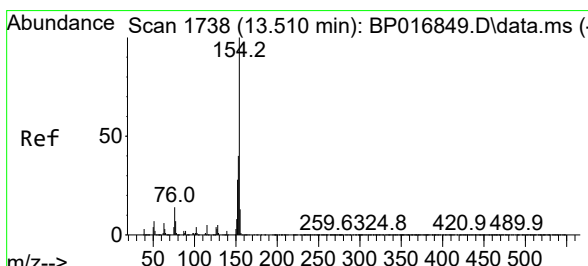
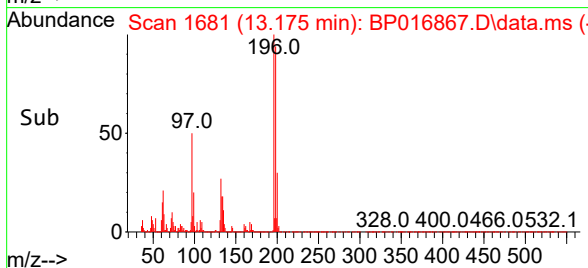
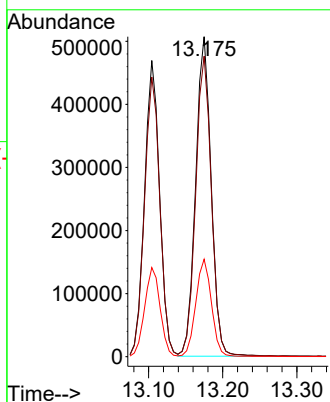
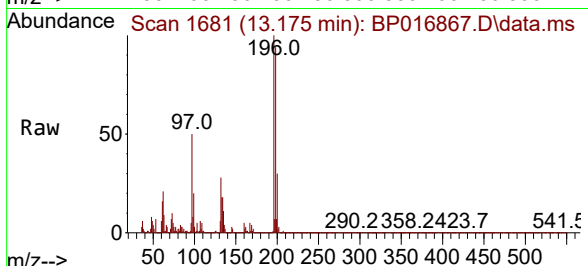




#42
 2,4,5-Trichlorophenol
 Concen: 38.875 ng/ul
 RT: 13.175 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BP016867.D
 Acq: 30 Aug 2023 11:30

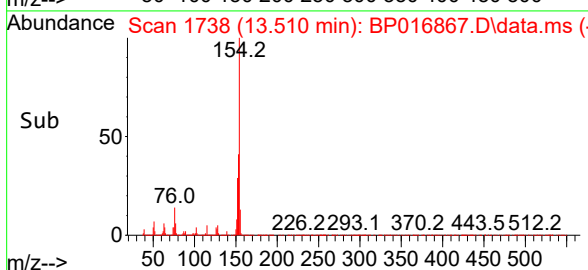
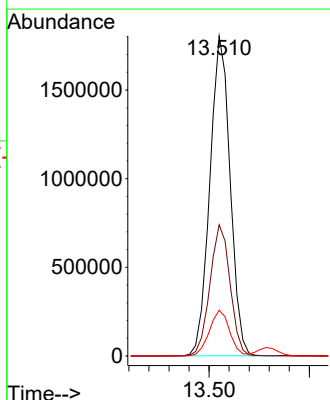
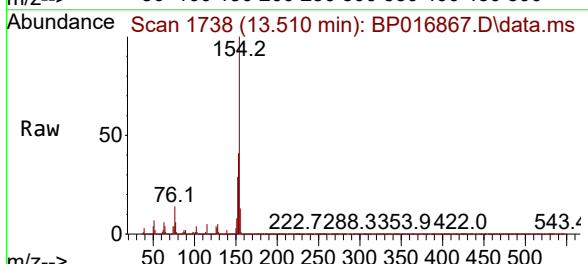
Instrument :
 BNA_P
 ClientSampleId :

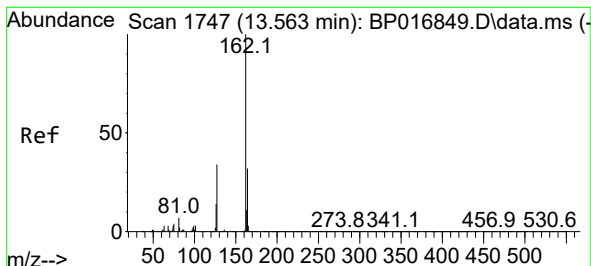
Tgt Ion:196	Resp: 737053
Ion Ratio	Lower Upper
196	100
198	93.9 77.8 116.8
200	30.4 24.8 37.2



#43
 1,1'-Biphenyl
 Concen: 36.996 ng/ul
 RT: 13.510 min Scan# 1738
 Delta R.T. 0.000 min
 Lab File: BP016867.D
 Acq: 30 Aug 2023 11:30

Tgt Ion:154	Resp: 2532145
Ion Ratio	Lower Upper
154	100
153	41.0 32.7 49.1
76	14.3 11.3 16.9





#44

2-Chloronaphthalene

Concen: 37.359 ng/ul

RT: 13.557 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

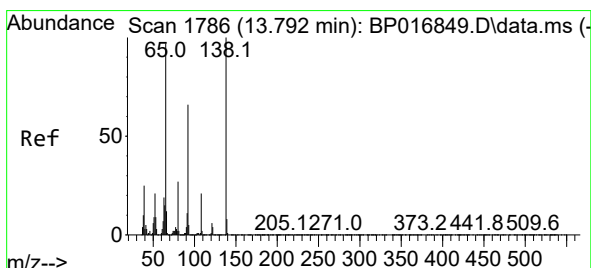
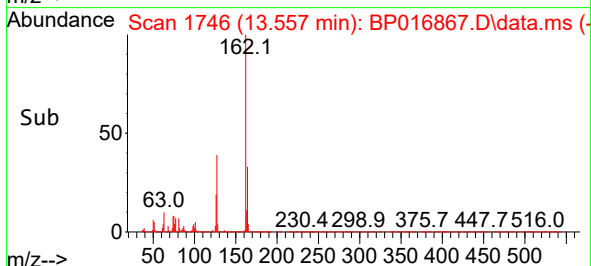
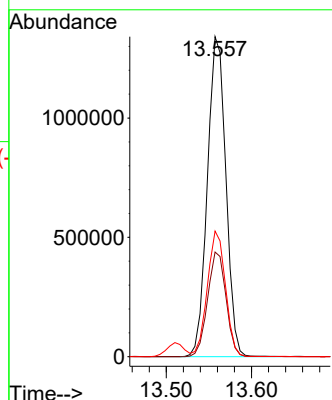
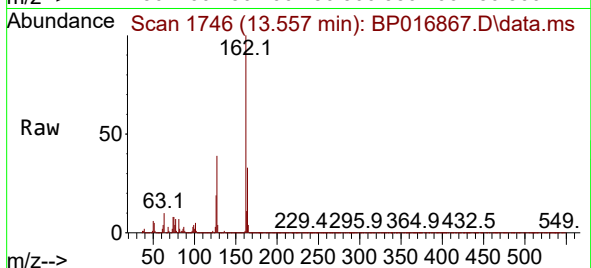
Tgt Ion:162 Resp: 2018562

Ion Ratio Lower Upper

162 100

164 32.7 26.1 39.1

127 39.3 30.8 46.2



#45

2-Nitroaniline

Concen: 38.488 ng/ul

RT: 13.792 min Scan# 1786

Delta R.T. -0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

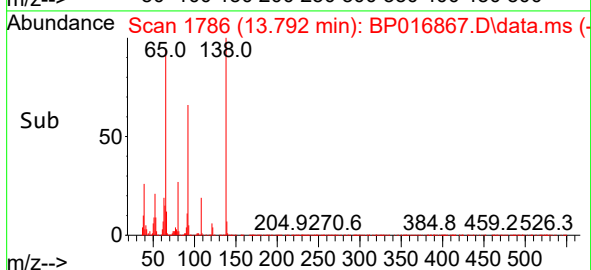
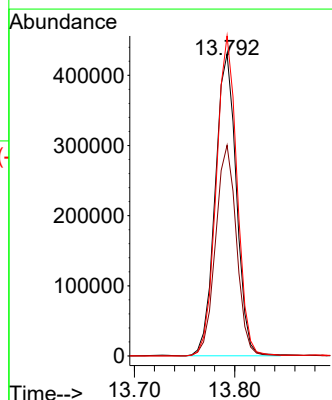
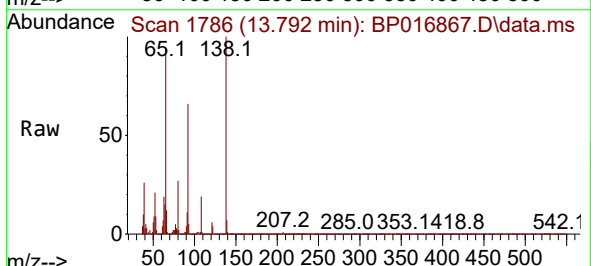
Tgt Ion: 65 Resp: 630672

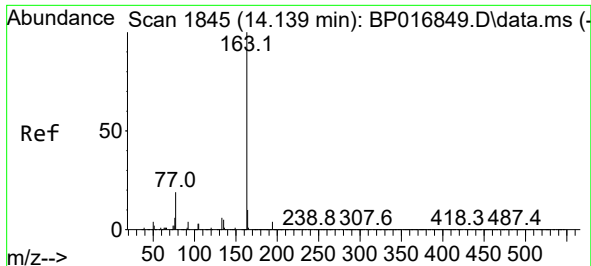
Ion Ratio Lower Upper

65 100

92 69.8 53.8 80.8

138 105.9 80.7 121.1

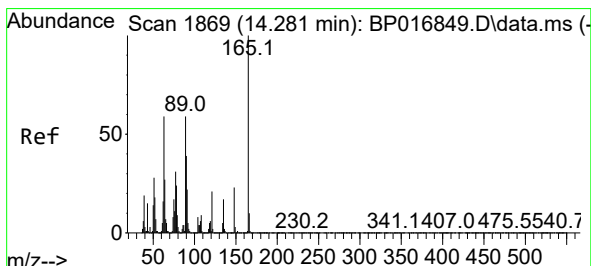
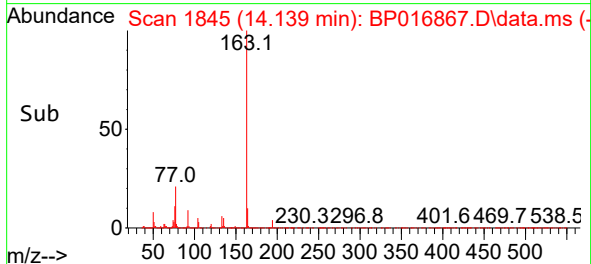
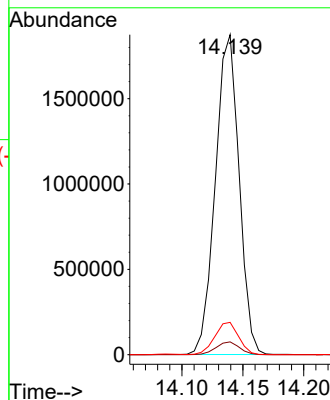
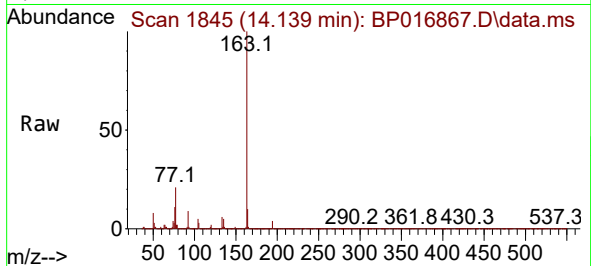




#47
Dimethylphthalate
Concen: 36.103 ng/ul
RT: 14.139 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

