

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016883.D
 Acq On : 30 Aug 2023 21:55
 Operator : MA/JU
 Sample : PB155126BS
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:53:12 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	429363	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	1889034	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	1170279	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2542650	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	2023664	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1684158	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	66604	6.411	ng/uL	0.00
4) Pyridine-d5	3.811	84	960227	30.246	ng/u1	0.00
7) Phenol-d5	7.169	99	1282633	33.595	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	775912	31.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	943681	32.874	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	981431	31.489	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	472837	33.105	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	521013	34.607	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	962431	34.290	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	1304073	30.297	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	2860516	32.412	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	3320269	33.279	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	527467	28.916	ng/u1	0.00
60) Fluorene-d10	15.669	176	2471339	33.252	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	452615	29.891	ng/u1	0.00
73) Anthracene-d10	17.545	188	3695177	32.786	ng/u1	0.00
81) Pyrene-d10	19.780	212	4292265	38.619	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	2993036	35.479	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	138527	12.245	ng/uL	98
5) Pyridine	3.834	79	980910	29.995	ng/u1	99
6) Benzaldehyde	7.181	77	771553	36.954	ng/u1	99
8) Phenol	7.193	94	1352260	33.844	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.458	93	1045571	32.419	ng/u1	98
12) 2-Chlorophenol	7.575	128	1004666	34.240	ng/u1	100
13) 2-Methylphenol	8.457	108	979038	32.665	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	902668	19.187	ng/u1	100
16) Acetophenone	8.875	105	1605368	33.218	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.846	70	860556	33.789	ng/u1	98
18) 4-Methylphenol	8.799	108	1082520	33.168	ng/u1	99
19) Hexachloroethane	9.093	117	396563	32.483	ng/u1	98
22) Nitrobenzene	9.263	77	1266833	34.573	ng/u1	99
23) Isophorone	9.781	82	2404565	33.788	ng/u1	100
25) 2-Nitrophenol	9.969	139	584362	35.103	ng/u1	100
26) 2,4-Dimethylphenol	10.004	107	918557	27.454	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.263	93	1472486	33.537	ng/u1	99
29) 2,4-Dichlorophenol	10.487	162	990421	35.129	ng/u1	100
30) Naphthalene	10.904	128	3287134	33.592	ng/u1	100
32) 4-Chloroaniline	11.034	127	1315459	31.099	ng/u1	100
33) Hexachlorobutadiene	11.134	225	544803	31.370	ng/u1	98
34) Caprolactam	11.869	113	260092	25.015	ng/u1	97
35) 4-Chloro-3-methylphenol	12.134	107	1120564	35.443	ng/u1	99
36) 2-Methylnaphthalene	12.504	142	2271870	33.635	ng/u1	100

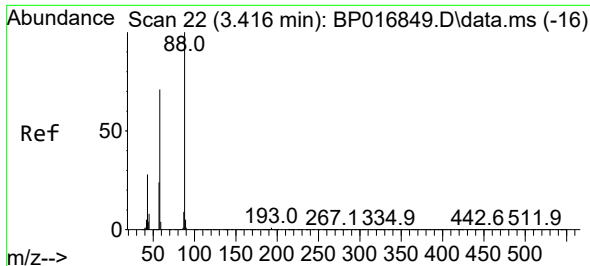
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	2194713	32.222	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	1106772	33.182	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	444118	18.106	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	788006	35.378	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	857277	35.568	ng/ul	100
43) 1,1'-Biphenyl	13.510	154	3026994	34.789	ng/ul	99
44) 2-Chloronaphthalene	13.557	162	2396170	34.885	ng/ul	99
45) 2-Nitroaniline	13.793	65	767921	36.864	ng/ul	99
47) Dimethylphthalate	14.140	163	3023090	33.823	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	638093	36.433	ng/ul	99
50) Acenaphthylene	14.404	152	3760635	32.932	ng/ul	100
51) 3-Nitroaniline	14.622	138	651742	35.737	ng/ul	99
52) Acenaphthene	14.740	153	2584713	34.214	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	292616	22.993	ng/ul	99
55) 4-Nitrophenol	14.904	109	424566	30.819	ng/ul	99
56) Dibenzofuran	15.075	168	3560774	34.351	ng/ul	97
57) 2,4-Dinitrotoluene	15.063	165	918949	35.647	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.292	232	708070	34.508	ng/ul	100
59) Diethylphthalate	15.492	149	3080186	33.922	ng/ul	99
61) Fluorene	15.728	166	2975484	34.318	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	1437377	33.766	ng/ul	98
63) 4-Nitroaniline	15.792	138	630237	36.317	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.816	198	485215	29.722	ng/ul	99
67) N-Nitrosodiphenylamine	15.945	169	2495816	35.490	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	846256	34.714	ng/ul	96
69) Hexachlorobenzene	16.704	284	931029	34.110	ng/ul	98
70) Atrazine	16.898	200	841347	31.733	ng/ul	99
71) Pentachlorophenol	17.069	266	575850	28.421	ng/ul	99
72) Phenanthrene	17.486	178	4720315	35.263	ng/ul	99
74) Anthracene	17.581	178	4593978	33.942	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	110355	3.241	ng/uL	97
76) Pentachlorobenzene	14.969	250	1111775	36.541	ng/uL	99
77) Carbazole	17.863	167	4309006	35.349	ng/ul	99
78) Di-n-butylphthalate	18.369	149	5406291	35.549	ng/ul	99
80) Fluoranthene	19.451	202	5395482	40.412	ng/ul	99
82) Pyrene	19.810	202	5534621	40.131	ng/ul	99
83) Butylbenzylphthalate	20.663	149	2476664	41.641	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.463	252	1469993	33.985	ng/ul	99
85) Benzo(a)anthracene	21.527	228	4925644	35.337	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	3605064	41.511	ng/ul	100
87) Chrysene	21.586	228	4538325	35.842	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	5852074	46.142	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	4037925	37.546	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	4067890	38.246	ng/ul	100
93) Benzo(a)pyrene	23.998	252	3469042	35.661	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.839	276	3960566	39.843	ng/ul	99
95) Dibenzo(a,h)anthracene	26.862	278	3271102	39.620	ng/ul	100
96) Benzo(g,h,i)perylene	27.686	276	3132117	41.561	ng/ul	99

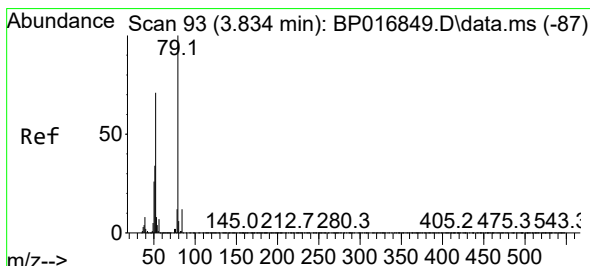
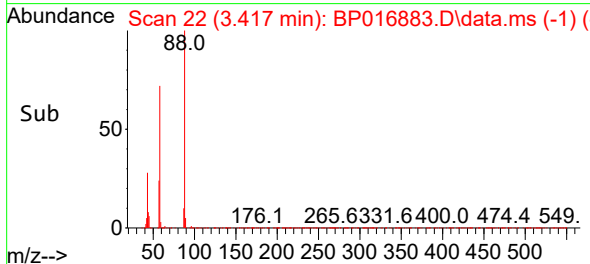
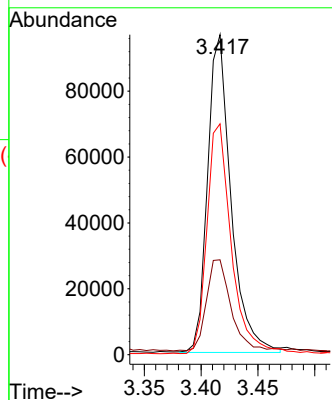
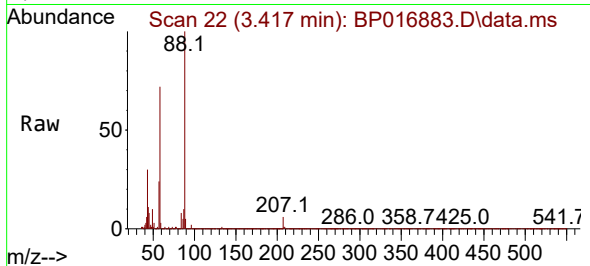
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#2
1,4-Dioxane
Concen: 12.245 ng/uL
RT: 3.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016883.D
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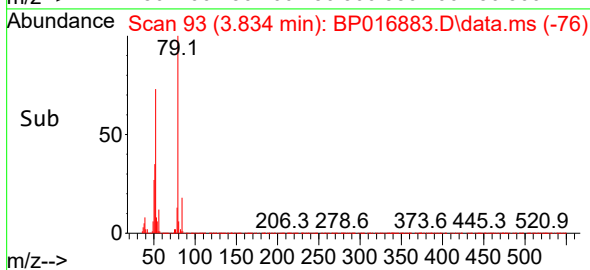
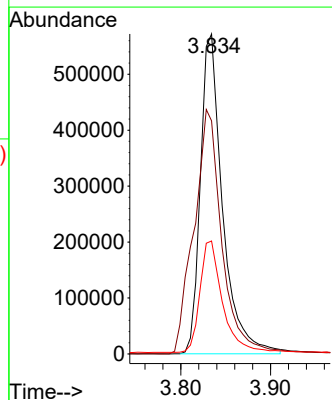
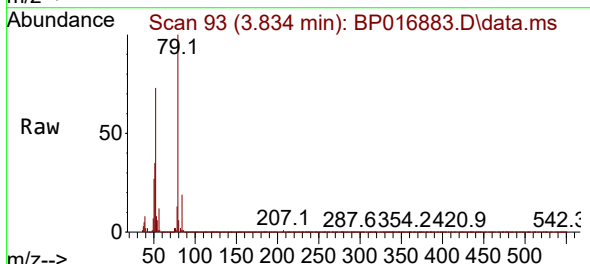
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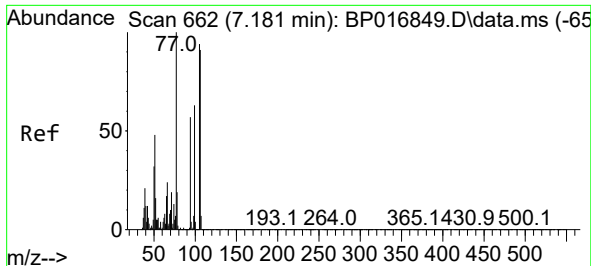
Tgt Ion: 88 Resp: 138527
Ion Ratio Lower Upper
88 100
43 29.7 24.0 36.0
58 72.2 59.8 89.8



#5
Pyridine
Concen: 29.995 ng/uL
RT: 3.834 min Scan# 93
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion: 79 Resp: 980910
Ion Ratio Lower Upper
79 100
52 72.8 59.6 89.4
51 35.3 28.2 42.2

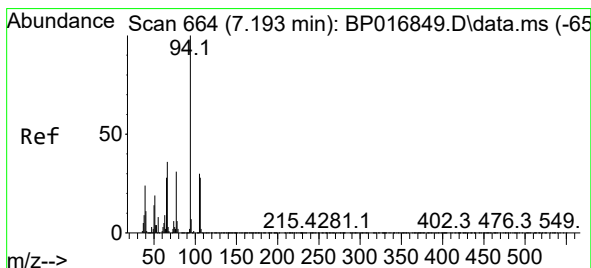
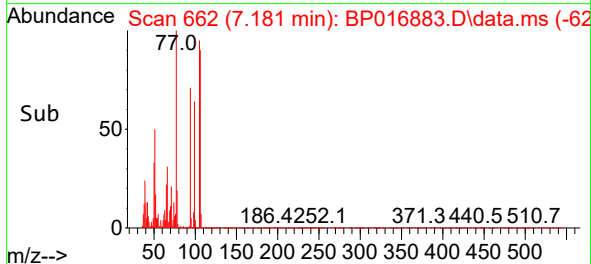
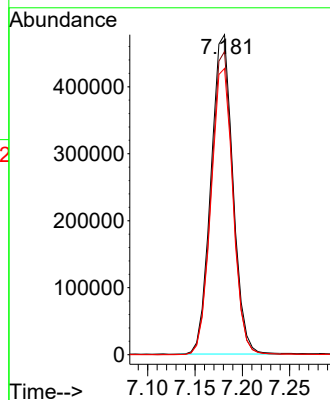
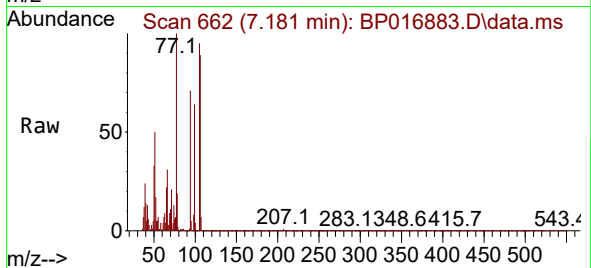




#6
Benzaldehyde
Concen: 36.954 ng/ul
RT: 7.181 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

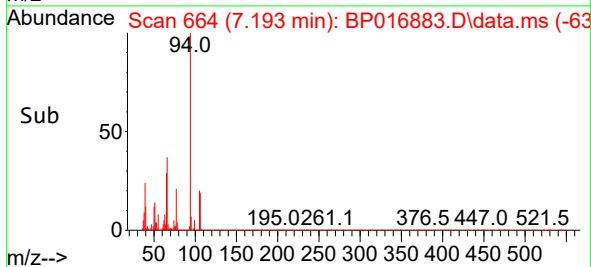
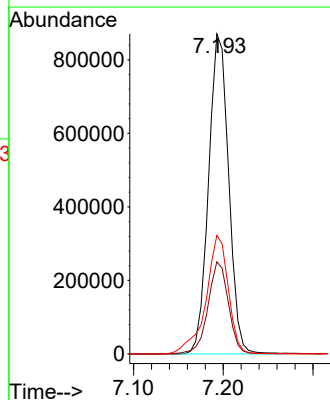
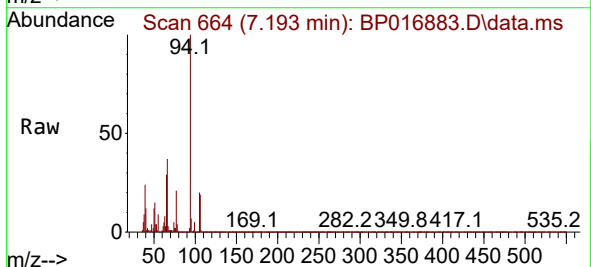
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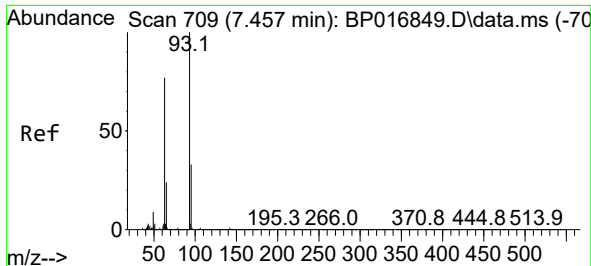
Tgt Ion: 77 Resp: 771553
Ion Ratio Lower Upper
77 100
105 94.7 75.4 113.2
106 89.4 73.1 109.7