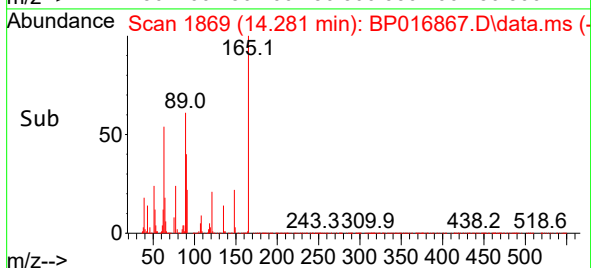
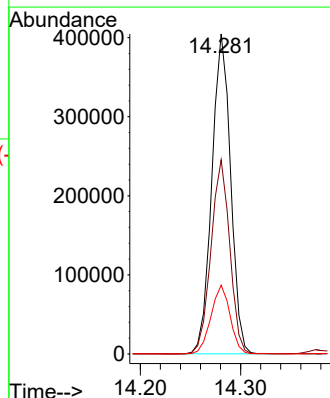
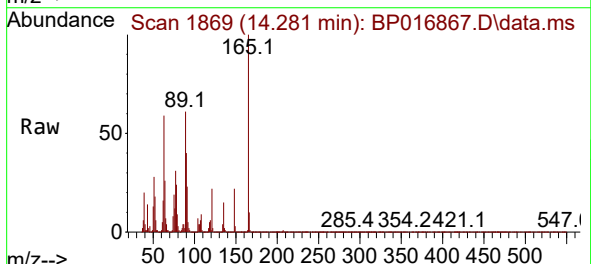
Instrument :
BNA_P
ClientSampleId :

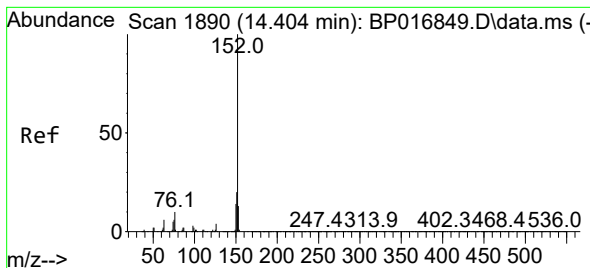
Tgt Ion:163 Resp: 2538364
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 38.227 ng/ul
RT: 14.281 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:165 Resp: 526655
Ion Ratio Lower Upper
165 100
89 60.7 48.0 72.0
121 21.5 16.9 25.3





#50

Acenaphthylene

Concen: 35.478 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. -0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

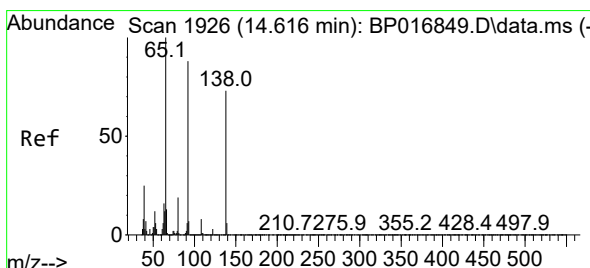
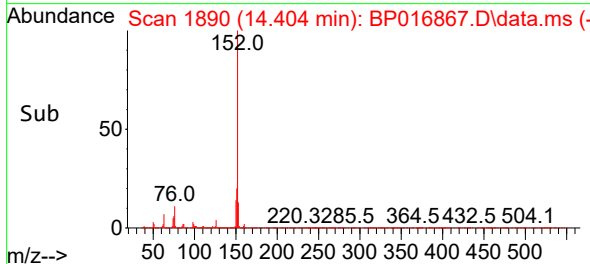
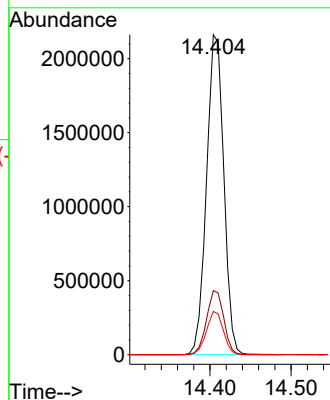
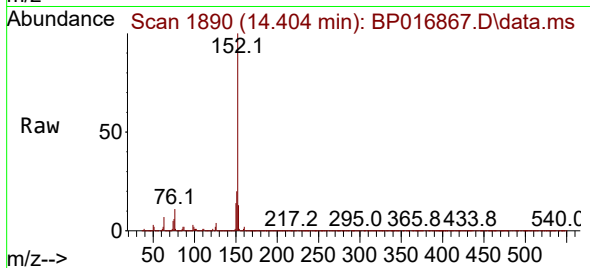
Tgt Ion:152 Resp: 3186845

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.5 10.6 15.8



#51

3-Nitroaniline

Concen: 39.987 ng/ul

RT: 14.622 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

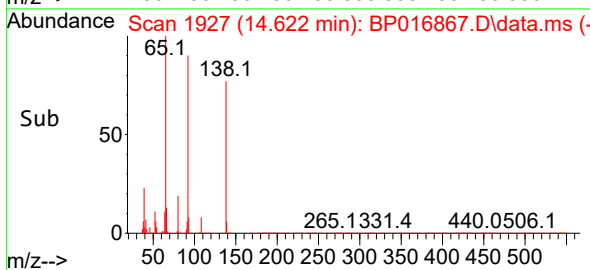
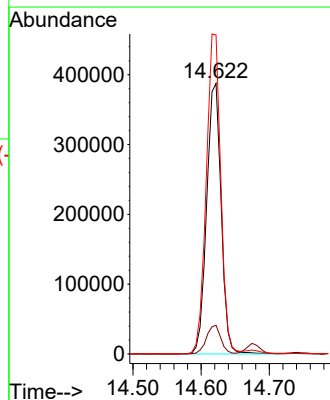
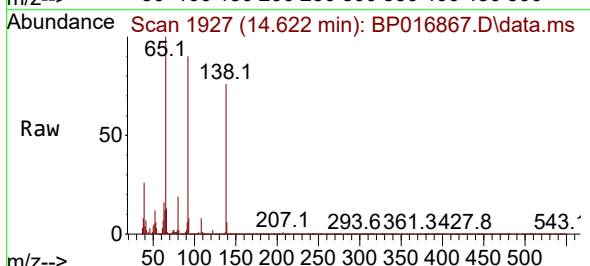
Tgt Ion:138 Resp: 573649

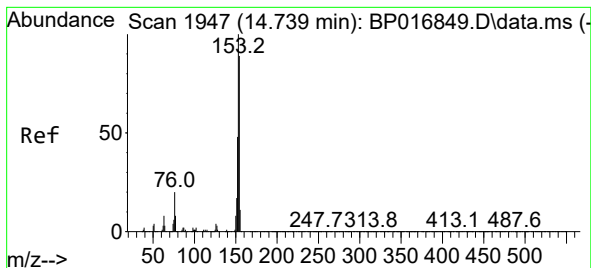
Ion Ratio Lower Upper

138 100

108 10.6 8.2 12.4

92 117.9 95.4 143.0





#52

Acenaphthene

Concen: 36.823 ng/ul

RT: 14.739 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

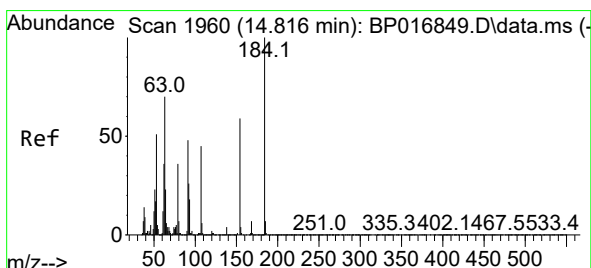
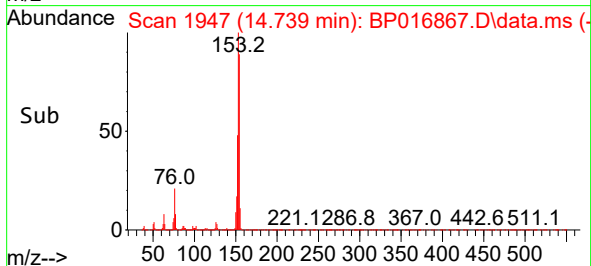
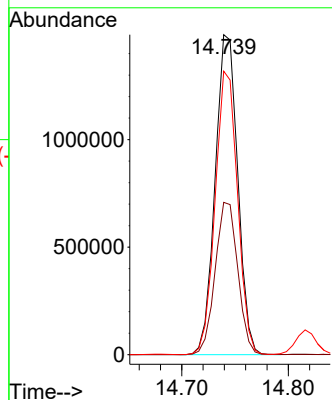
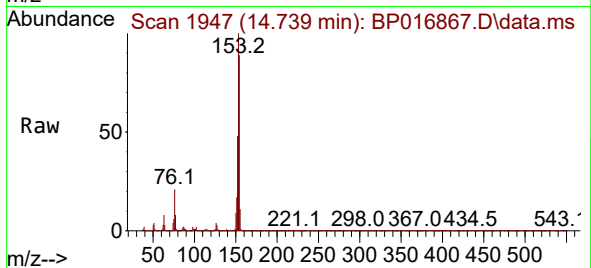
Tgt Ion:153 Resp: 2188228

Ion Ratio Lower Upper

153 100

152 47.6 38.5 57.7

154 88.6 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 24.983 ng/ul

RT: 14.816 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

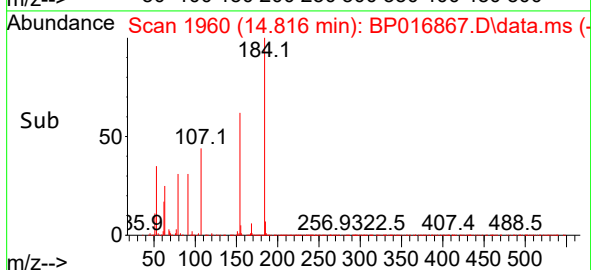
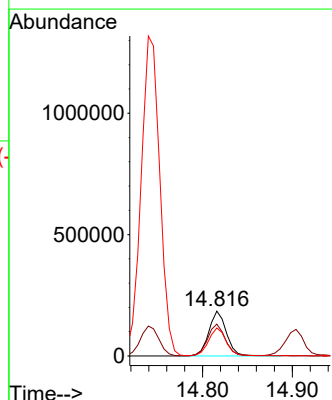
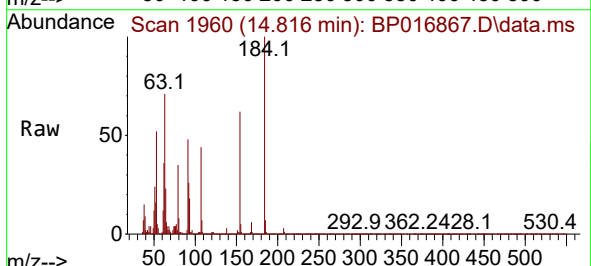
Tgt Ion:184 Resp: 250101

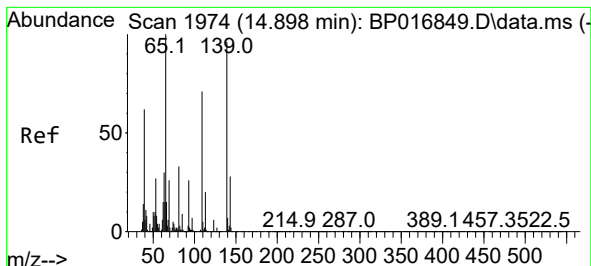
Ion Ratio Lower Upper

184 100

63 71.1 55.3 82.9

154 62.4 50.3 75.5

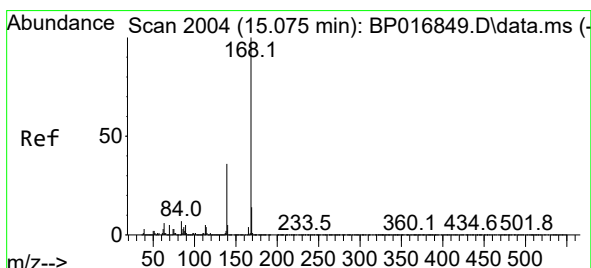
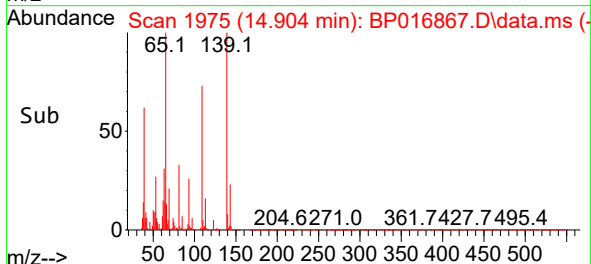
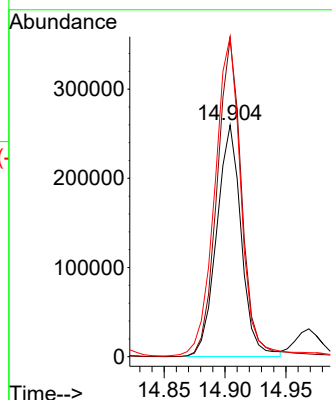
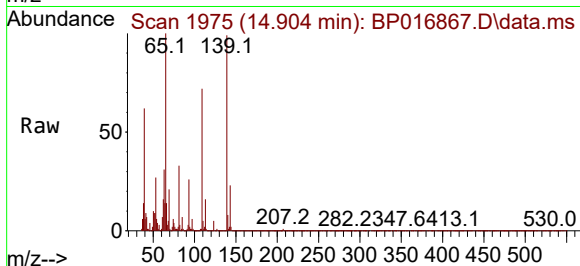




#55
4-Nitrophenol
Concen: 33.653 ng/ul
RT: 14.904 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

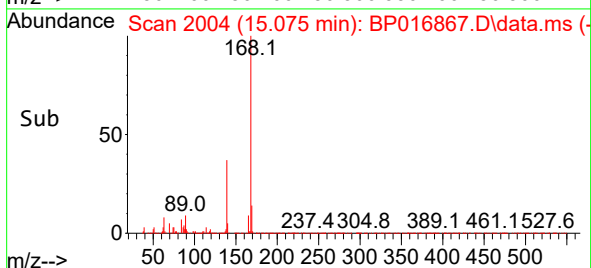
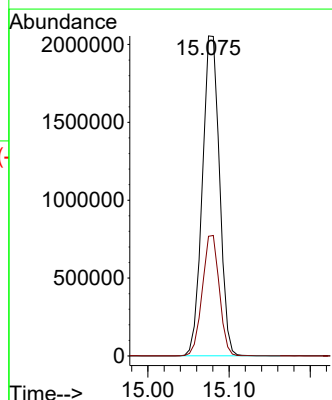
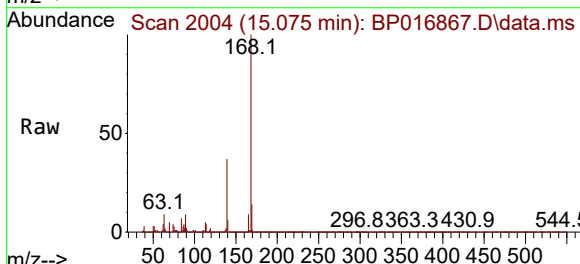
Instrument :
BNA_P
ClientSampleId :

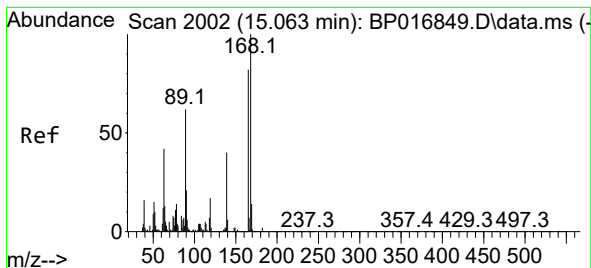
Tgt Ion:109 Resp: 364688
Ion Ratio Lower Upper
109 100
139 137.3 108.6 163.0
65 138.1 107.8 161.6



#56
Dibenzofuran
Concen: 36.888 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:168 Resp: 3007841
Ion Ratio Lower Upper
168 100
139 37.4 29.2 43.8

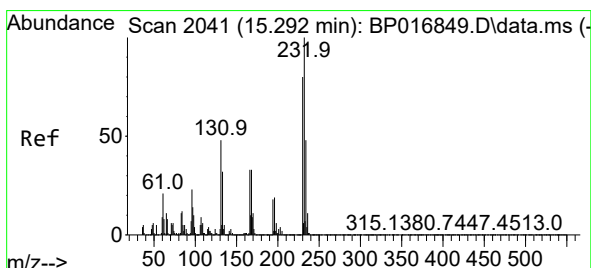
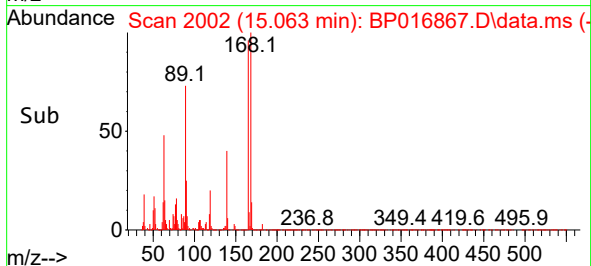
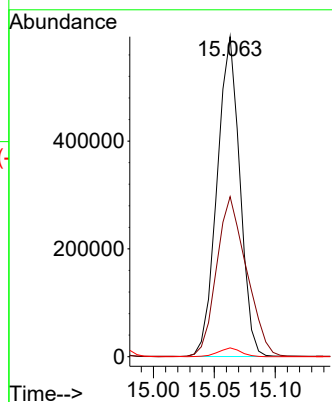
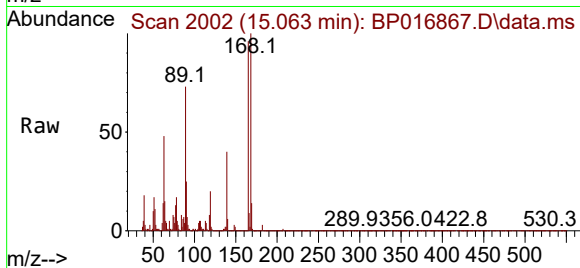




#57
2,4-Dinitrotoluene
Concen: 38.177 ng/ul
RT: 15.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

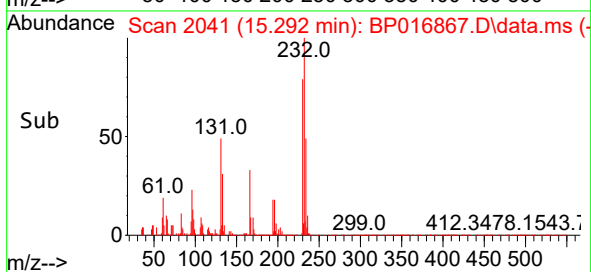
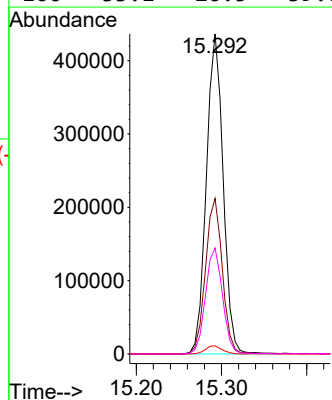
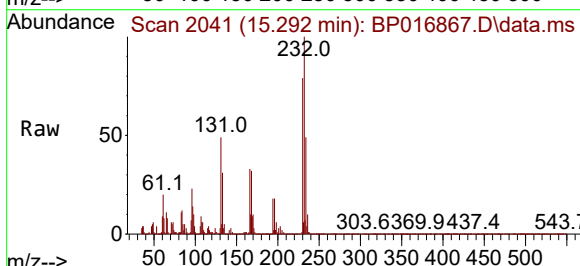
Instrument :
BNA_P
ClientSampleId :

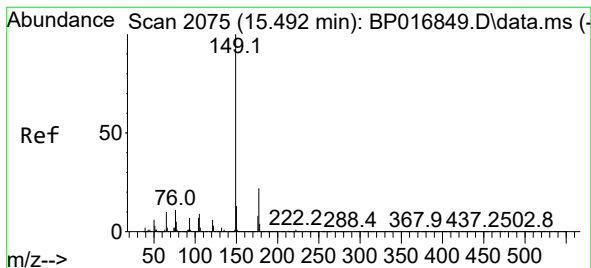
Tgt Ion:165 Resp: 774162
Ion Ratio Lower Upper
165 100
63 50.0 39.0 58.4
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.067 ng/ul
RT: 15.292 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:232 Resp: 598292
Ion Ratio Lower Upper
232 100
131 48.6 38.1 57.1
130 2.6 1.9 2.9
166 33.1 26.5 39.7





#59

Diethylphthalate

Concen: 36.135 ng/ul

RT: 15.492 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

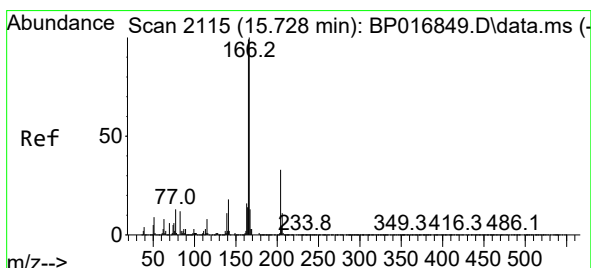
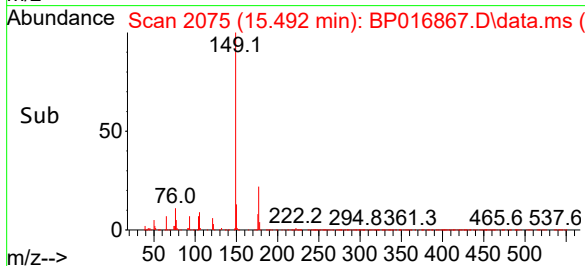
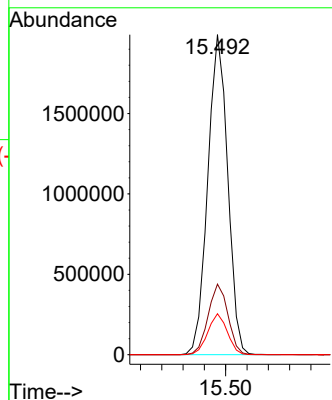
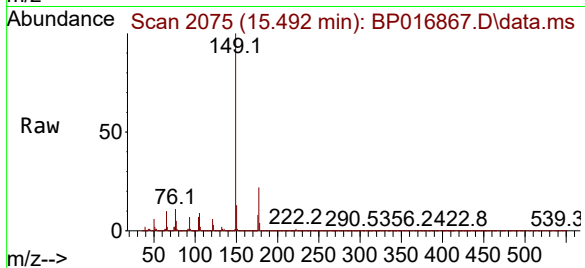
Tgt Ion:149 Resp: 2580991

Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

150 12.8 10.2 15.2



#61

Fluorene

Concen: 36.918 ng/ul

RT: 15.728 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

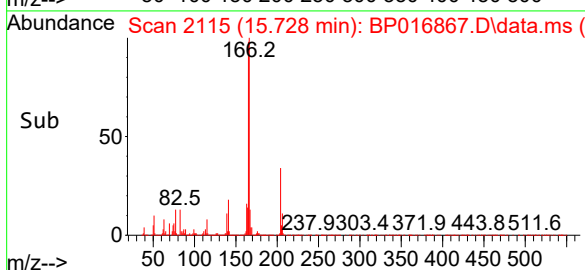
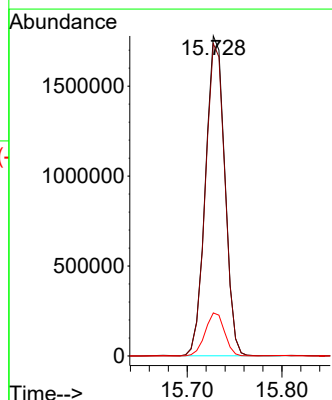
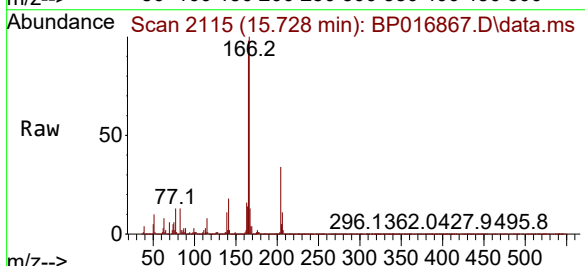
Tgt Ion:166 Resp: 2517915