#8
Phenol
Concen: 33.844 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion: 94 Resp: 1352260
Ion Ratio Lower Upper
94 100
65 28.8 22.4 33.6
66 37.1 28.6 42.8

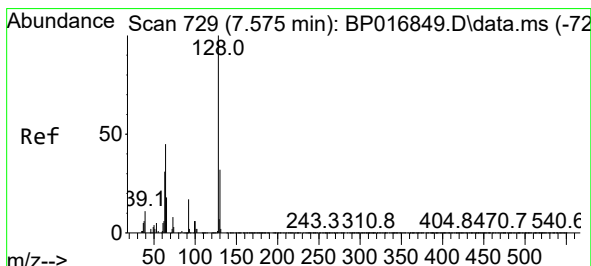
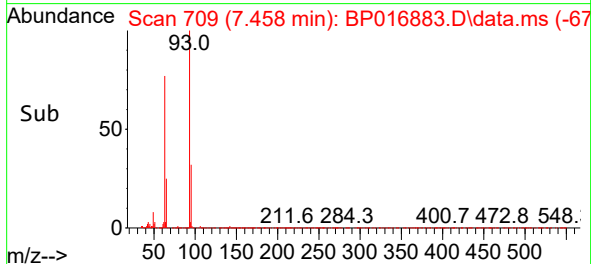
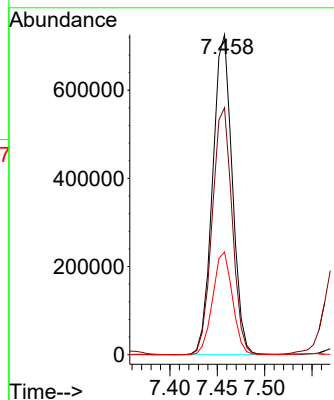
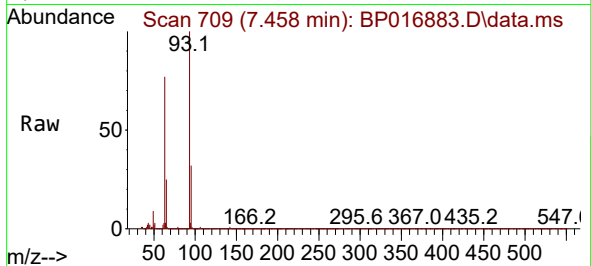




#10
Bis(2-Chloroethyl)ether
Concen: 32.419 ng/ul
RT: 7.458 min Scan# 709
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

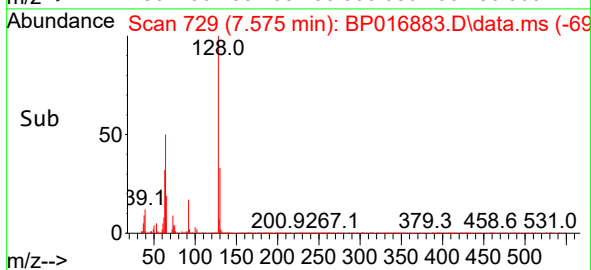
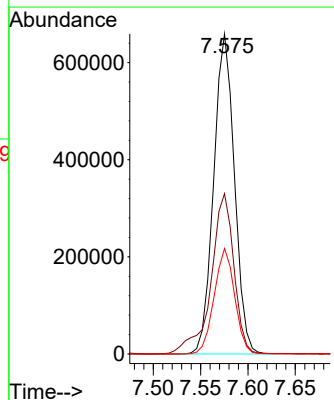
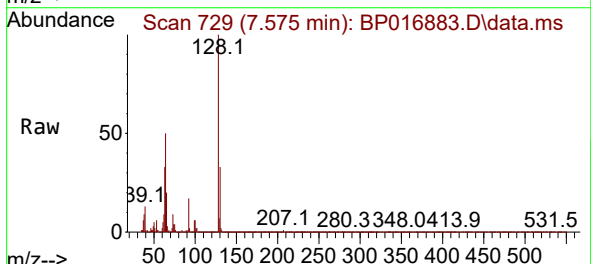
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ClientSampleId :

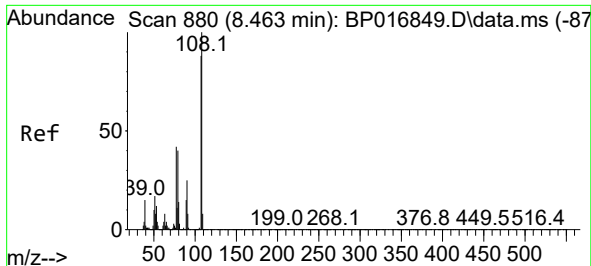
Tgt Ion: 93 Resp: 1045571
Ion Ratio Lower Upper
93 100
63 77.1 62.9 94.3
95 32.1 26.3 39.5



#12
2-Chlorophenol
Concen: 34.240 ng/ul
RT: 7.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:128 Resp: 1004666
Ion Ratio Lower Upper
128 100
64 50.1 40.0 60.0
130 33.0 26.4 39.6





#13

2-Methylphenol

Concen: 32.665 ng/ul

RT: 8.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

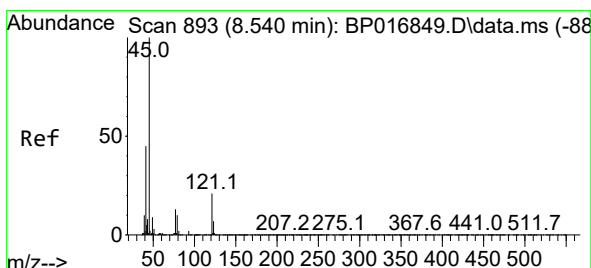
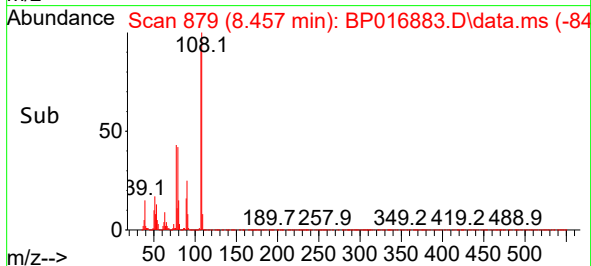
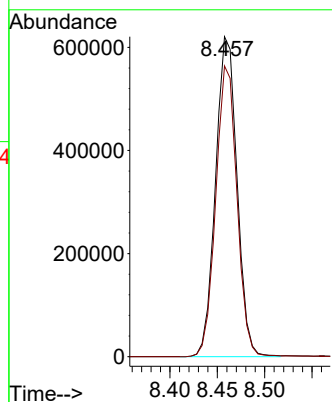
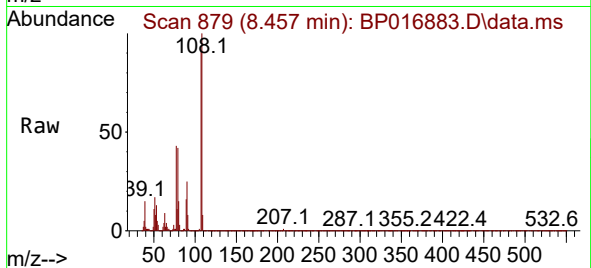
ClientSampleId :

Tgt Ion:108 Resp: 979038

Ion Ratio Lower Upper

108 100

107 90.9 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.187 ng/ul

RT: 8.534 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

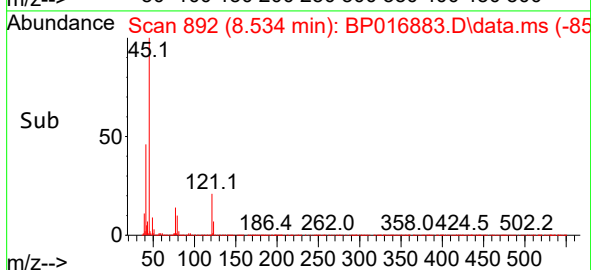
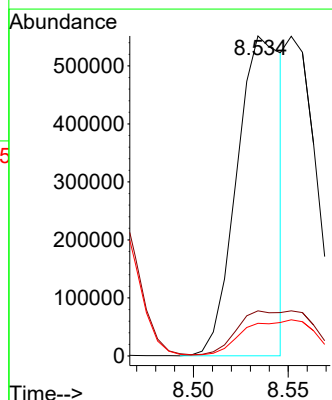
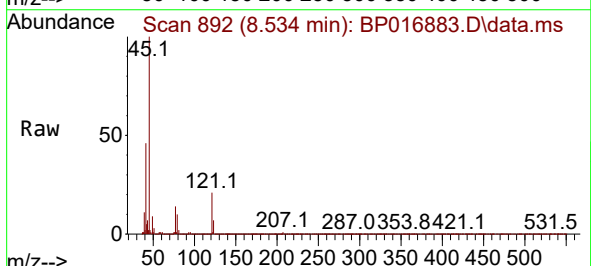
Tgt Ion: 45 Resp: 902668

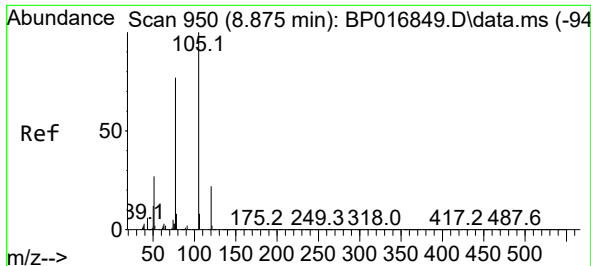
Ion Ratio Lower Upper

45 100

77 14.1 11.1 16.7

79 10.2 8.2 12.4

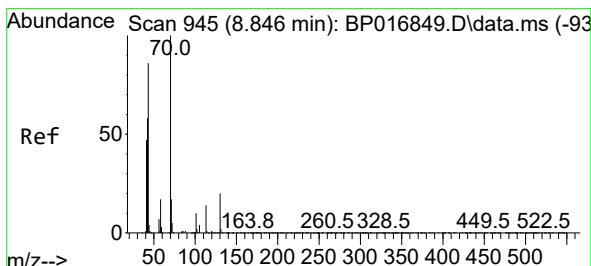
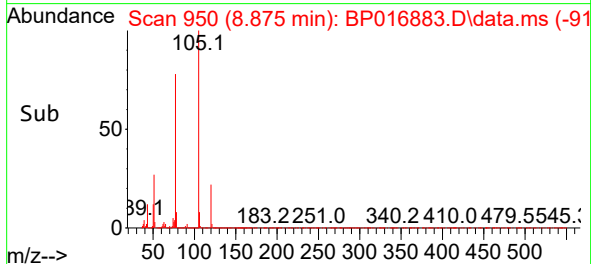
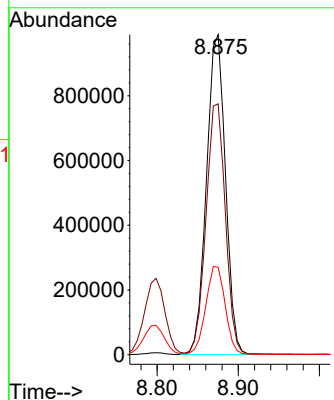
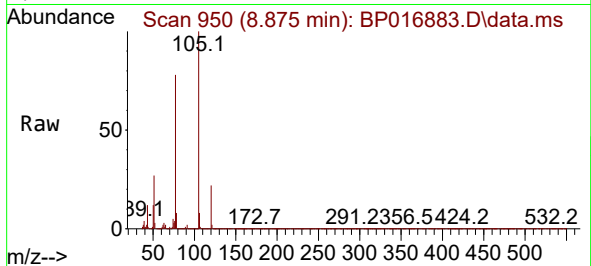




#16
Acetophenone
Concen: 33.218 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016883.D
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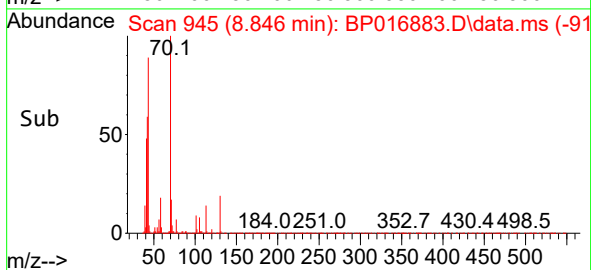
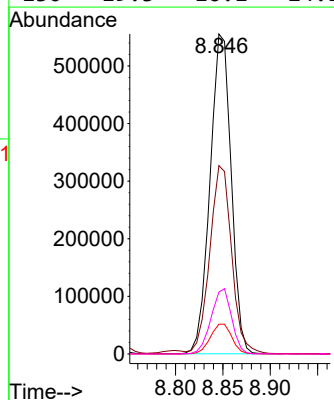
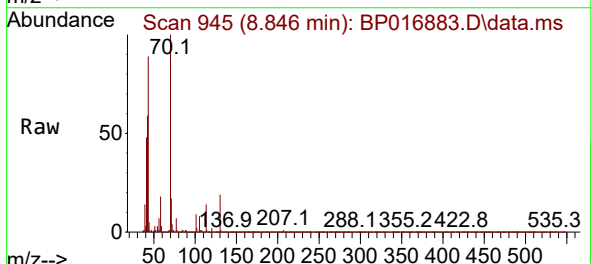
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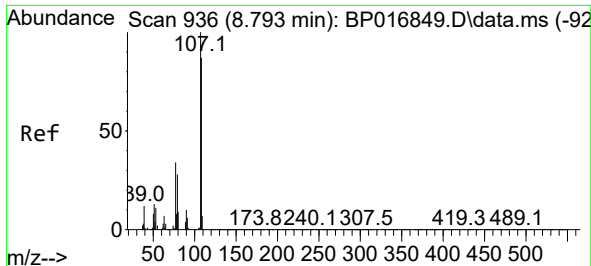
Tgt Ion:105 Resp: 1605368
Ion Ratio Lower Upper
105 100
77 78.4 64.2 96.4
51 27.3 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 33.789 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion: 70 Resp: 860556
Ion Ratio Lower Upper
70 100
42 58.8 46.0 69.0
101 9.3 7.6 11.4
130 19.3 16.1 24.1