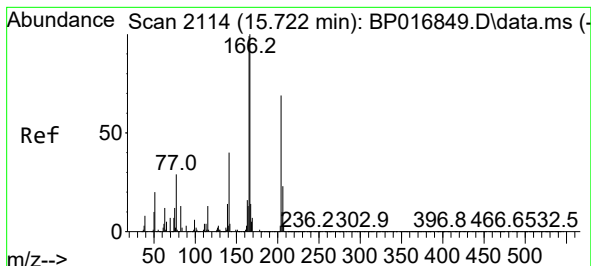
Ion Ratio Lower Upper

166 100

165 97.6 78.8 118.2

167 13.5 10.9 16.3

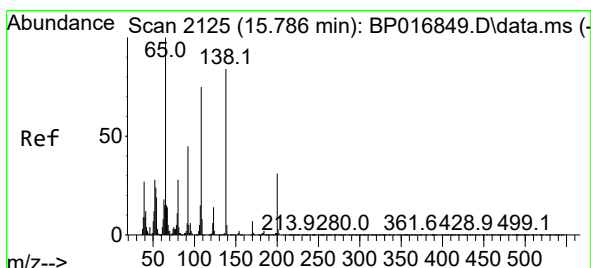
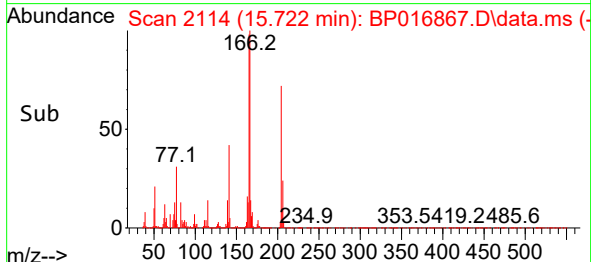
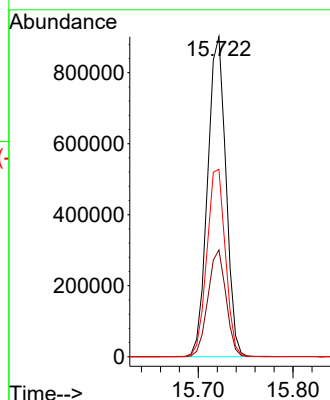
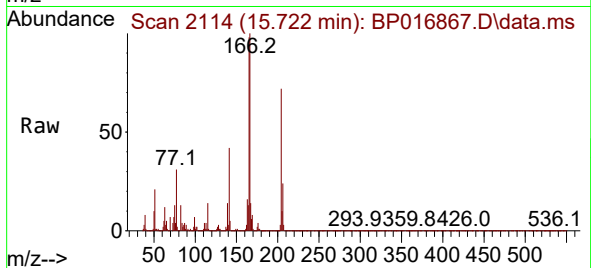




#62
4-Chlorophenyl-phenylether
Concen: 36.069 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

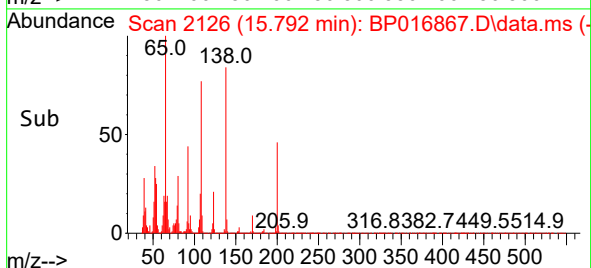
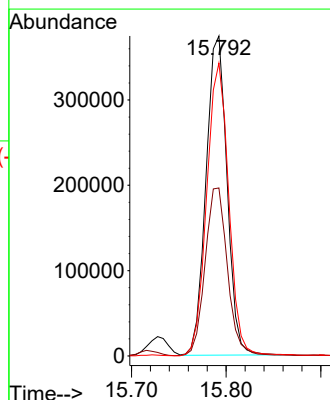
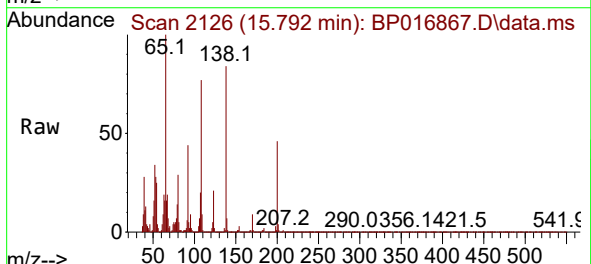
Instrument :
BNA_P
ClientSampleId :

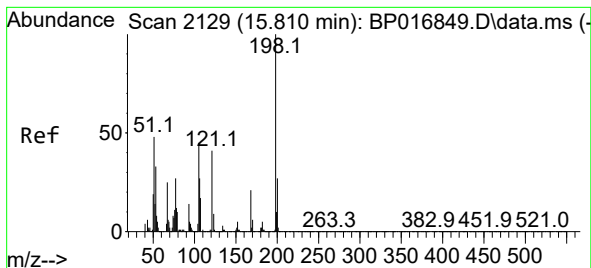
Tgt Ion:204 Resp: 1207787
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 58.5 46.8 70.2



#63
4-Nitroaniline
Concen: 42.064 ng/ul
RT: 15.792 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:138 Resp: 574213
Ion Ratio Lower Upper
138 100
92 52.5 41.6 62.4
108 91.6 74.9 112.3

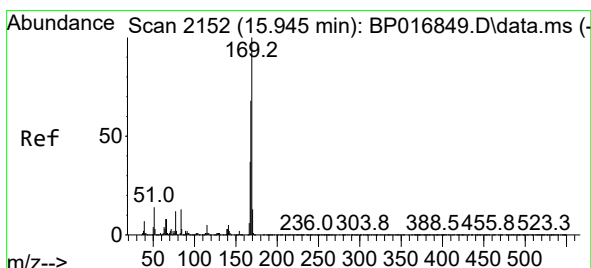
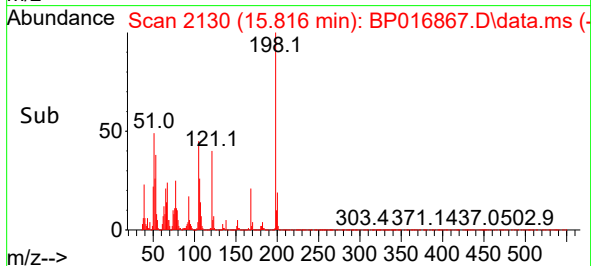
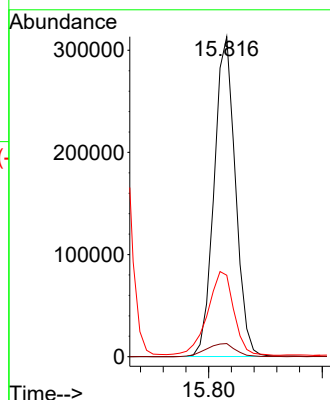
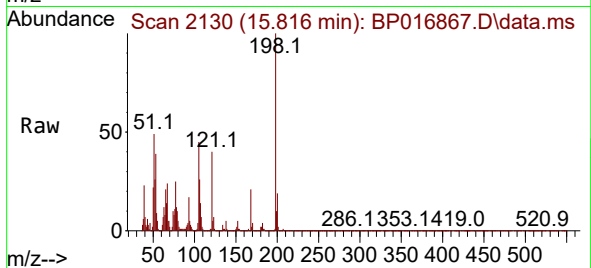




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.209 ng/ul
 RT: 15.816 min Scan# 2129
 Delta R.T. 0.006 min
 Lab File: BP016867.D
 Acq: 30 Aug 2023 11:30

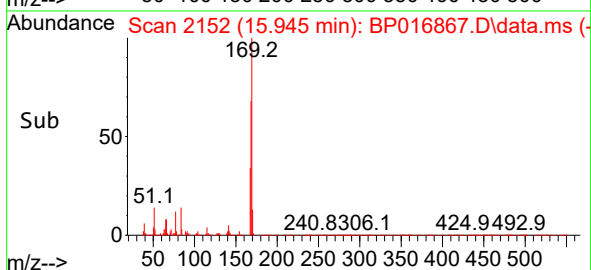
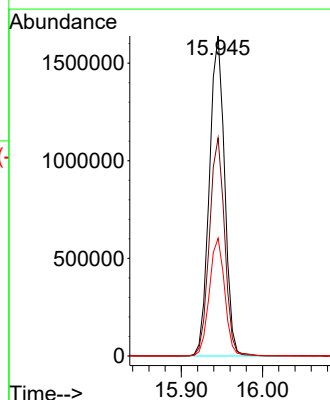
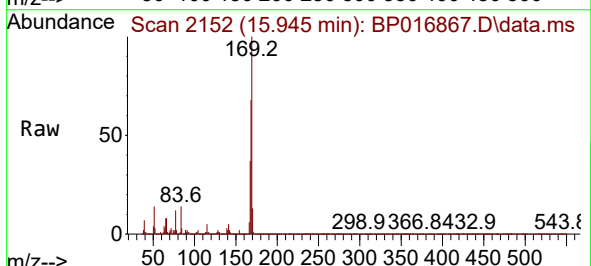
Instrument :
 BNA_P
 ClientSampleId :

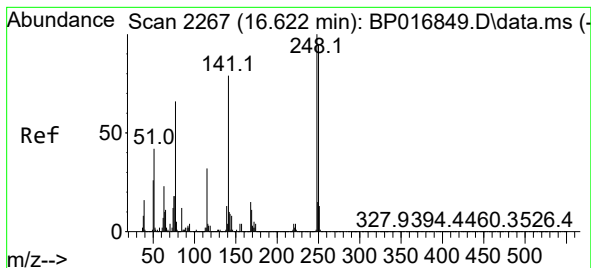
Tgt Ion:198 Resp: 407207
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.2 4.8
 77 25.4 20.7 31.1



#67
 N-Nitrosodiphenylamine
 Concen: 37.926 ng/ul
 RT: 15.945 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BP016867.D
 Acq: 30 Aug 2023 11:30

Tgt Ion:169 Resp: 2131690
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.2 81.2
 167 36.8 29.4 44.2

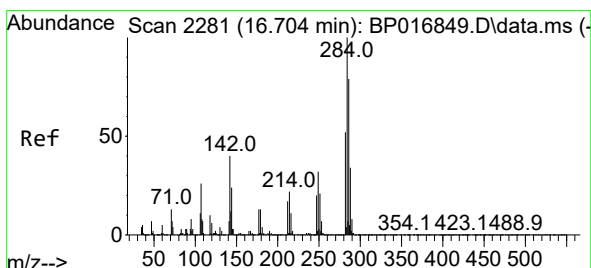
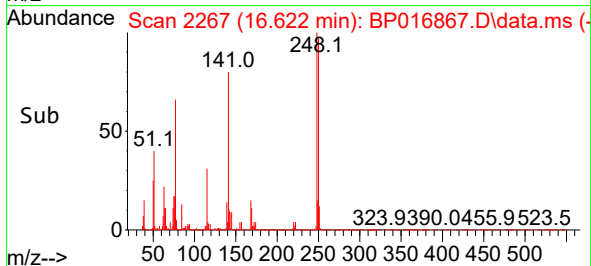
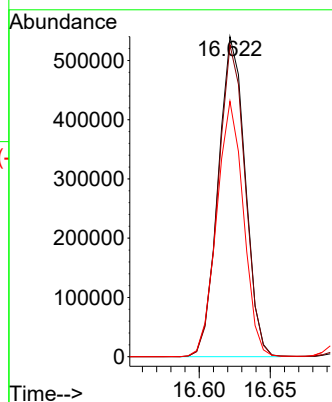
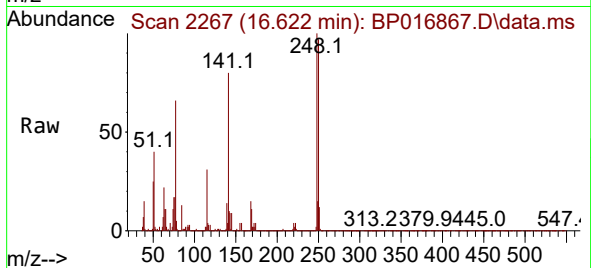




#68
4-Bromophenyl-phenylether
Concen: 36.690 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

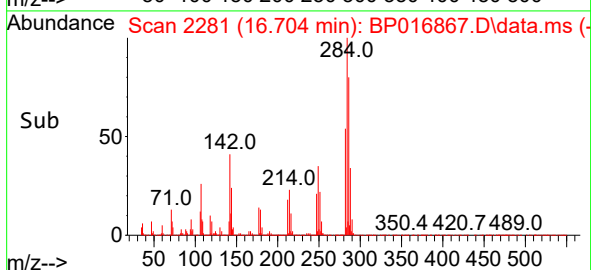
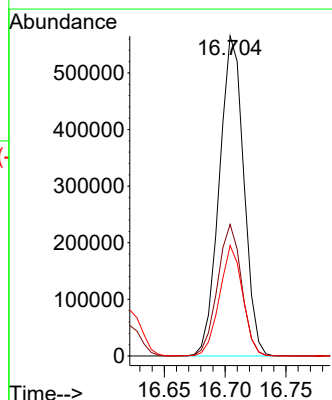
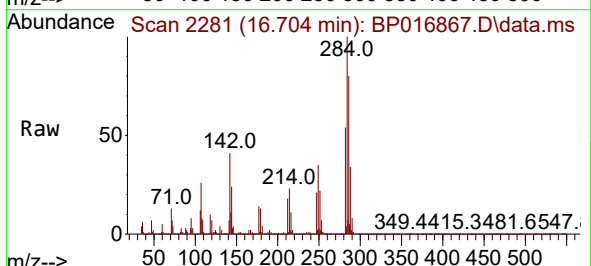
Instrument :
BNA_P
ClientSampleId :

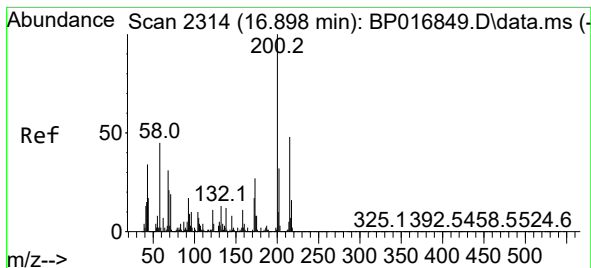
Tgt Ion:248 Resp: 714850
Ion Ratio Lower Upper
248 100
250 97.5 75.4 113.2
141 79.8 58.7 88.1



#69
Hexachlorobenzene
Concen: 36.225 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:284 Resp: 790235
Ion Ratio Lower Upper
284 100
142 41.1 29.8 44.8
249 34.5 25.9 38.9





#70

Atrazine

Concen: 23.911 ng/ul

RT: 16.898 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

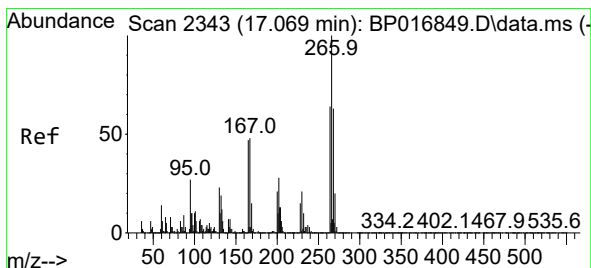
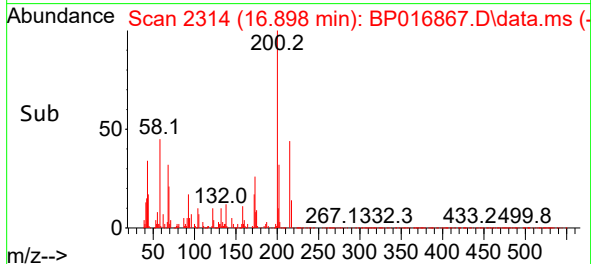
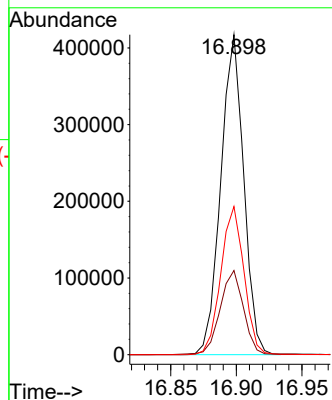
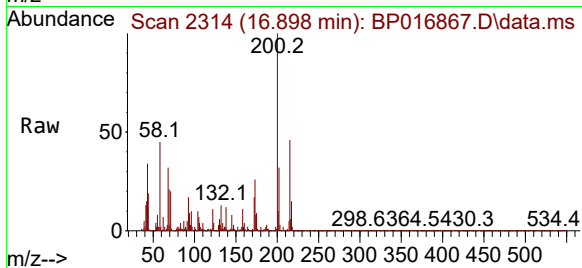
Tgt Ion:200 Resp: 506687

Ion Ratio Lower Upper

200 100

173 26.3 21.4 32.2

215 46.3 37.3 55.9



#71

Pentachlorophenol

Concen: 30.137 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. -0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

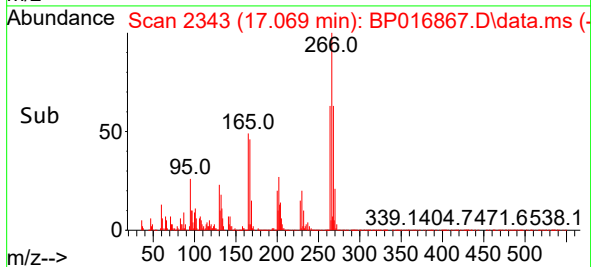
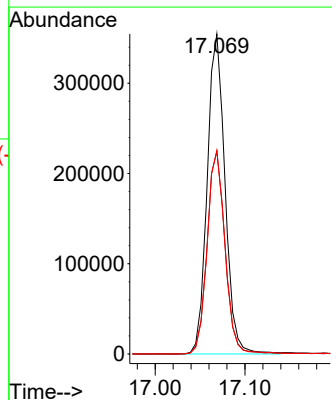
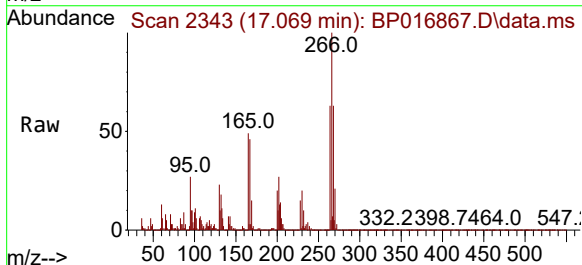
Tgt Ion:266 Resp: 488022

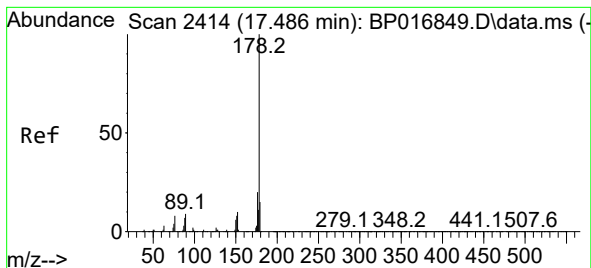
Ion Ratio Lower Upper

266 100

264 63.4 50.7 76.1

268 63.5 50.8 76.2





#72

Phenanthrene

Concen: 37.664 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

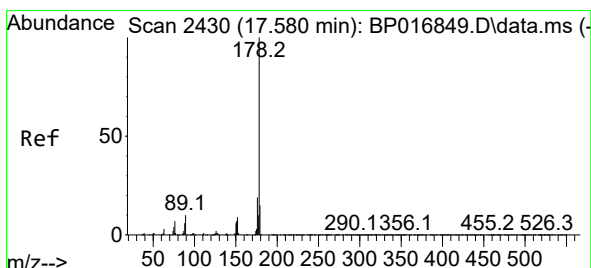
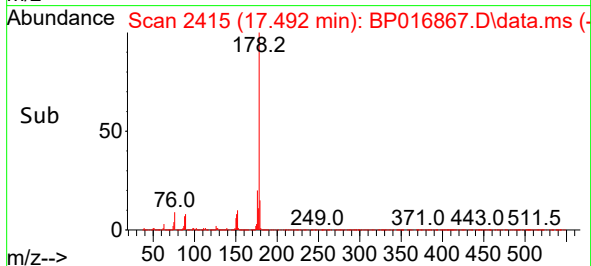
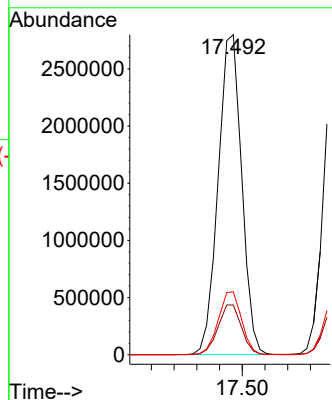
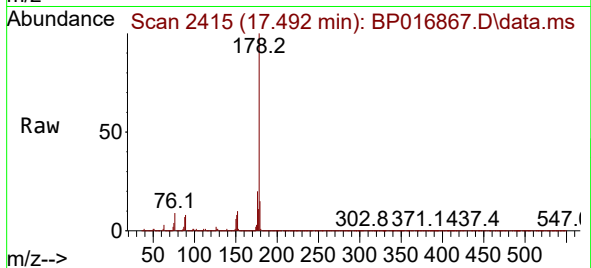
Tgt Ion:178 Resp: 4029430

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.6 15.6 23.4



#74

Anthracene

Concen: 37.443 ng/ul

RT: 17.580 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

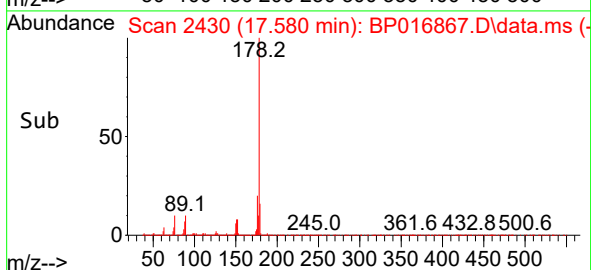
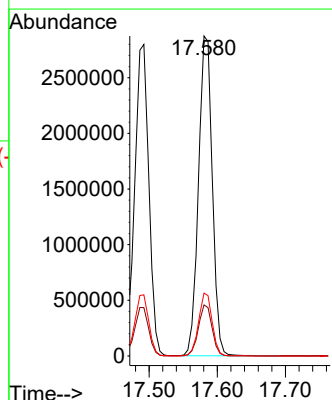
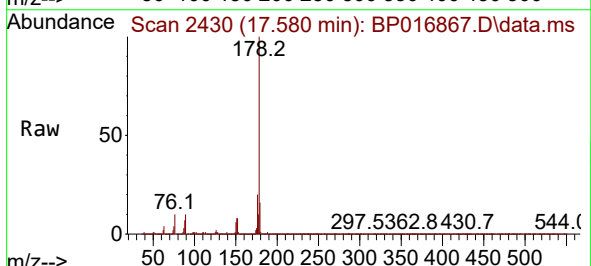
Tgt Ion:178 Resp: 4050406

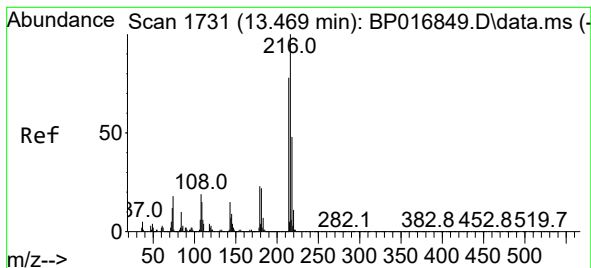
Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.7 15.3 22.9

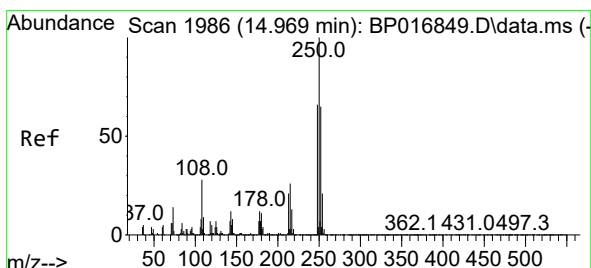
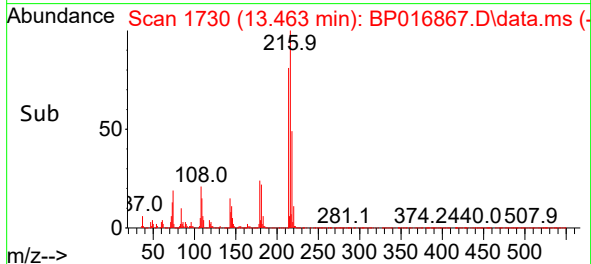
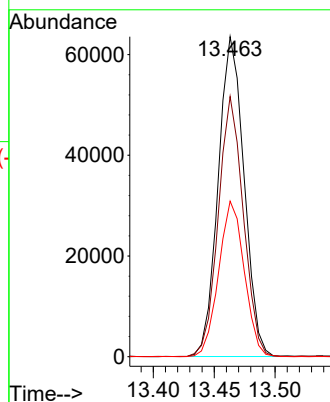
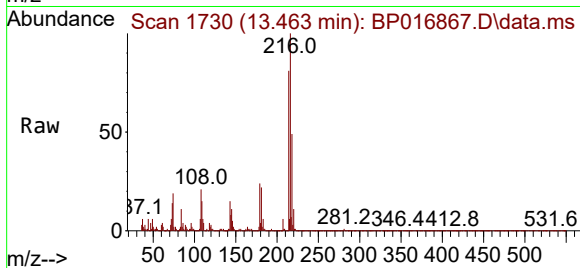