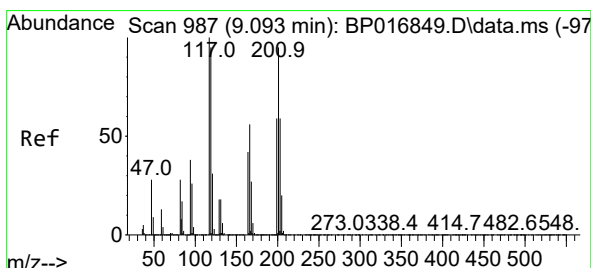
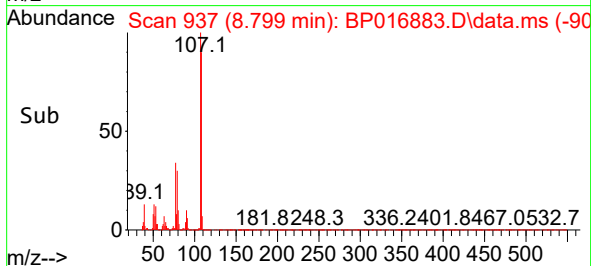
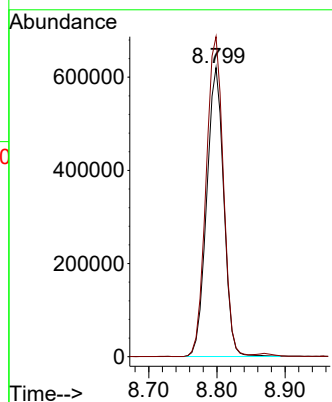
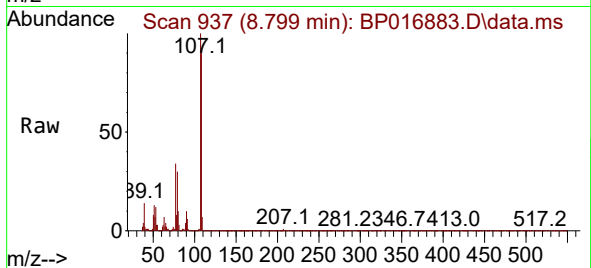




#18
4-Methylphenol
Concen: 33.168 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

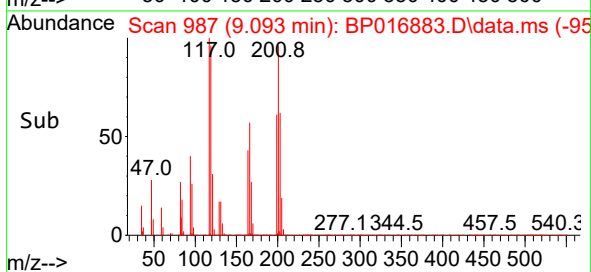
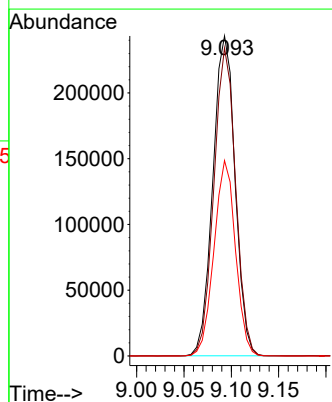
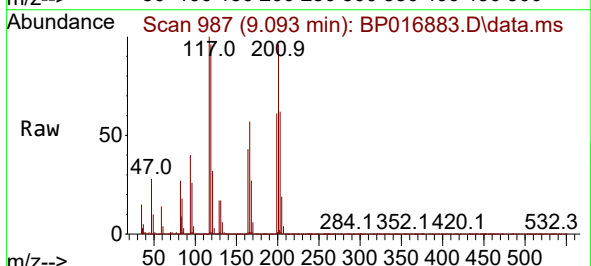
Instrument :
BNA_P
ClientSampleId :

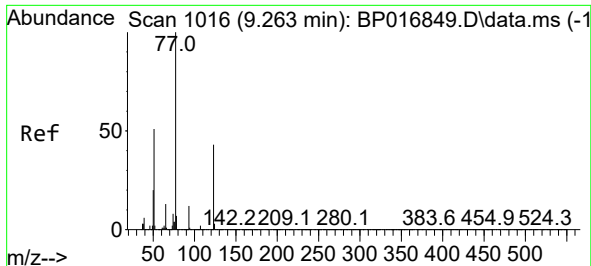
Tgt Ion:108 Resp: 1082520
Ion Ratio Lower Upper
108 100
107 110.7 89.8 134.6



#19
Hexachloroethane
Concen: 32.483 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:117 Resp: 396563
Ion Ratio Lower Upper
117 100
201 96.2 75.4 113.2
199 61.0 47.8 71.6

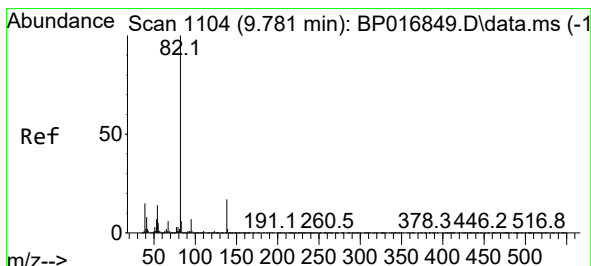
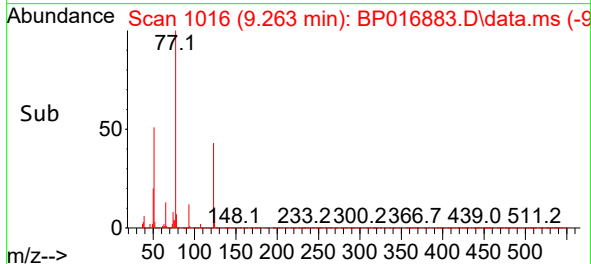
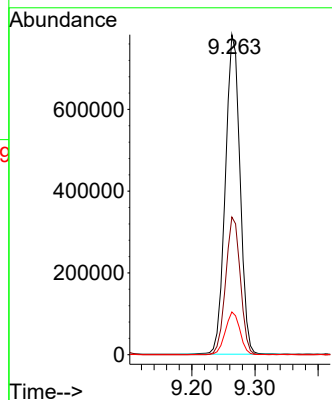
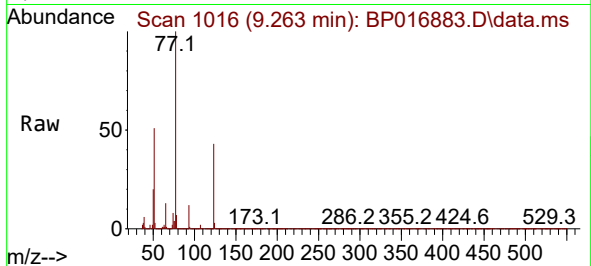




#22
Nitrobenzene
Concen: 34.573 ng/ul
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

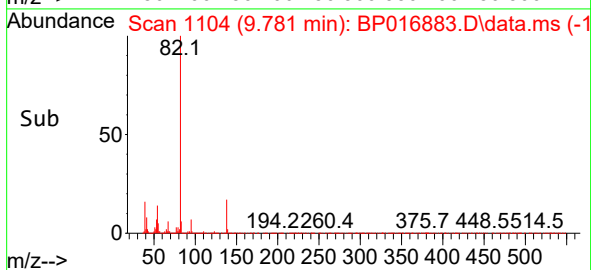
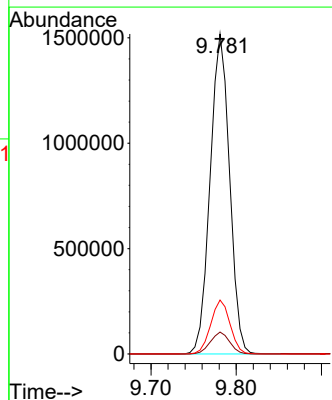
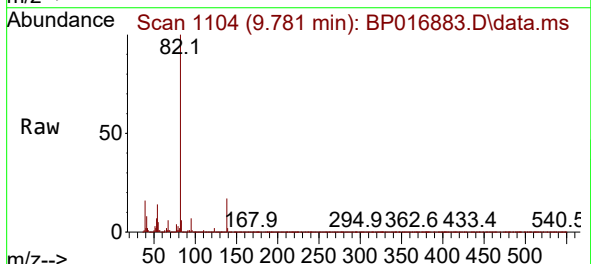
Instrument :
BNA_P
ClientSampleId :

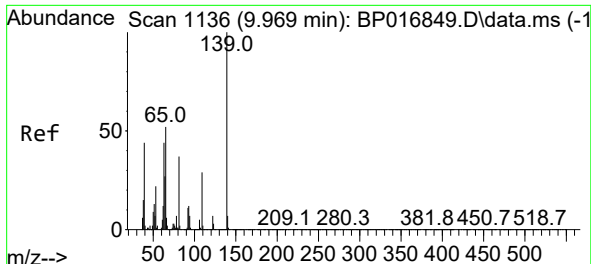
Tgt Ion: 77 Resp: 1266833
Ion Ratio Lower Upper
77 100
123 43.0 34.9 52.3
65 13.3 10.6 15.8



#23
Isophorone
Concen: 33.788 ng/ul
RT: 9.781 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion: 82 Resp: 2404565
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 16.9 13.5 20.3

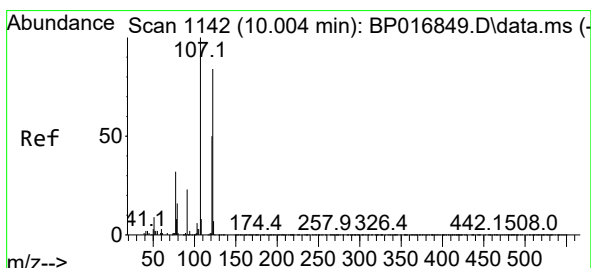
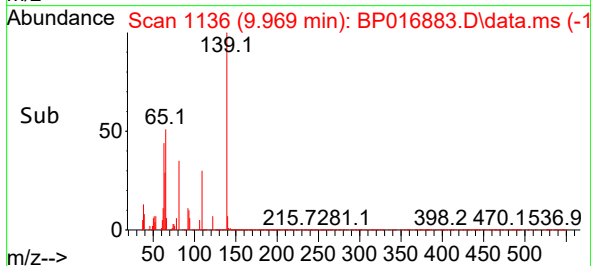
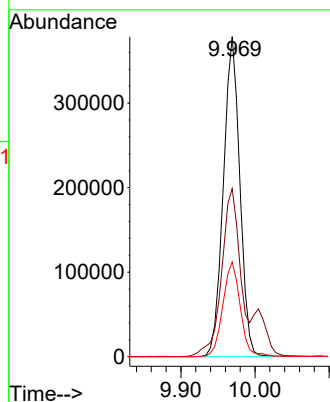
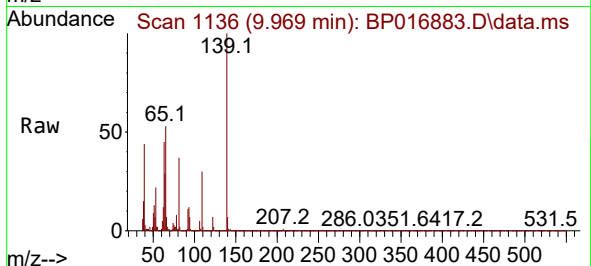




#25
2-Nitrophenol
Concen: 35.103 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

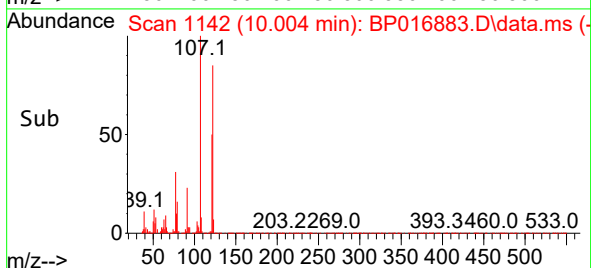
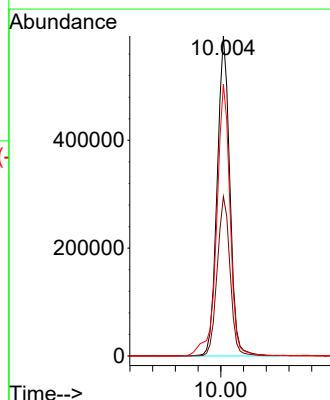
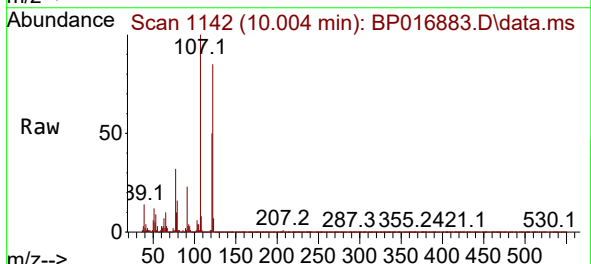
Instrument :
BNA_P
ClientSampleId :

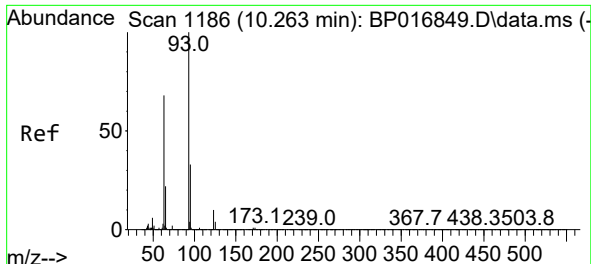
Tgt Ion:139 Resp: 584362
Ion Ratio Lower Upper
139 100
65 52.5 42.0 63.0
109 29.6 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 27.454 ng/ul
RT: 10.004 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:107 Resp: 918557
Ion Ratio Lower Upper
107 100
121 49.8 40.7 61.1
122 84.9 69.7 104.5

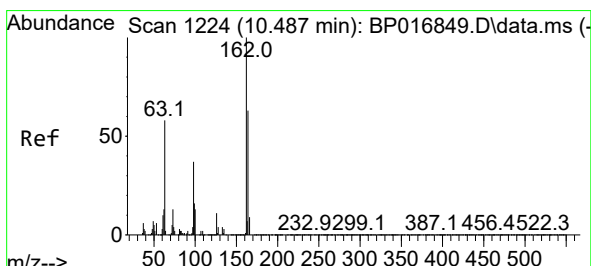
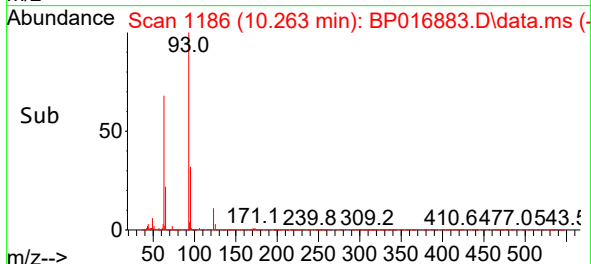
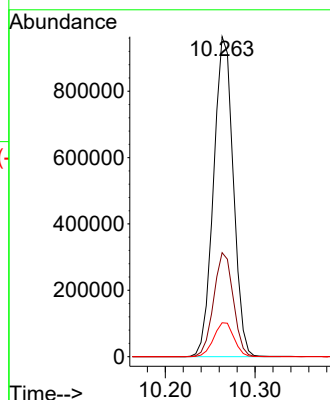
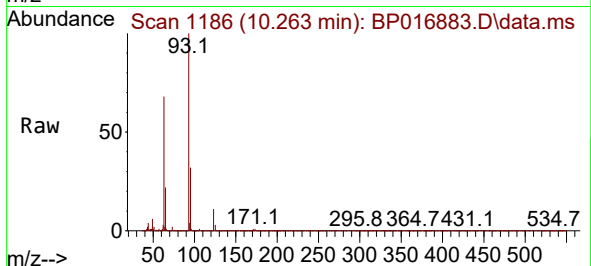