#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.453 ng/uL
RT: 13.463 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

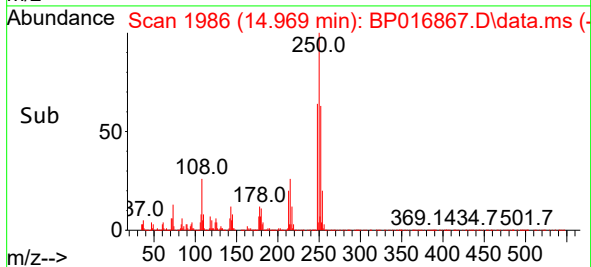
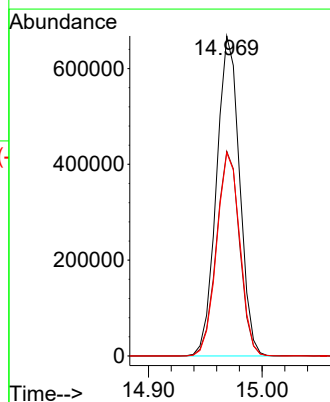
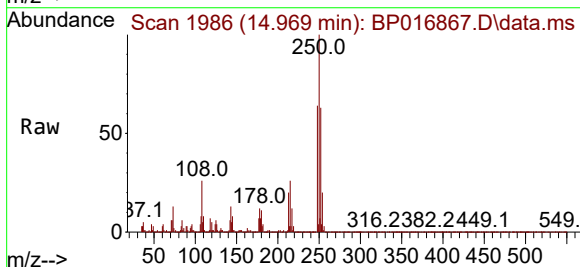
Instrument :
BNA_P
ClientSampleId :

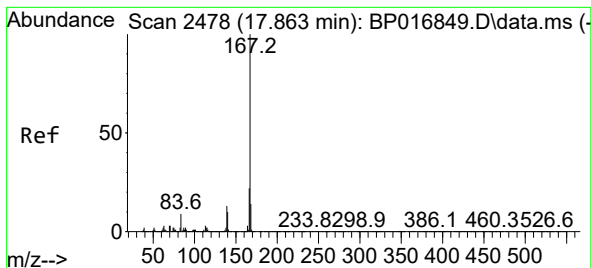
Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.3	64.0	96.0
218	48.6	38.2	57.2



#76
Pentachlorobenzene
Concen: 38.741 ng/uL
RT: 14.969 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion	Ratio	Lower	Upper
250	100		
248	63.9	50.9	76.3
252	63.5	52.2	78.4





#77

Carbazole

Concen: 38.410 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

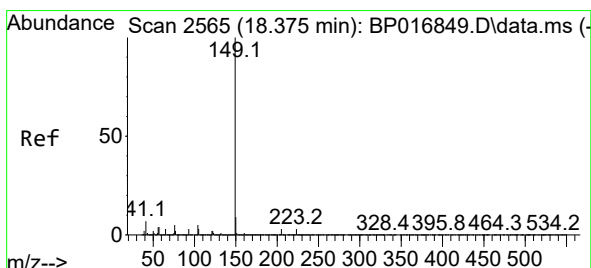
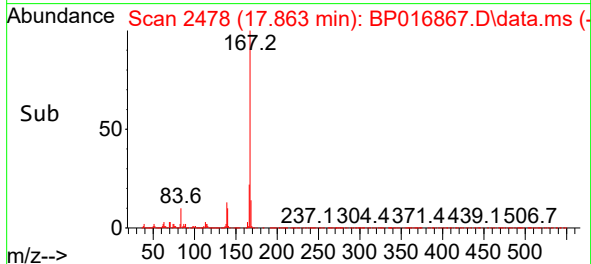
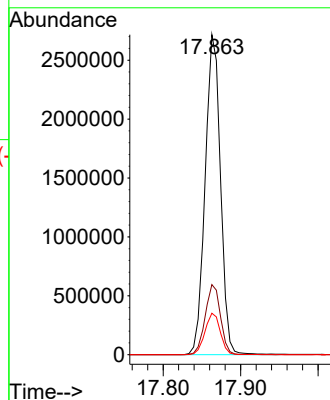
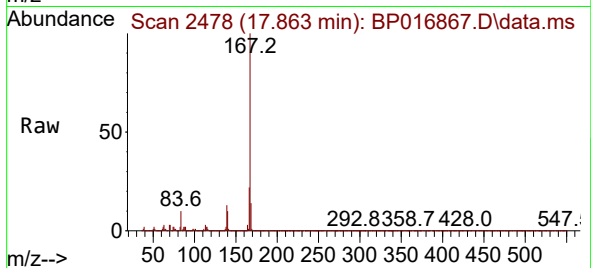
Tgt Ion:167 Resp: 3742147

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 12.9 10.4 15.6



#78

Di-n-butylphthalate

Concen: 37.959 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

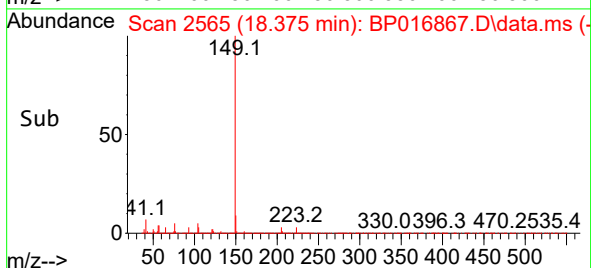
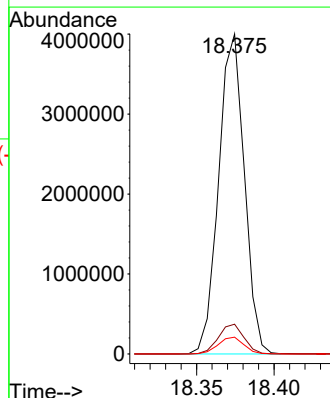
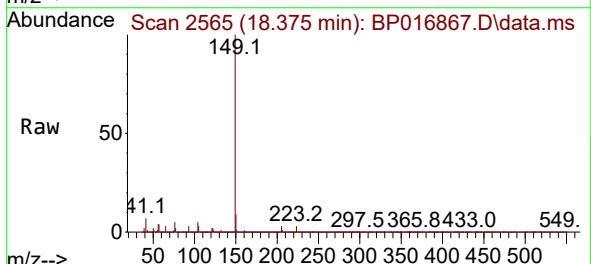
Tgt Ion:149 Resp: 4613870

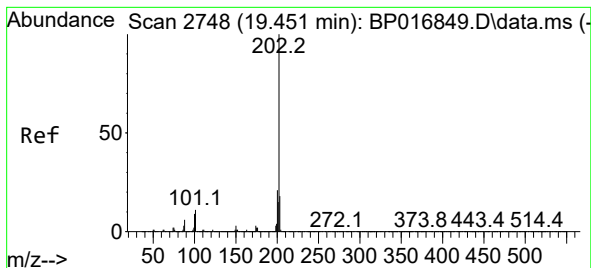
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.2 4.1 6.1





#80

Fluoranthene

Concen: 41.562 ng/ul

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

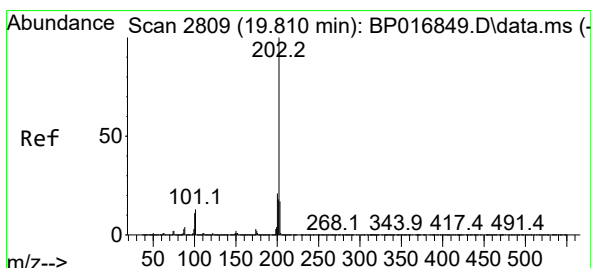
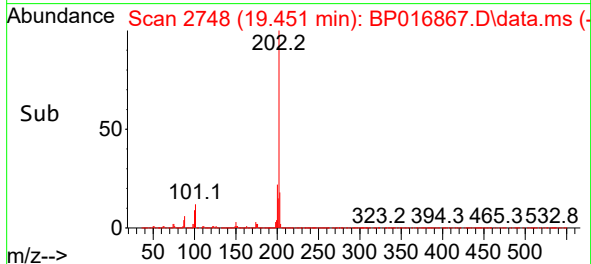
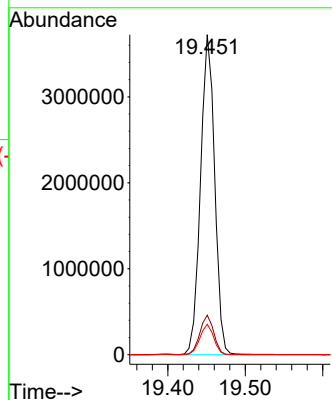
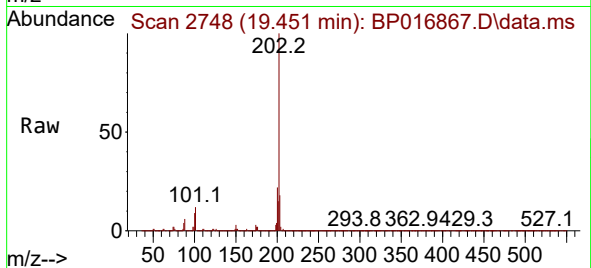
Tgt Ion:202 Resp: 4714232

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

100 9.5 7.4 11.2



#82

Pyrene

Concen: 41.365 ng/ul

RT: 19.810 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

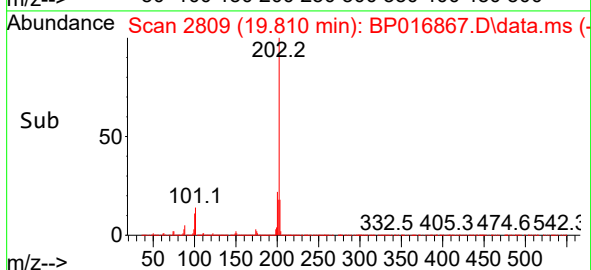
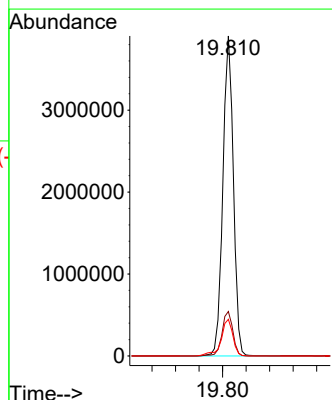
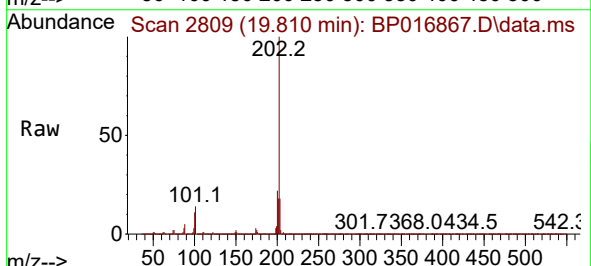
Tgt Ion:202 Resp: 4846464