#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.537 ng/ul
 RT: 10.263 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP016883.D
 Acq: 30 Aug 2023 21:55

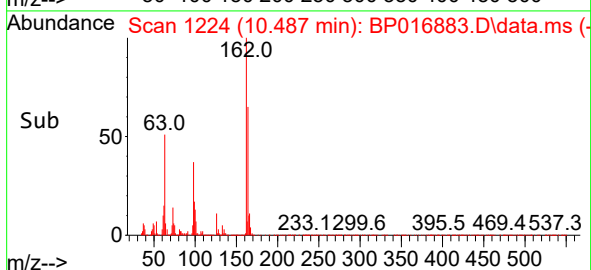
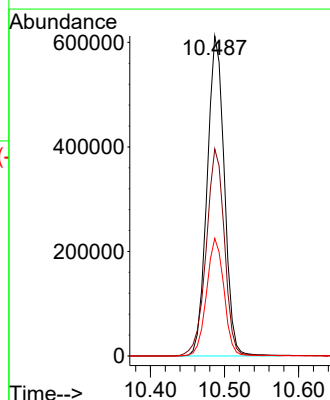
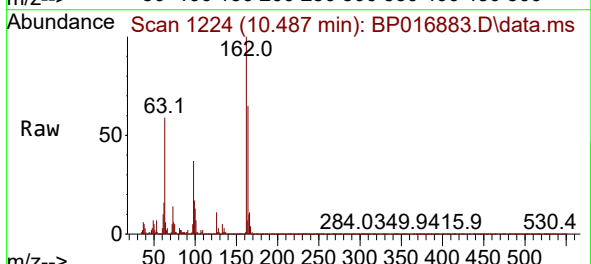
Instrument :
 BNA_P
 ClientSampleId :

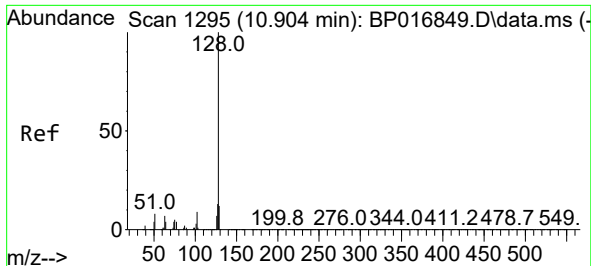
Tgt Ion: 93 Resp: 1472486
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.6 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 35.129 ng/ul
 RT: 10.487 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BP016883.D
 Acq: 30 Aug 2023 21:55

Tgt Ion: 162 Resp: 990421
 Ion Ratio Lower Upper
 162 100
 164 64.7 52.2 78.2
 98 36.7 29.3 43.9

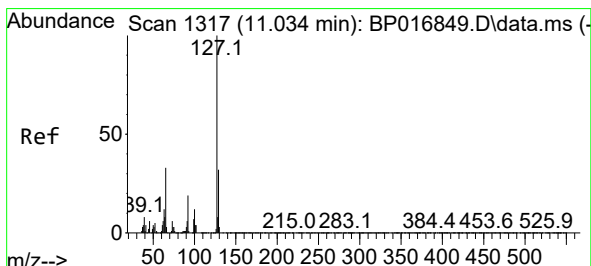
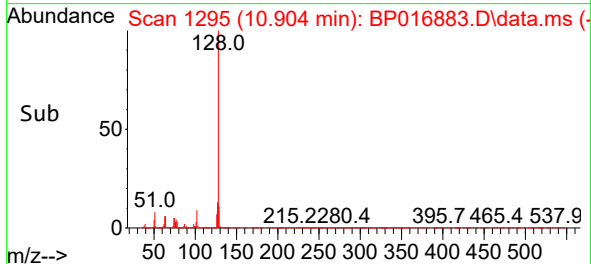
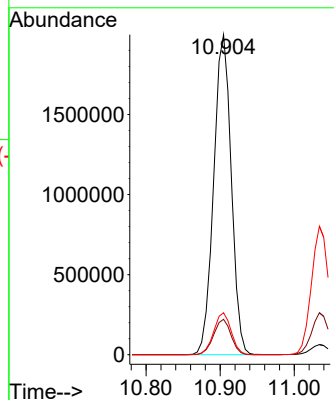
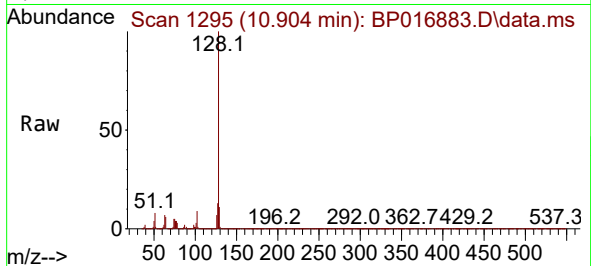




#30
Naphthalene
Concen: 33.592 ng/ul
RT: 10.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

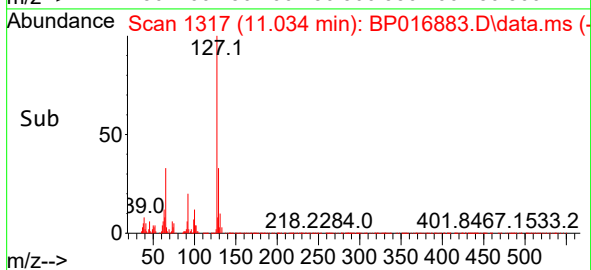
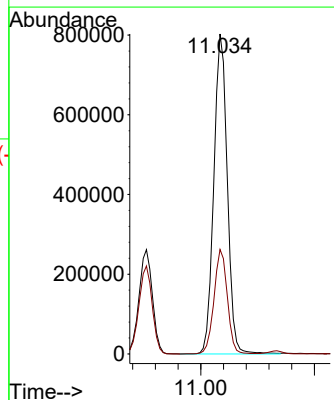
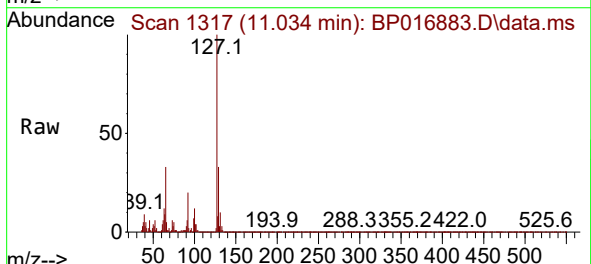
Instrument :
BNA_P
ClientSampleId :

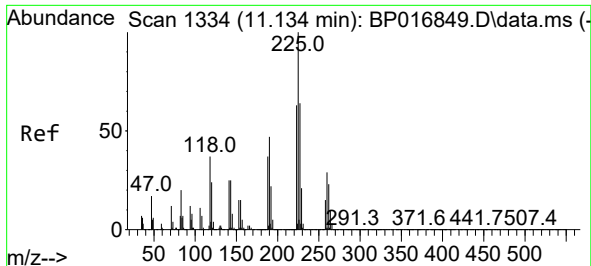
Tgt Ion:128 Resp: 3287134
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 31.099 ng/ul
RT: 11.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:127 Resp: 1315459
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9

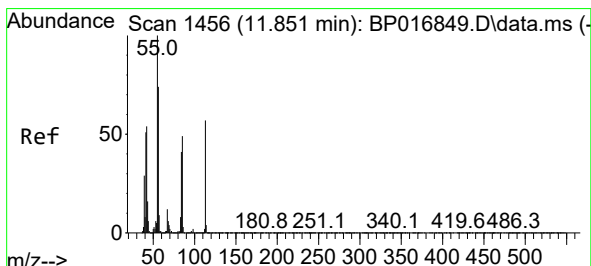
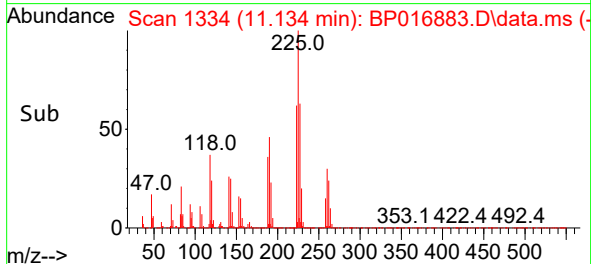
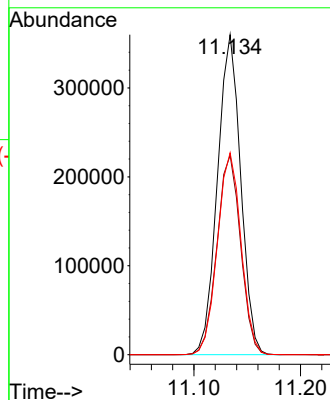
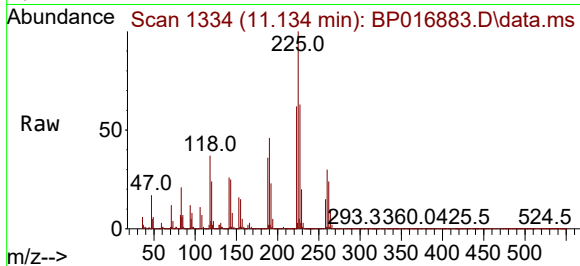




#33
Hexachlorobutadiene
Concen: 31.370 ng/ul
RT: 11.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

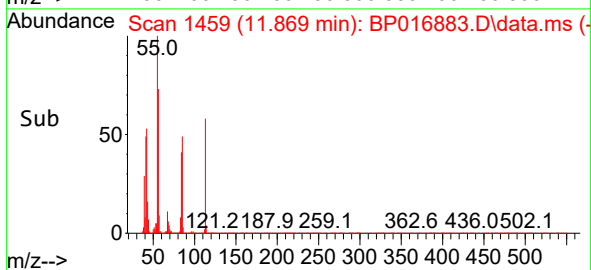
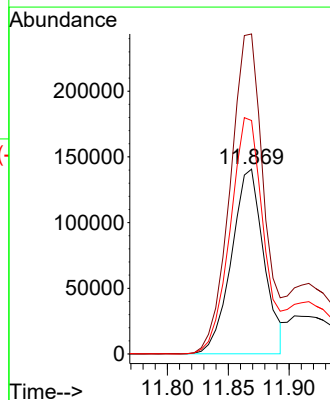
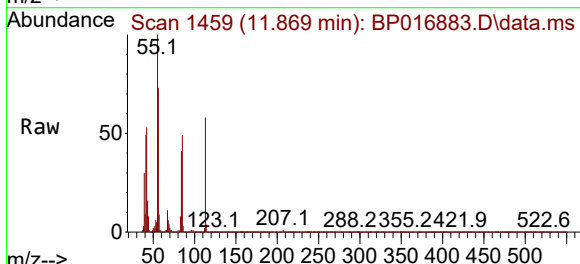
Instrument :
BNA_P
ClientSampleId :

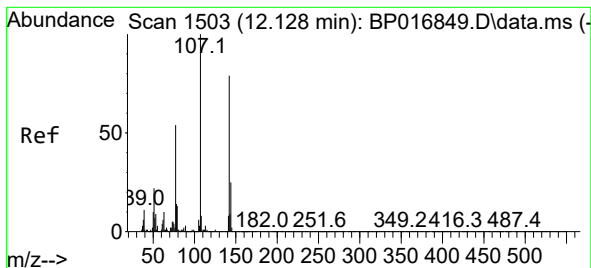
Tgt Ion:225 Resp: 544803
Ion Ratio Lower Upper
225 100
223 62.3 51.0 76.4
227 63.1 52.5 78.7



#34
Caprolactam
Concen: 25.015 ng/ul
RT: 11.869 min Scan# 1459
Delta R.T. 0.018 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:113 Resp: 260092
Ion Ratio Lower Upper
113 100
55 173.2 140.6 210.8
56 126.3 104.5 156.7

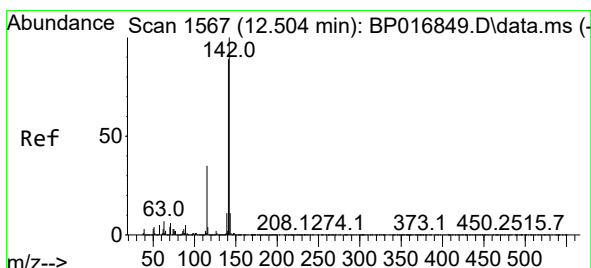
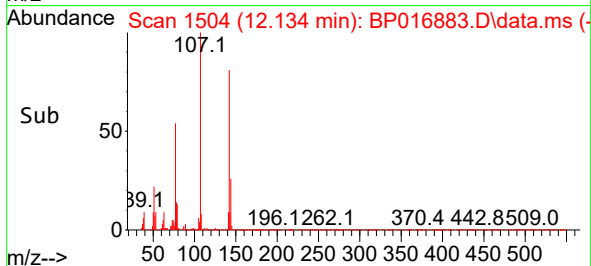
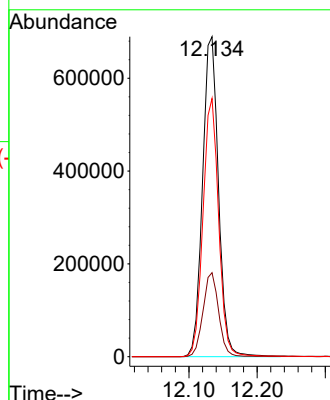
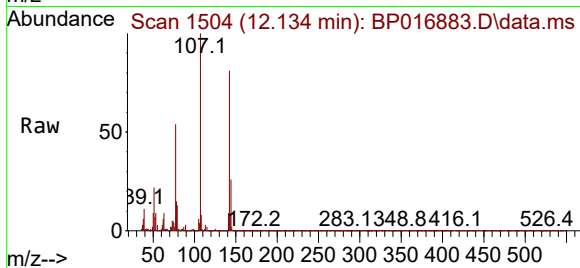




#35
4-Chloro-3-methylphenol
Concen: 35.443 ng/ul
RT: 12.134 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

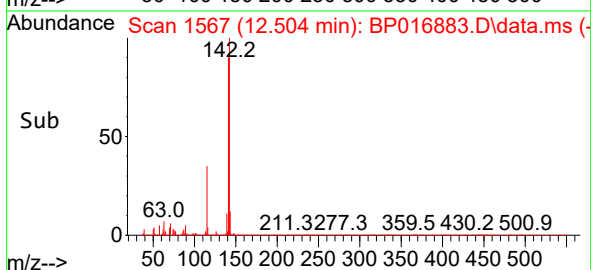
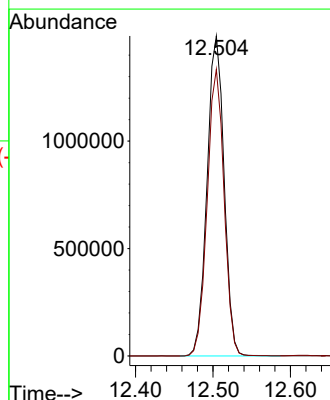
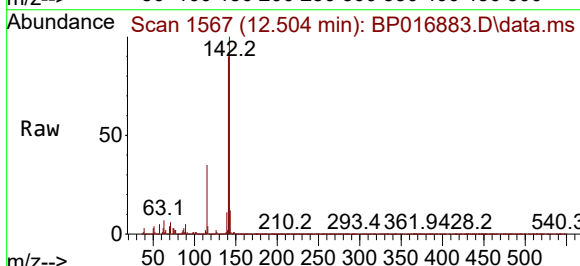
Instrument :
BNA_P
ClientSampleId :

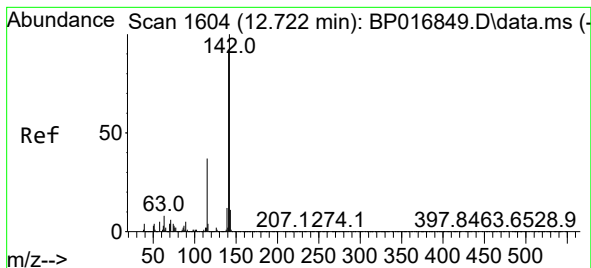
Tgt Ion:107 Resp: 1120564
Ion Ratio Lower Upper
107 100
144 26.3 20.6 31.0
142 80.7 63.7 95.5



#36
2-Methylnaphthalene
Concen: 33.635 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:142 Resp: 2271870
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0





#37

1-Methylnaphthalene

Concen: 32.222 ng/ul

RT: 12.722 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

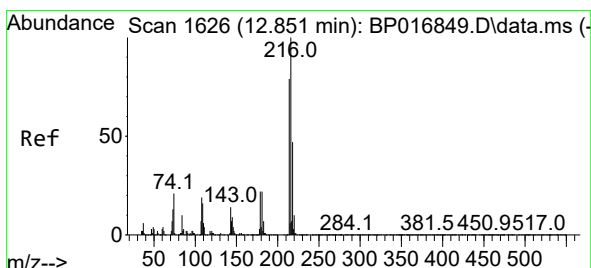
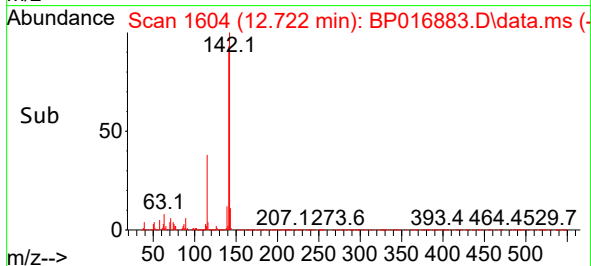
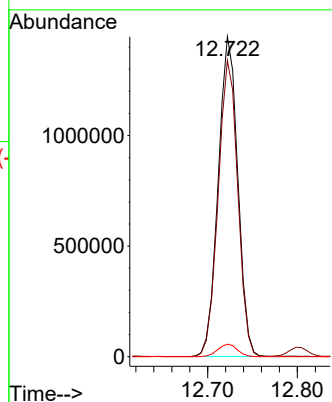
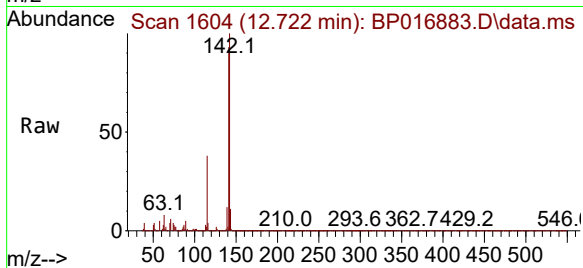
Tgt Ion:142 Resp: 2194713

Ion Ratio Lower Upper

142 100

141 92.5 73.0 109.4

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.182 ng/ul

RT: 12.851 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Tgt Ion:216 Resp: 1106772

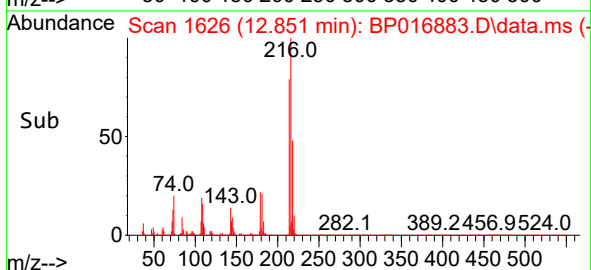
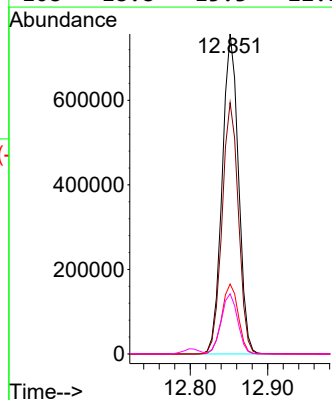
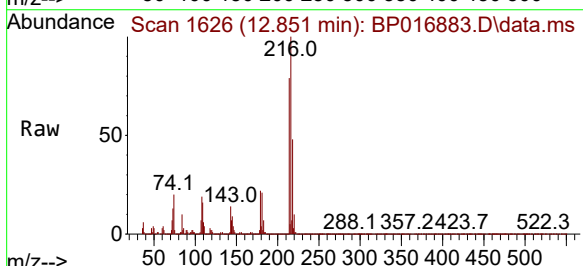
Ion Ratio Lower Upper

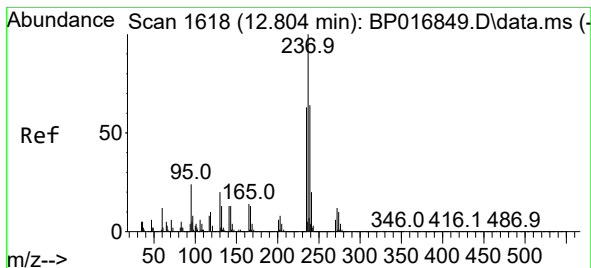
216 100

214 78.5 63.4 95.2

179 21.9 17.4 26.2

108 18.8 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 18.106 ng/ul

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

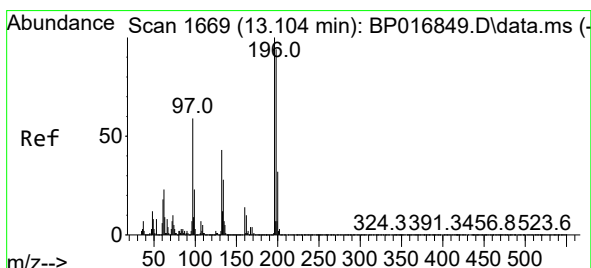
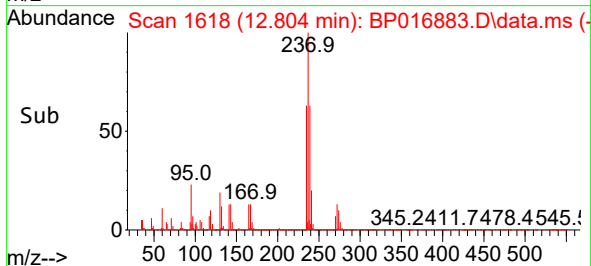
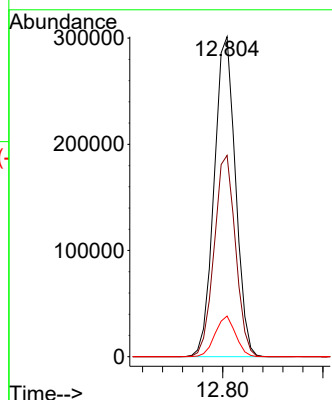
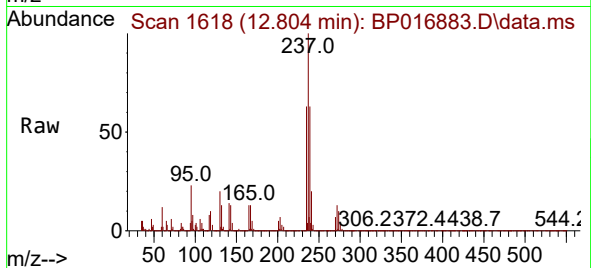
Tgt Ion:237 Resp: 444118

Ion Ratio Lower Upper

237 100

235 62.9 51.3 76.9

272 12.7 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 35.378 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

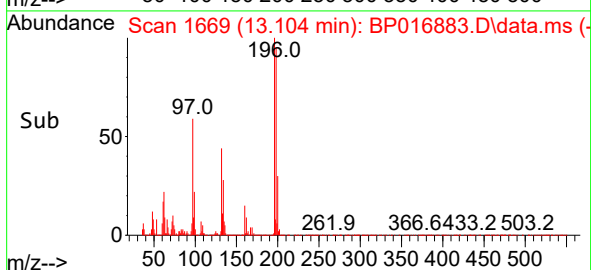
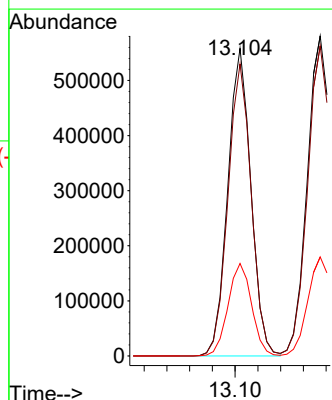
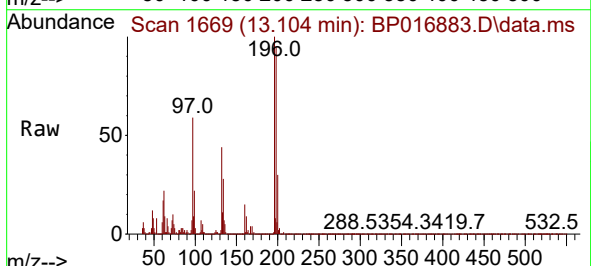
Tgt Ion:196 Resp: 788006

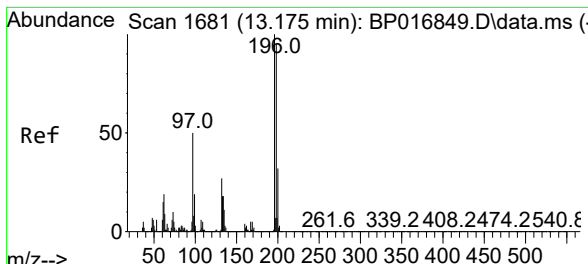
Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

200 30.0 25.2 37.8

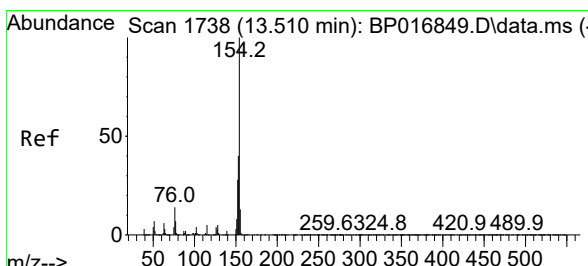
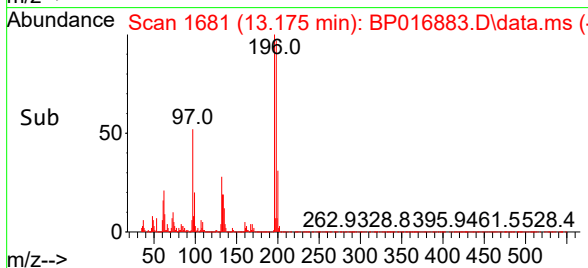
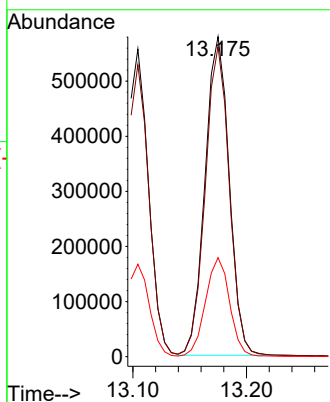
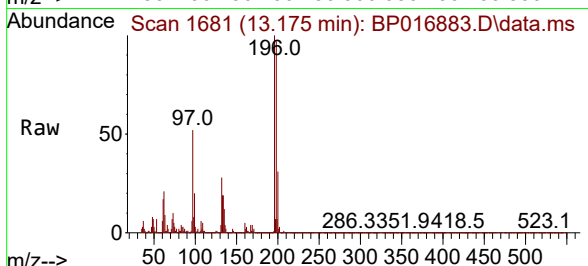




#42
 2,4,5-Trichlorophenol
 Concen: 35.568 ng/ul
 RT: 13.175 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BP016883.D
 Acq: 30 Aug 2023 21:55

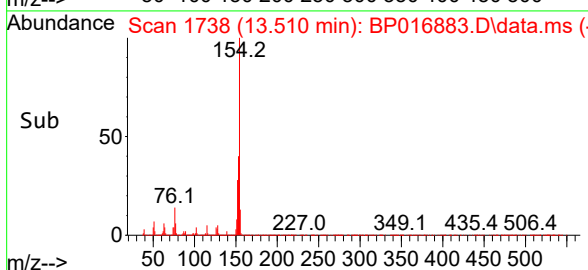
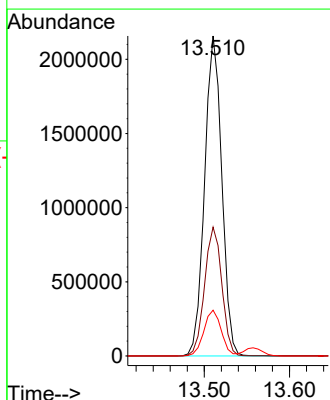
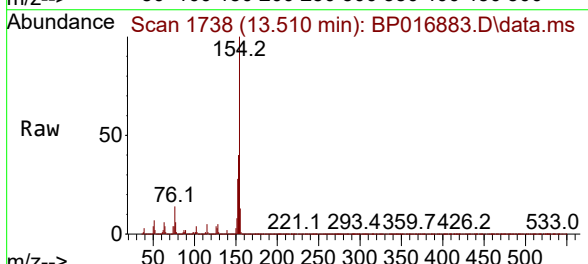
Instrument :
 BNA_P
 ClientSampleId :

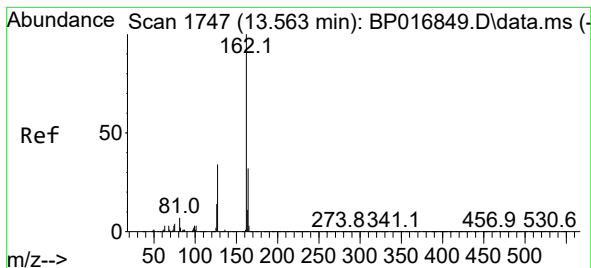
Tgt Ion:	196	Resp:	857277
Ion Ratio	Lower	Upper	
196	100		
198	96.9	77.8	116.8
200	31.0	24.8	37.2