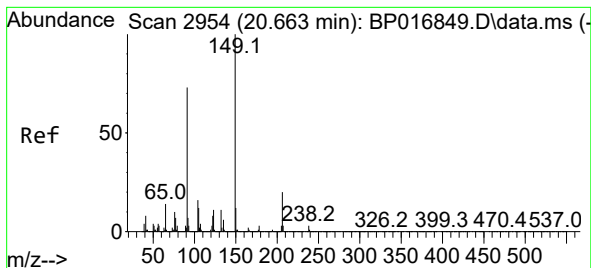
Ion Ratio Lower Upper

202 100

101 13.9 11.4 17.2

100 11.5 9.4 14.2





#83

Butylbenzylphthalate

Concen: 42.327 ng/ul

RT: 20.663 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

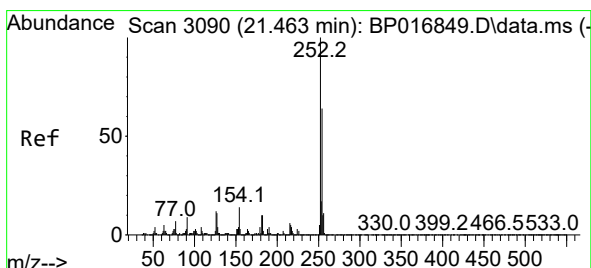
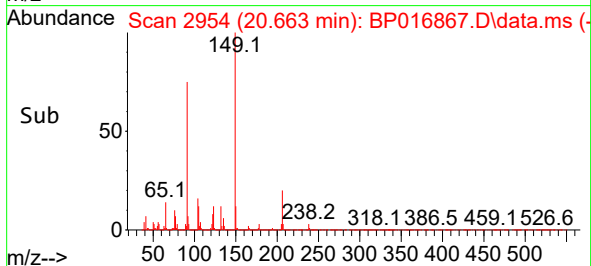
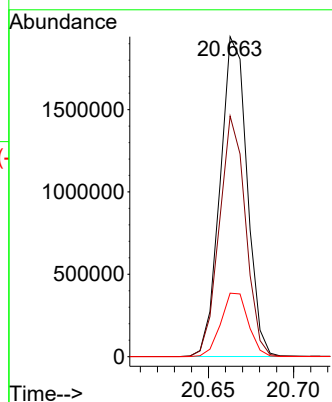
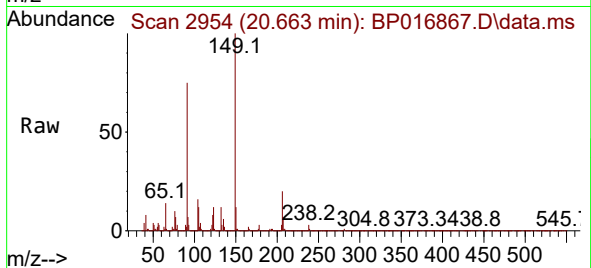
Tgt Ion:149 Resp: 2138743

Ion Ratio Lower Upper

149 100

91 75.2 58.5 87.7

206 19.8 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 38.433 ng/ul

RT: 21.463 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

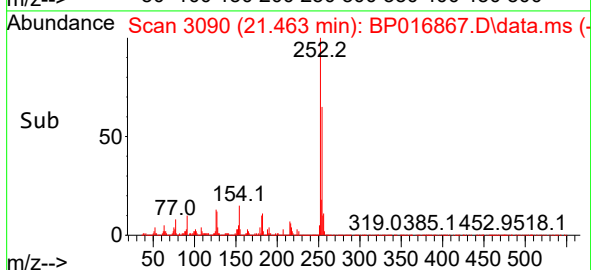
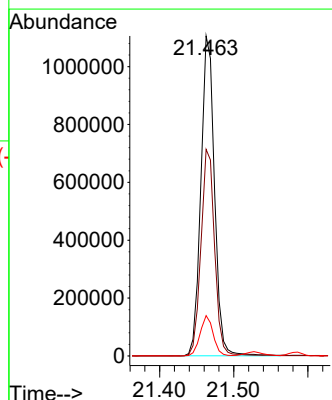
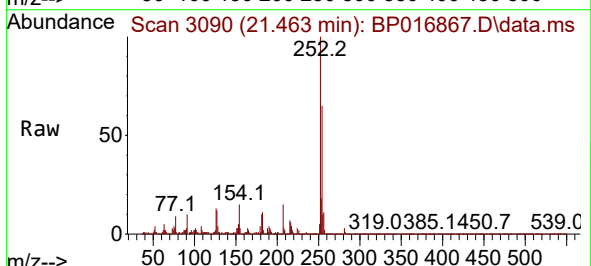
Tgt Ion:252 Resp: 1412300

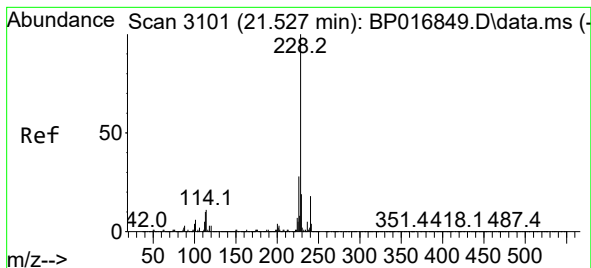
Ion Ratio Lower Upper

252 100

254 64.5 52.1 78.1

126 12.6 9.6 14.4





#85

Benzo(a)anthracene

Concen: 37.802 ng/ul

RT: 21.527 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

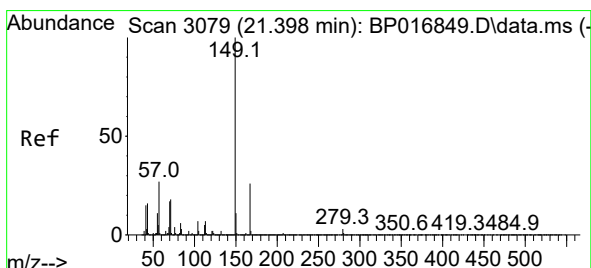
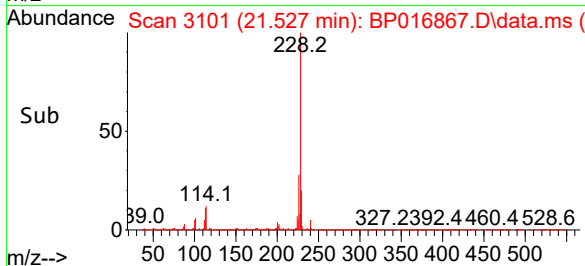
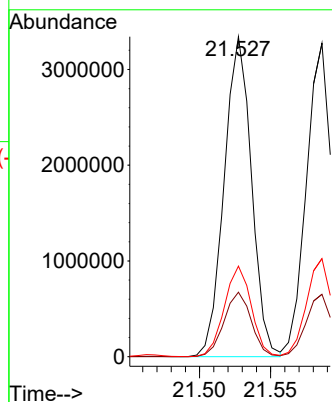
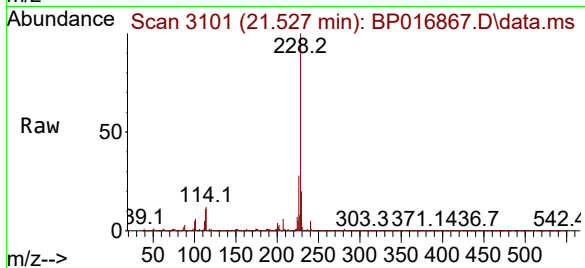
Tgt Ion:228 Resp: 4476598

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.4

226 28.3 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.929 ng/ul

RT: 21.404 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

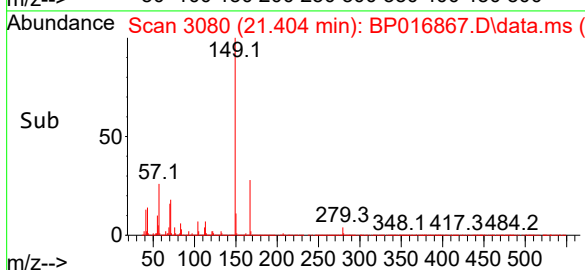
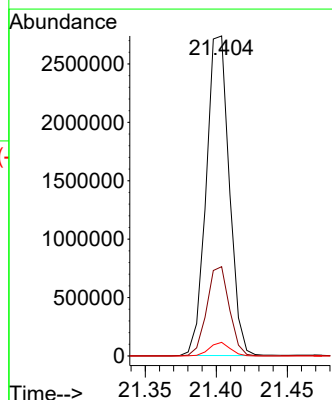
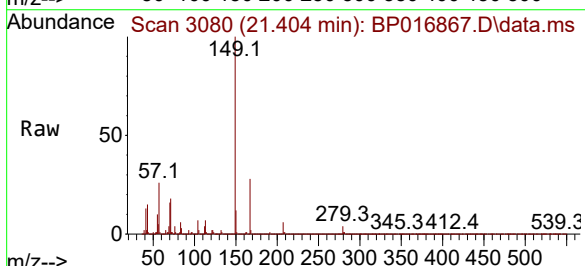
Tgt Ion:149 Resp: 3093519

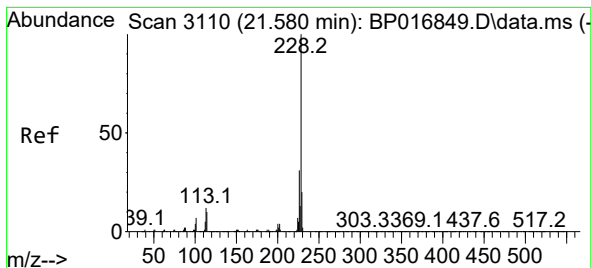
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 4.2 3.0 4.4





#87

Chrysene

Concen: 38.528 ng/ul

RT: 21.586 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

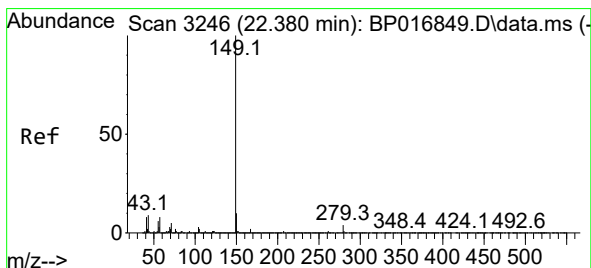
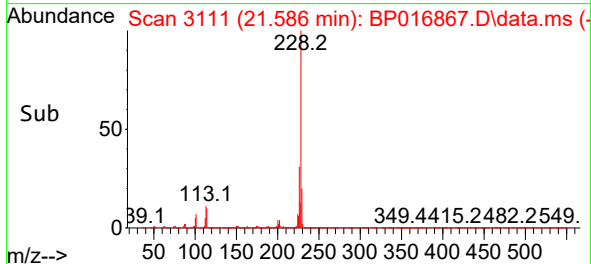
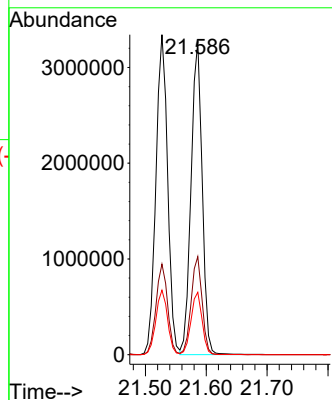
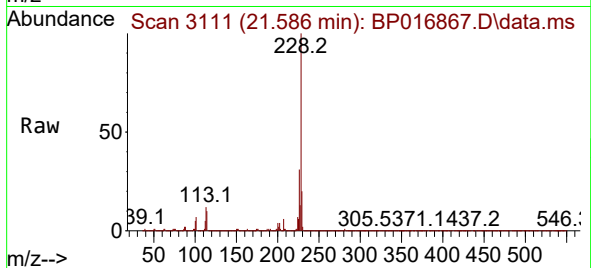
Tgt Ion:228 Resp: 4144430

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

229 19.9 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 45.320 ng/ul

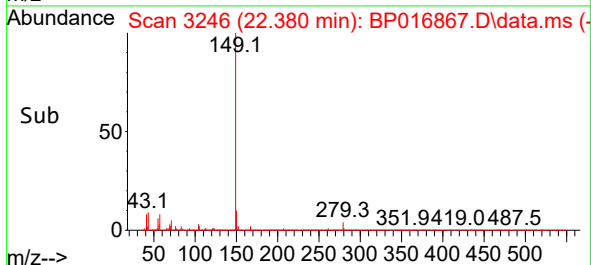
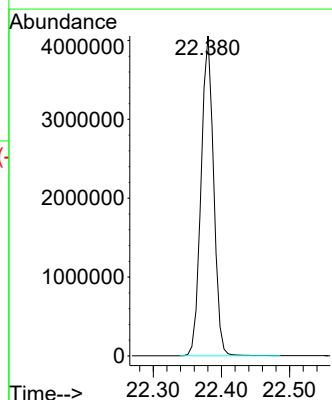
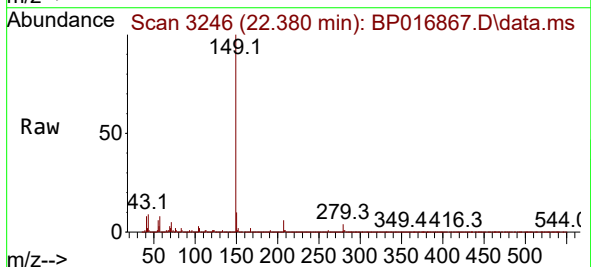
RT: 22.380 min Scan# 3246