#43
 1,1'-Biphenyl
 Concen: 34.789 ng/ul
 RT: 13.510 min Scan# 1738
 Delta R.T. 0.000 min
 Lab File: BP016883.D
 Acq: 30 Aug 2023 21:55

Tgt Ion:	154	Resp:	3026994
Ion Ratio	Lower	Upper	
154	100		
153	40.2	32.7	49.1
76	14.3	11.3	16.9





#44

2-Chloronaphthalene

Concen: 34.885 ng/ul

RT: 13.557 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

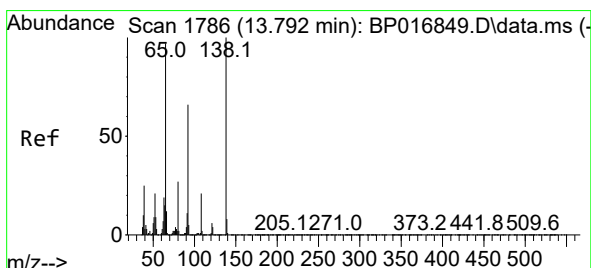
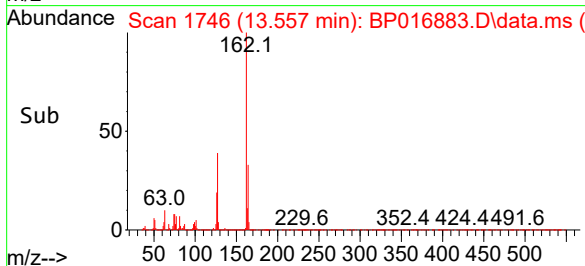
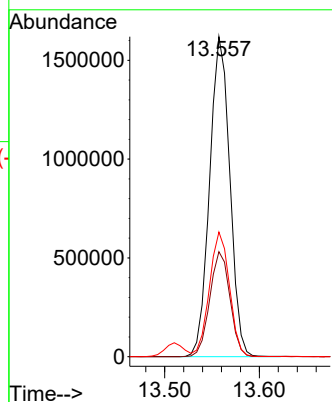
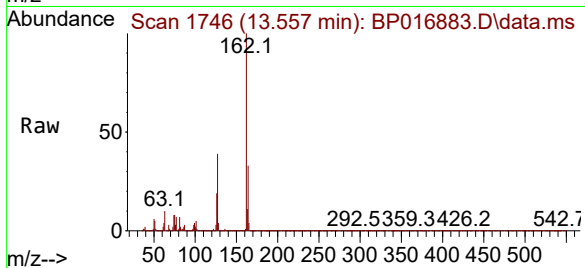
Tgt Ion:162 Resp: 2396170

Ion Ratio Lower Upper

162 100

164 32.8 26.1 39.1

127 39.0 30.8 46.2



#45

2-Nitroaniline

Concen: 36.864 ng/ul

RT: 13.793 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

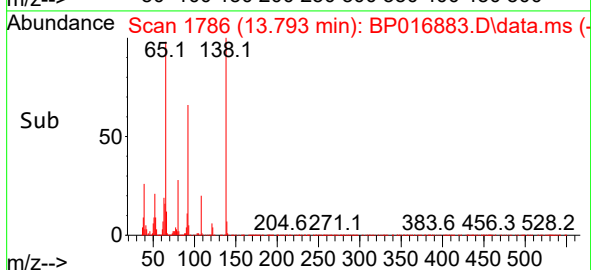
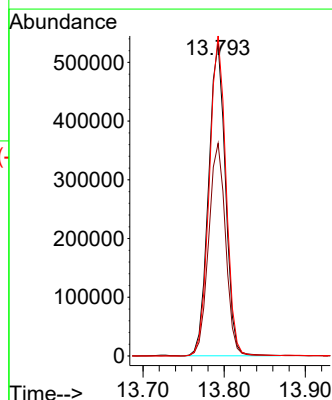
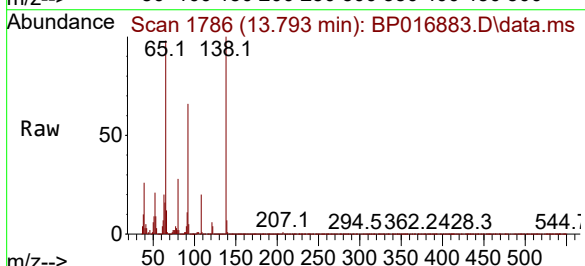
Tgt Ion: 65 Resp: 767921

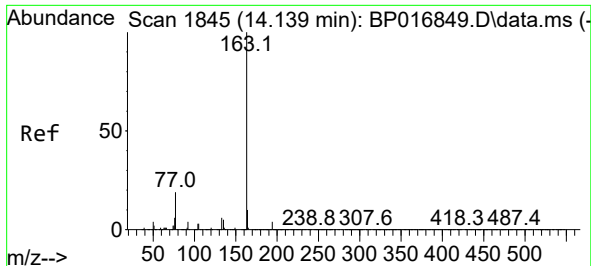
Ion Ratio Lower Upper

65 100

92 68.0 53.8 80.8

138 102.4 80.7 121.1

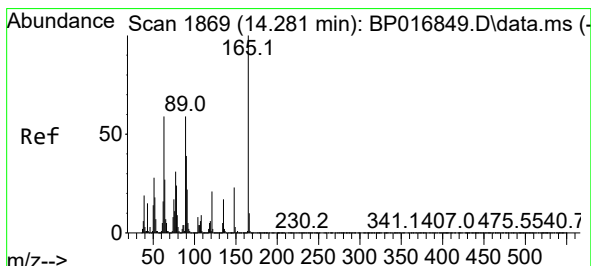
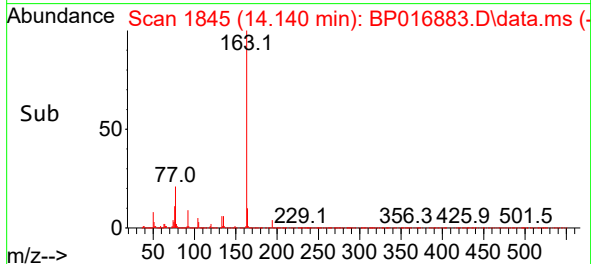
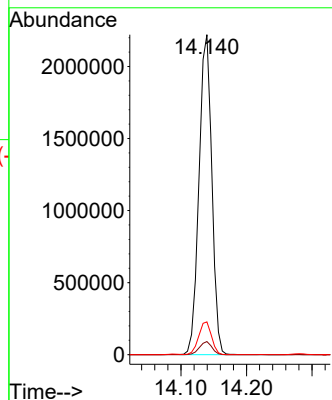
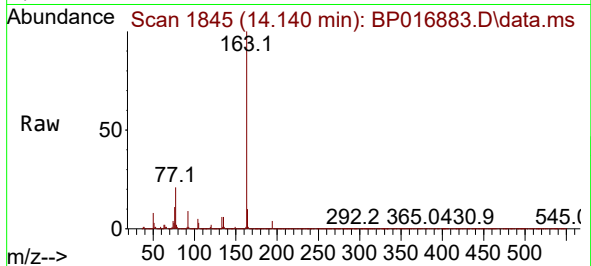




#47
Dimethylphthalate
Concen: 33.823 ng/ul
RT: 14.140 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

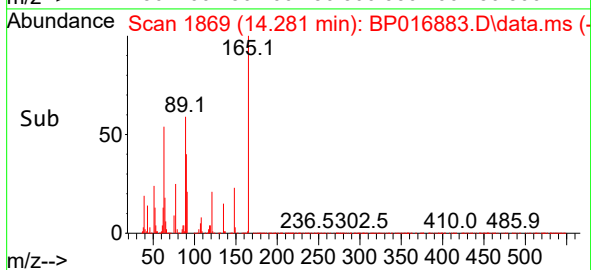
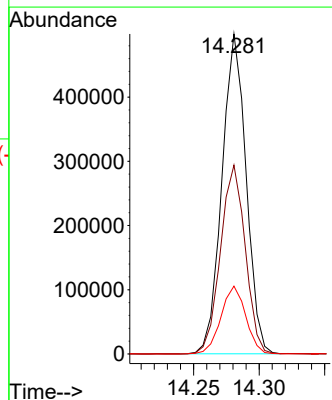
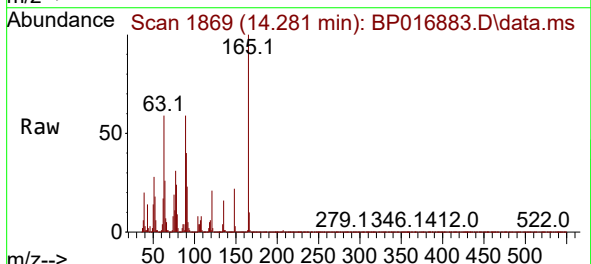
Instrument :
BNA_P
ClientSampleId :

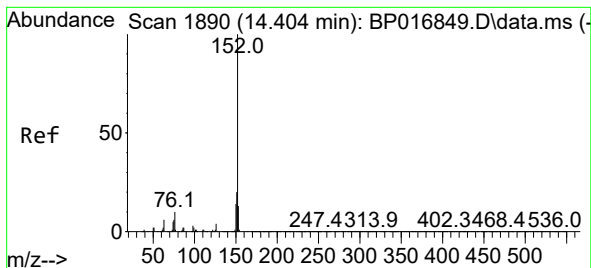
Tgt Ion:163 Resp: 3023090
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 36.433 ng/ul
RT: 14.281 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:165 Resp: 638093
Ion Ratio Lower Upper
165 100
89 59.0 48.0 72.0
121 21.2 16.9 25.3





#50

Acenaphthylene

Concen: 32.932 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

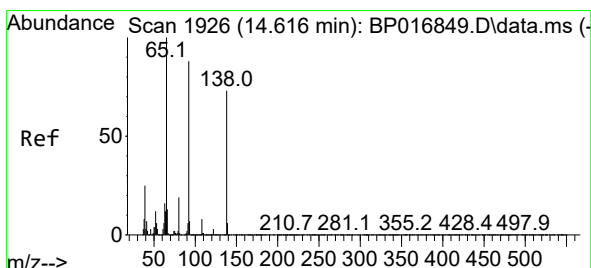
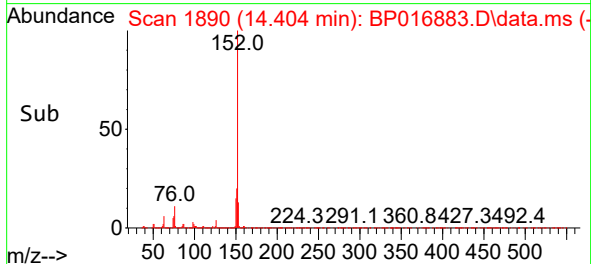
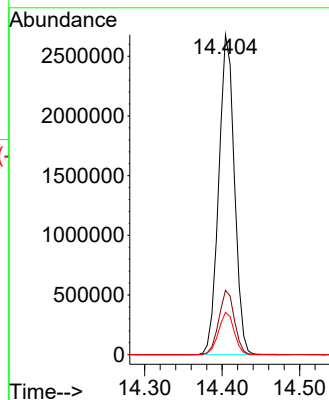
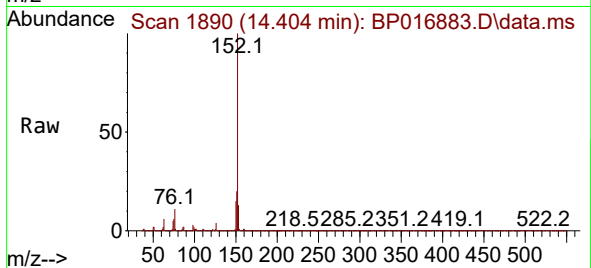
Tgt Ion:152 Resp: 3760635

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.2 10.6 15.8



#51

3-Nitroaniline

Concen: 35.737 ng/ul

RT: 14.622 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

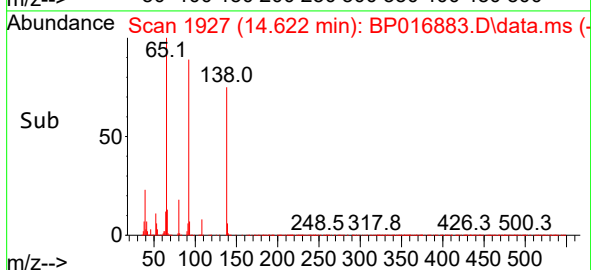
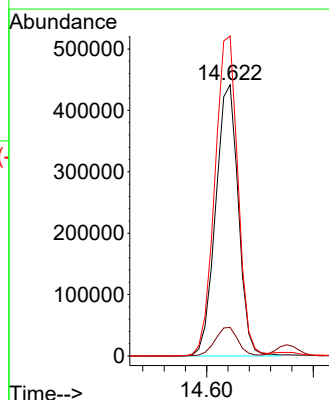
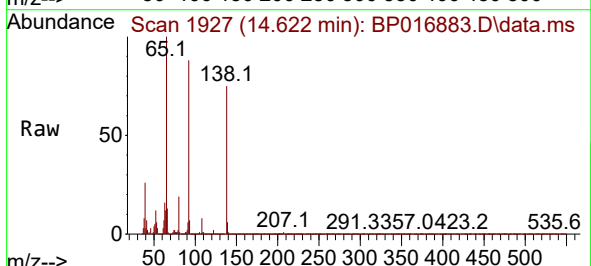
Tgt Ion:138 Resp: 651742

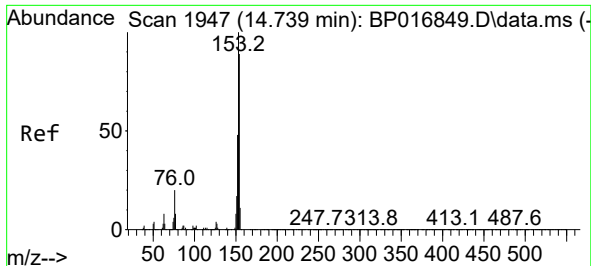
Ion Ratio Lower Upper

138 100

108 10.5 8.2 12.4

92 118.0 95.4 143.0

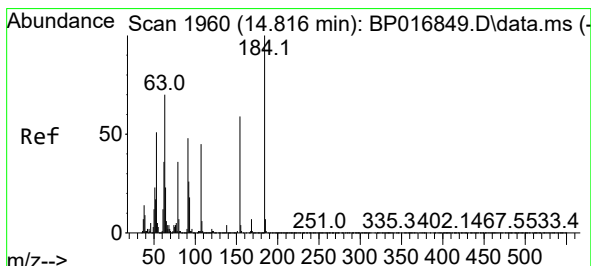
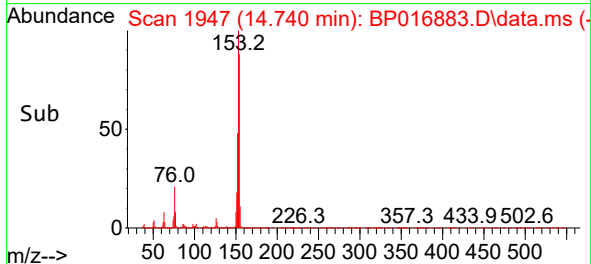
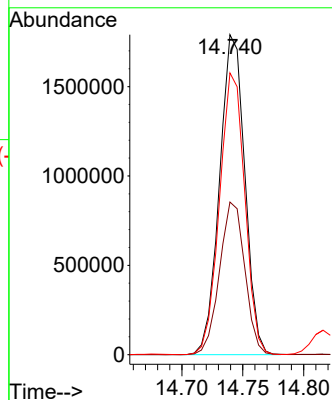
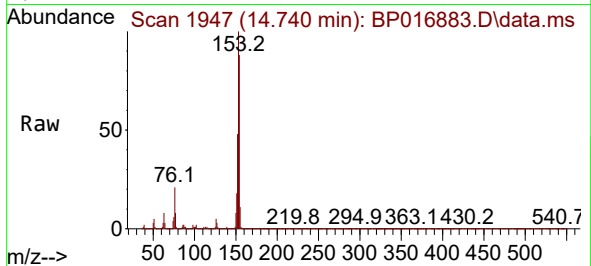




#52
Acenaphthene
Concen: 34.214 ng/ul
RT: 14.740 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

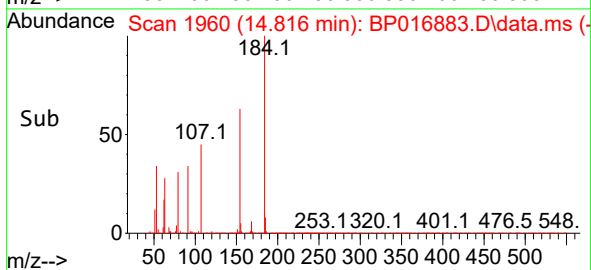
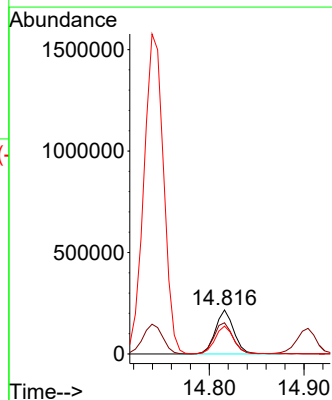
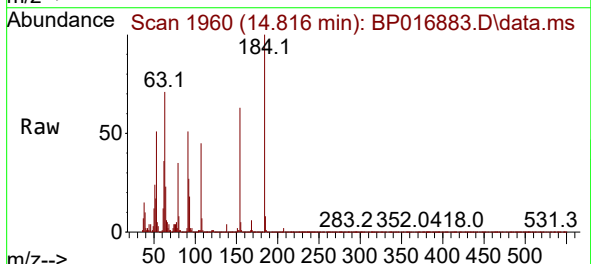
Instrument :
BNA_P
ClientSampleId :

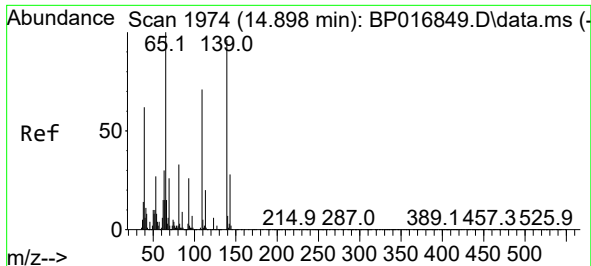
Tgt Ion:153 Resp: 2584713
Ion Ratio Lower Upper
153 100
152 47.7 38.5 57.7
154 88.1 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 22.993 ng/ul
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:184 Resp: 292616
Ion Ratio Lower Upper
184 100
63 71.0 55.3 82.9
154 63.3 50.3 75.5

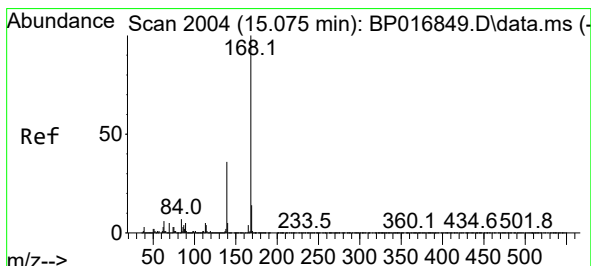
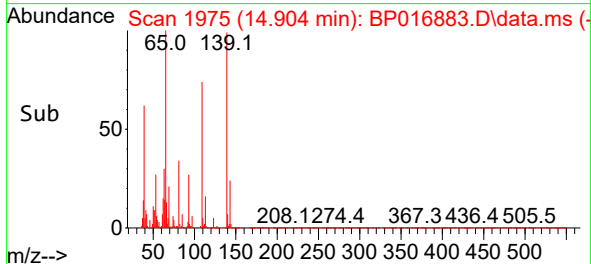
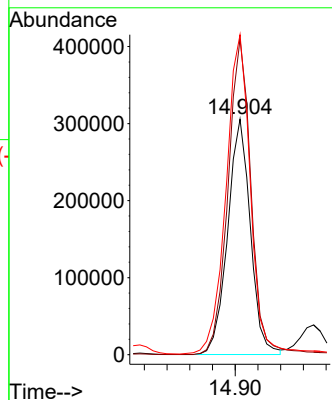
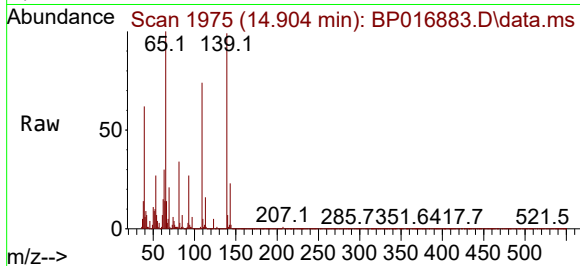




#55
4-Nitrophenol
Concen: 30.819 ng/ul
RT: 14.904 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

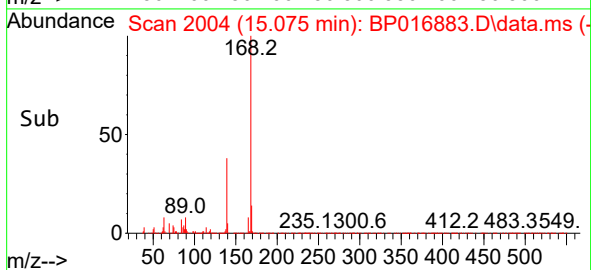
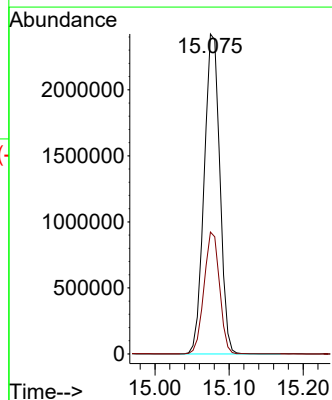
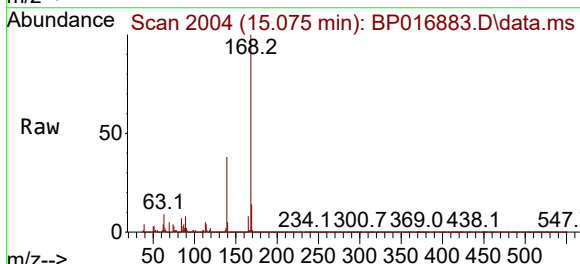
Instrument :
BNA_P
ClientSampleId :

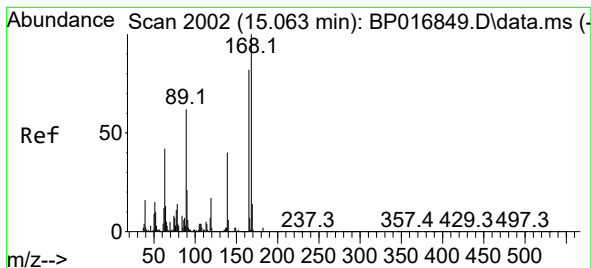
Tgt Ion:109 Resp: 424566
Ion Ratio Lower Upper
109 100
139 134.0 108.6 163.0
65 135.9 107.8 161.6



#56
Dibenzofuran
Concen: 34.351 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:168 Resp: 3560774
Ion Ratio Lower Upper
168 100
139 38.1 29.2 43.8

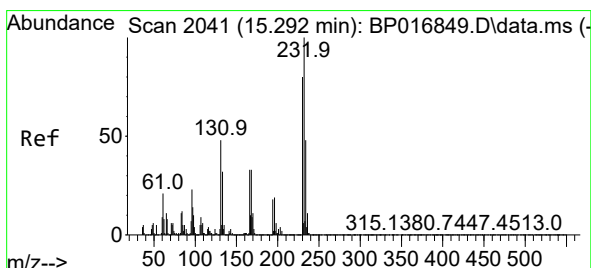
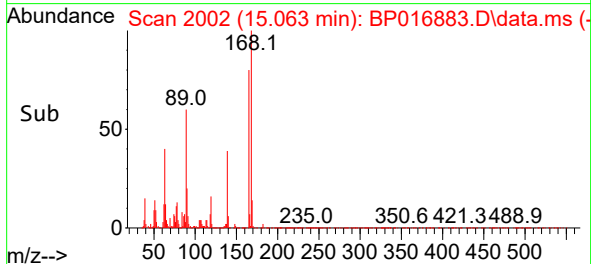
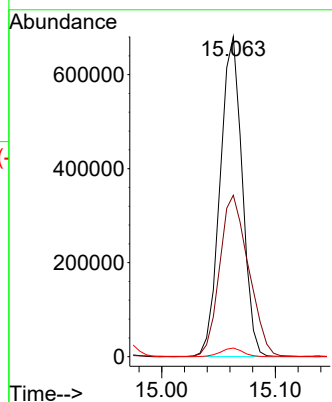
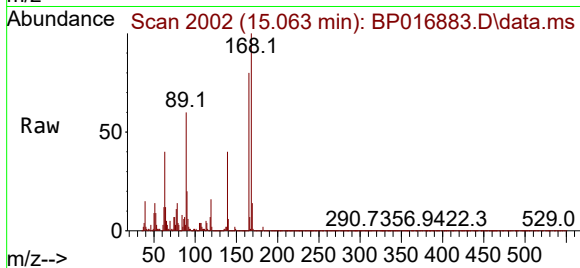




#57
2,4-Dinitrotoluene
Concen: 35.647 ng/ul
RT: 15.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

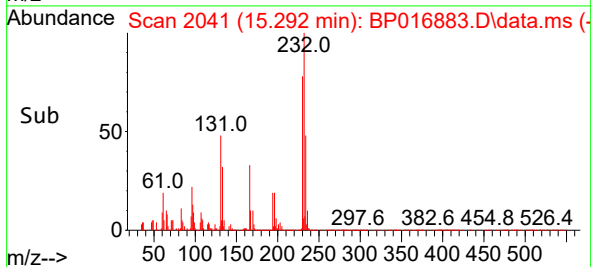
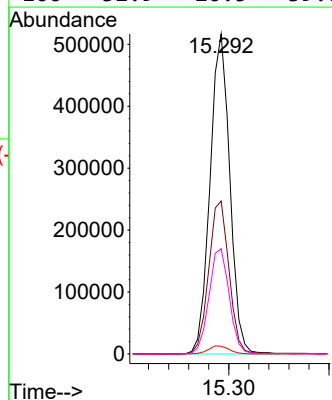
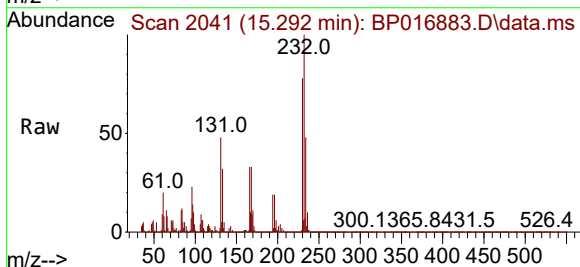
Instrument :
BNA_P
ClientSampleId :

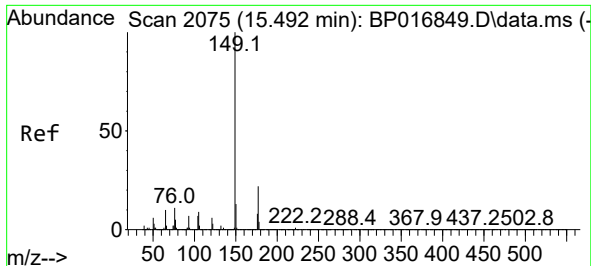
Tgt Ion:165 Resp: 918949
Ion Ratio Lower Upper
165 100
63 50.4 39.0 58.4
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.508 ng/ul
RT: 15.292 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:232 Resp: 708070
Ion Ratio Lower Upper
232 100
131 47.8 38.1 57.1
130 2.4 1.9 2.9
166 32.9 26.5 39.7

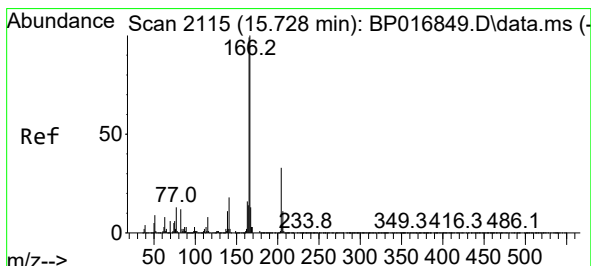
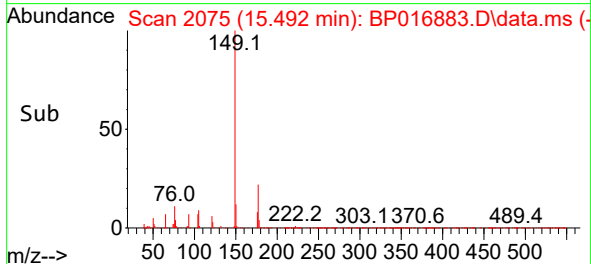
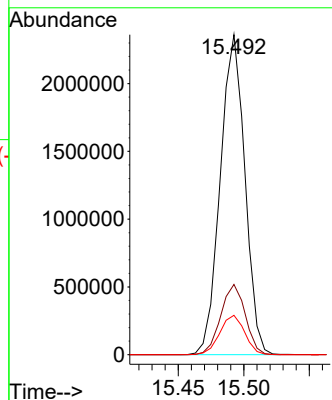
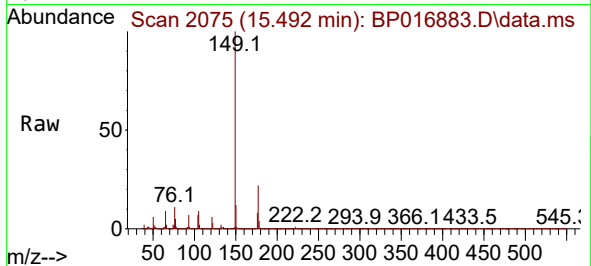