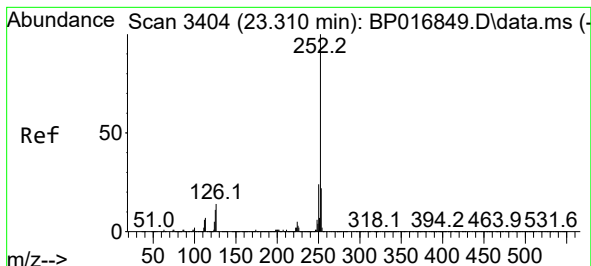
Delta R.T. -0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Tgt Ion:149 Resp: 5194397





#90

Benzo(b)fluoranthene

Concen: 40.079 ng/ul

RT: 23.310 min Scan# 3404

Delta R.T. 0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

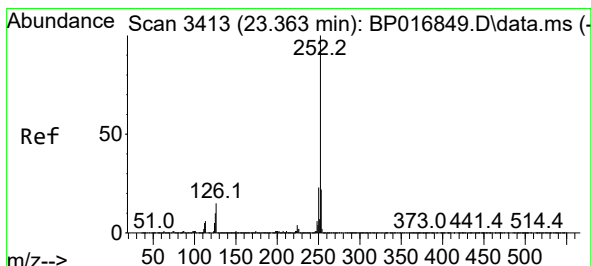
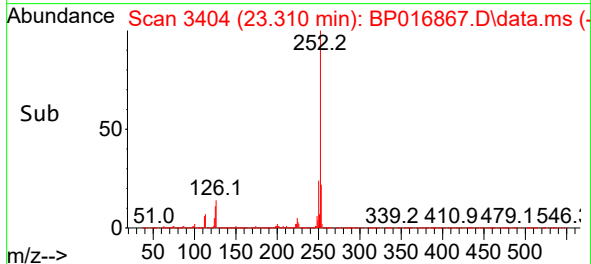
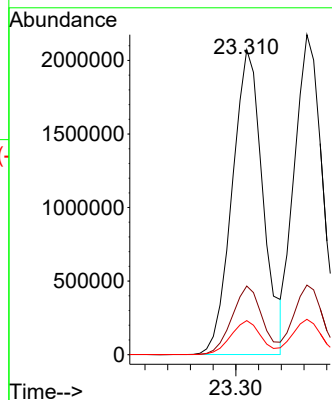
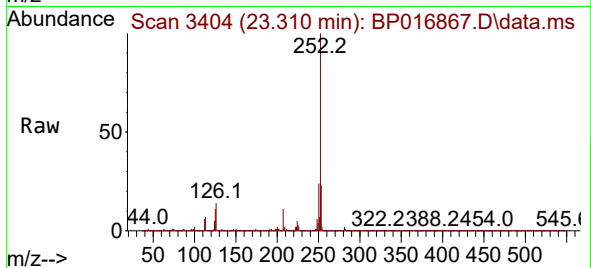
Tgt Ion:252 Resp: 3895226

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 11.2 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 38.824 ng/ul

RT: 23.362 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

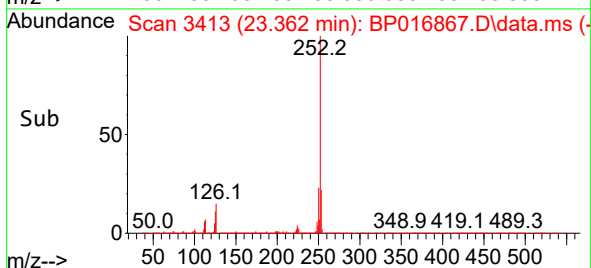
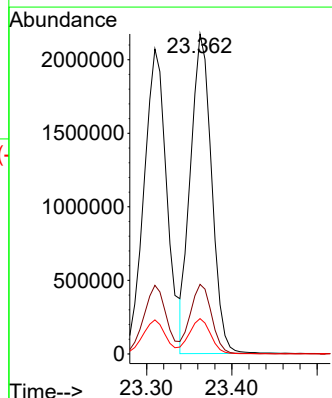
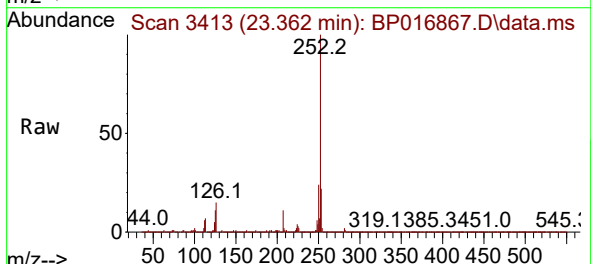
Tgt Ion:252 Resp: 3731762

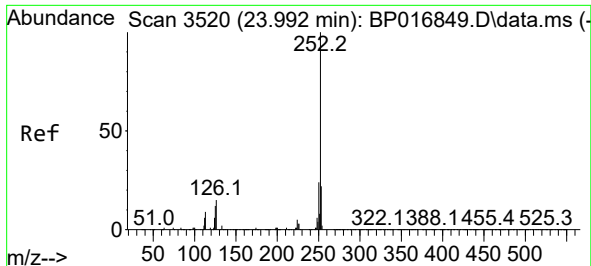
Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 11.0 8.9 13.3

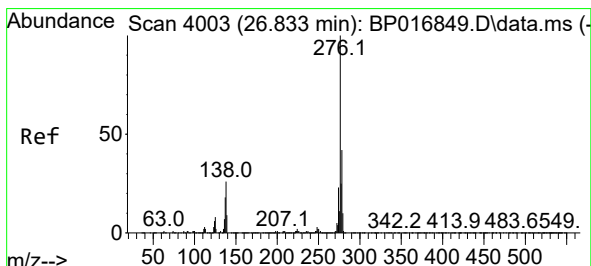
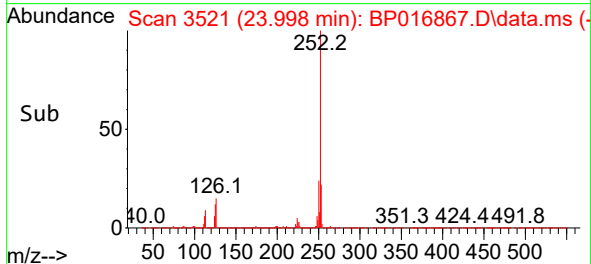
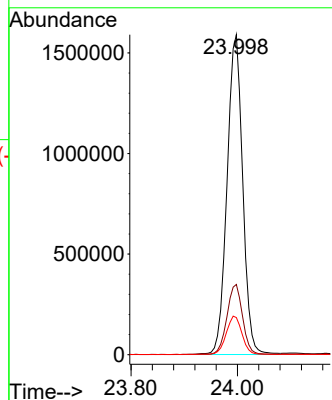
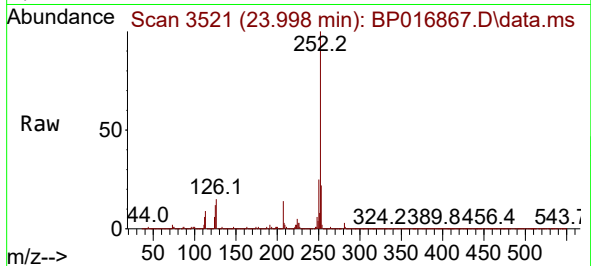




#93
Benzo(a)pyrene
Concen: 36.899 ng/ul
RT: 23.998 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

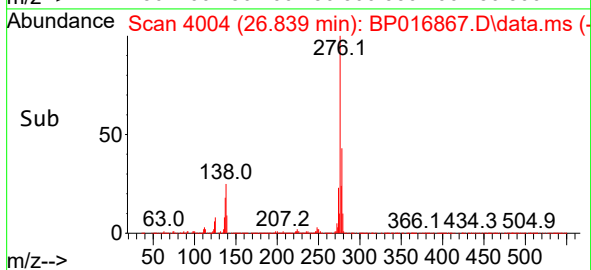
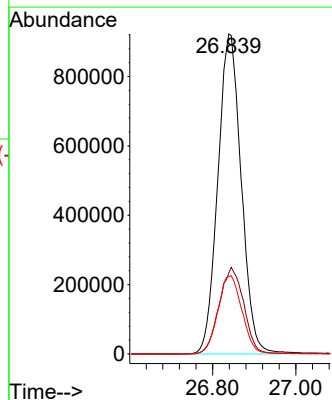
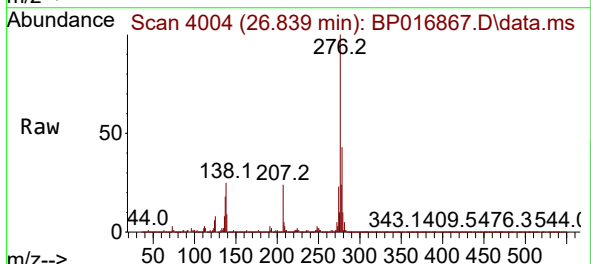
Instrument :
BNA_P
ClientSampleId :

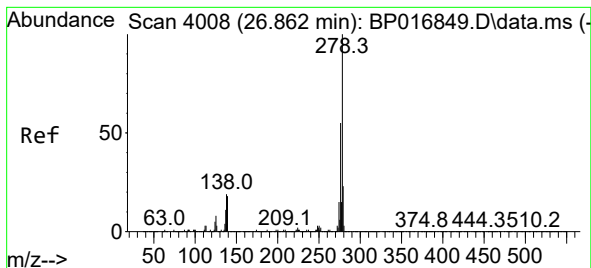
Tgt Ion:252 Resp: 3243775
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.6 9.9 14.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 40.092 ng/ul
RT: 26.839 min Scan# 4004
Delta R.T. 0.006 min
Lab File: BP016867.D
Acq: 30 Aug 2023 11:30

Tgt Ion:276 Resp: 3601486
Ion Ratio Lower Upper
276 100
138 25.3 20.9 31.3
277 24.2 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 39.924 ng/ul

RT: 26.862 min Scan# 4008

Delta R.T. -0.000 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Instrument :

BNA_P

ClientSampleId :

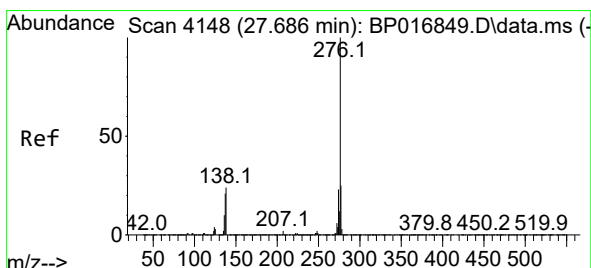
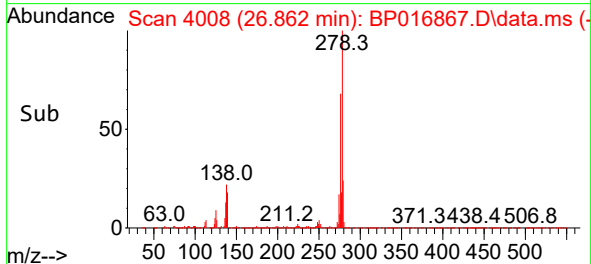
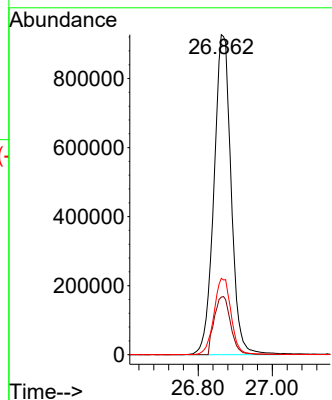
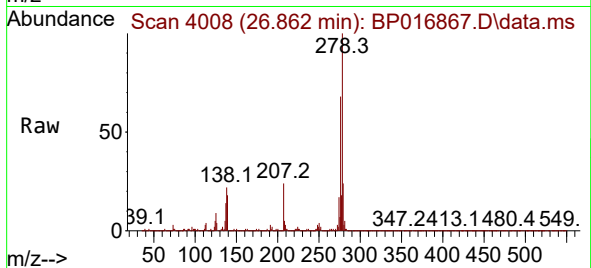
Tgt Ion:278 Resp: 2978805

Ion Ratio Lower Upper

278 100

139 18.0 15.0 22.6

279 23.8 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 42.115 ng/ul

RT: 27.692 min Scan# 4149

Delta R.T. 0.006 min

Lab File: BP016867.D

Acq: 30 Aug 2023 11:30

Tgt Ion:276 Resp: 2868265

Ion Ratio Lower Upper

276 100

138 24.2 20.2 30.4

277 23.7 19.3 28.9