#59
Diethylphthalate
Concen: 33.922 ng/ul
RT: 15.492 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

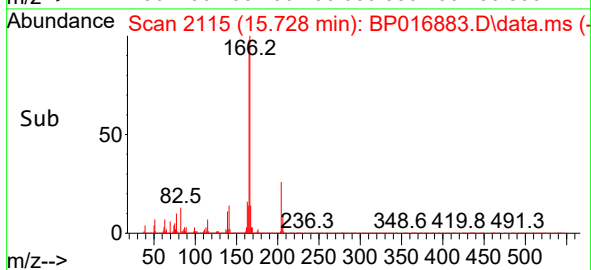
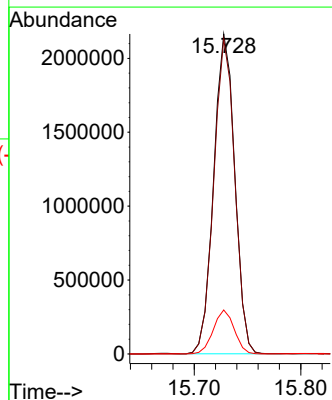
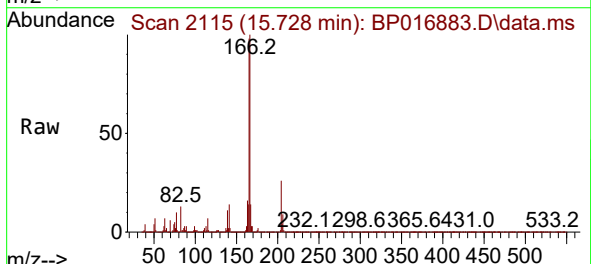
Instrument :
BNA_P
ClientSampleId :

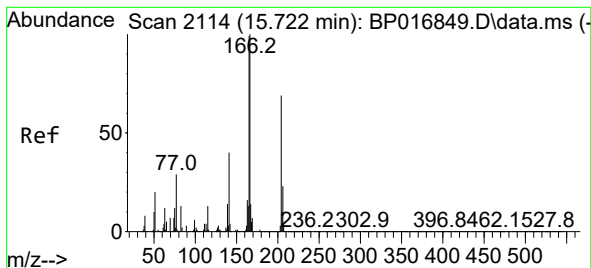
Tgt Ion:149 Resp: 3080186
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.3 10.2 15.2



#61
Fluorene
Concen: 34.318 ng/ul
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:166 Resp: 2975484
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.7 10.9 16.3

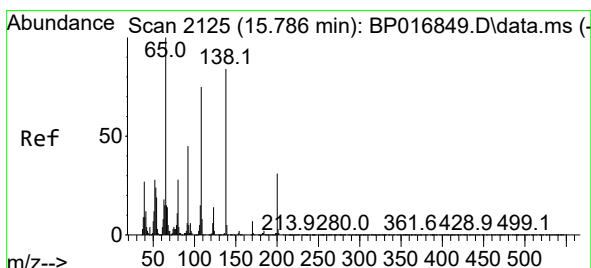
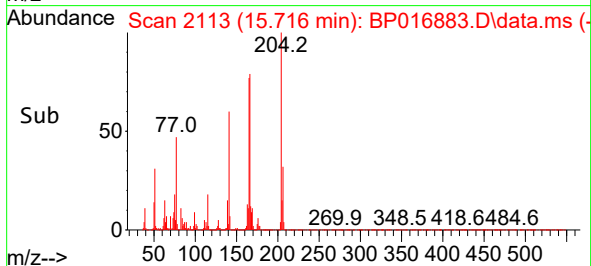
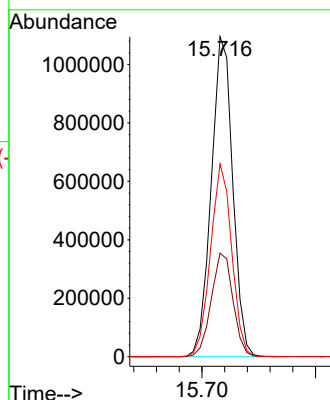
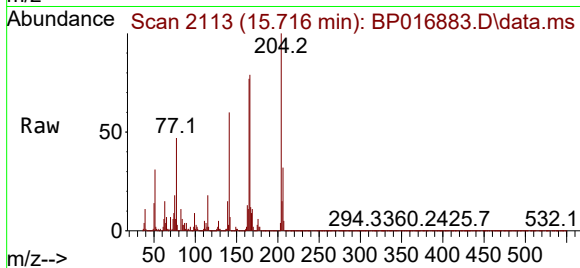




#62
4-Chlorophenyl-phenylether
Concen: 33.766 ng/ul
RT: 15.716 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

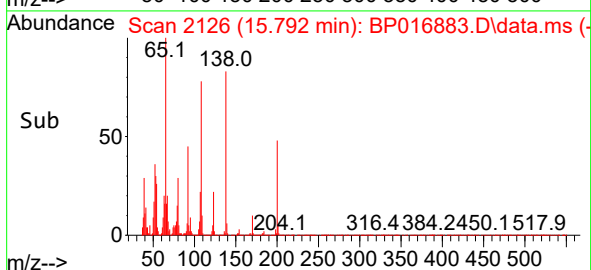
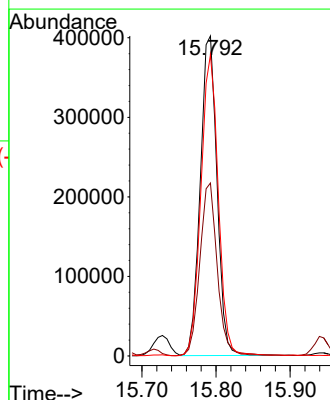
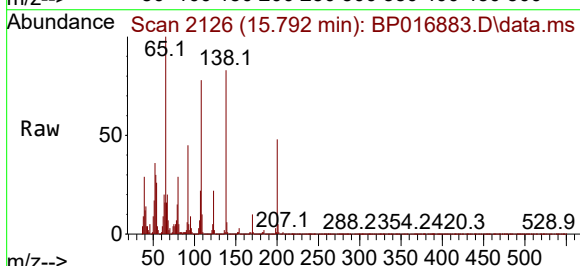
Instrument :
BNA_P
ClientSampleId :

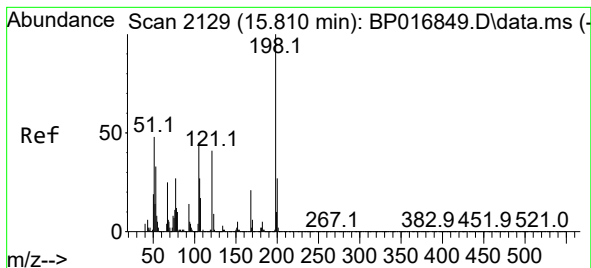
Tgt Ion:204 Resp: 1437377
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 60.2 46.8 70.2



#63
4-Nitroaniline
Concen: 36.317 ng/ul
RT: 15.792 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:138 Resp: 630237
Ion Ratio Lower Upper
138 100
92 54.0 41.6 62.4
108 94.1 74.9 112.3

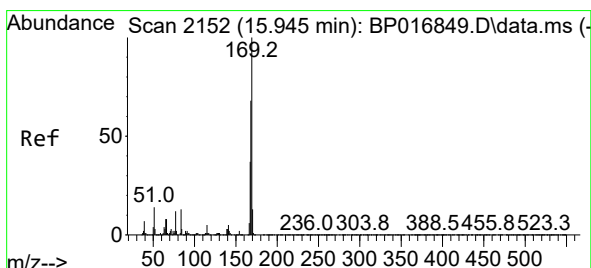
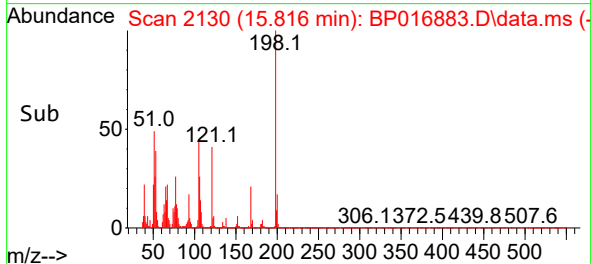
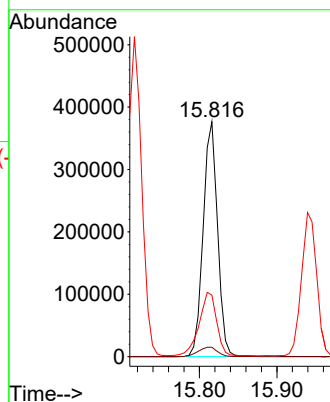
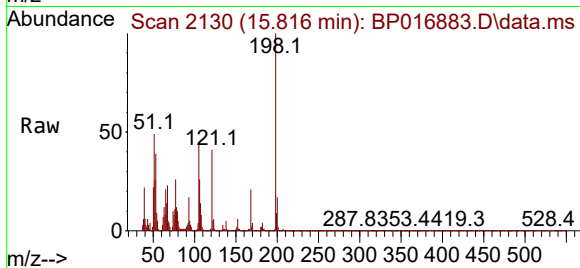




#66
4,6-Dinitro-2-methylphenol
Concen: 29.722 ng/ul
RT: 15.816 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

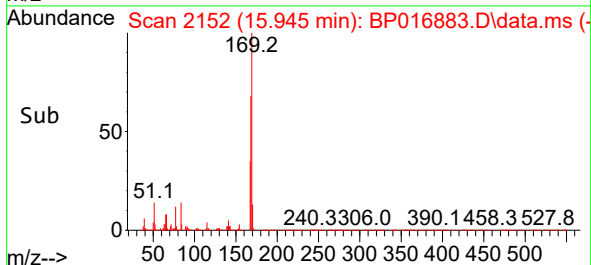
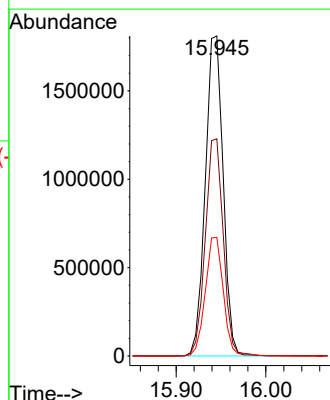
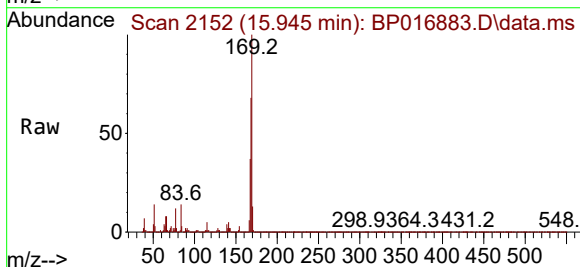
Instrument :
BNA_P
ClientSampleId :

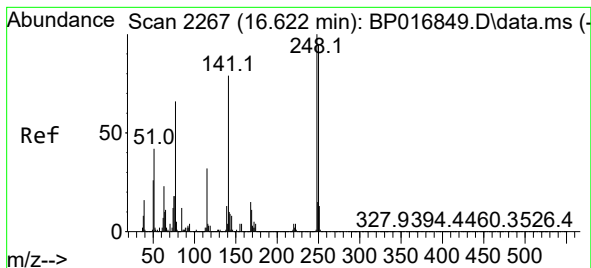
Tgt Ion:198 Resp: 485215
Ion Ratio Lower Upper
198 100
182 4.0 3.2 4.8
77 26.2 20.7 31.1



#67
N-Nitrosodiphenylamine
Concen: 35.490 ng/ul
RT: 15.945 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:169 Resp: 2495816
Ion Ratio Lower Upper
169 100
168 67.9 54.2 81.2
167 37.1 29.4 44.2

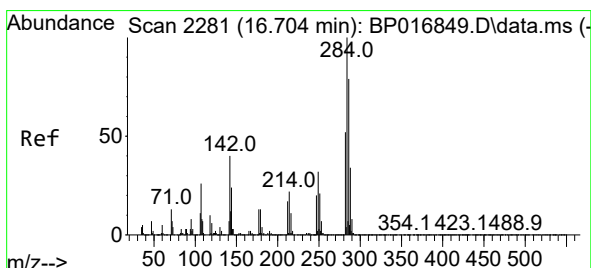
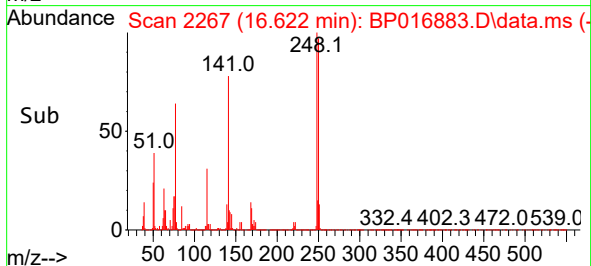
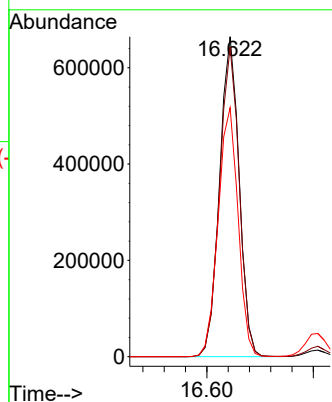
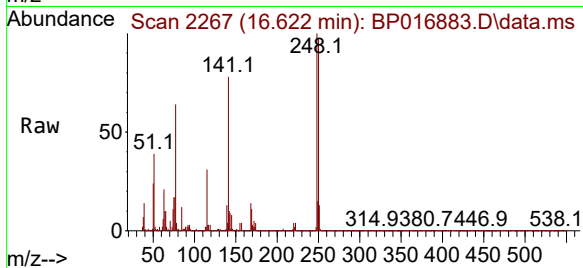




#68
4-Bromophenyl-phenylether
Concen: 34.714 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

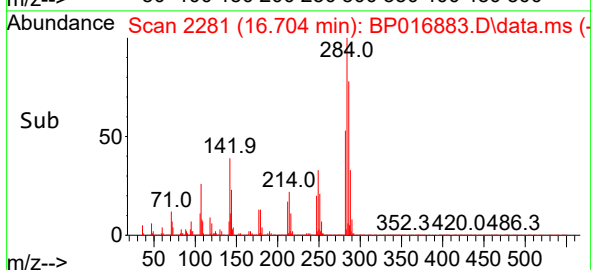
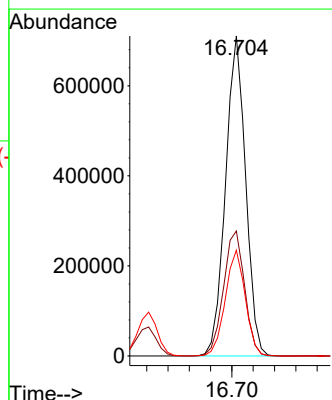
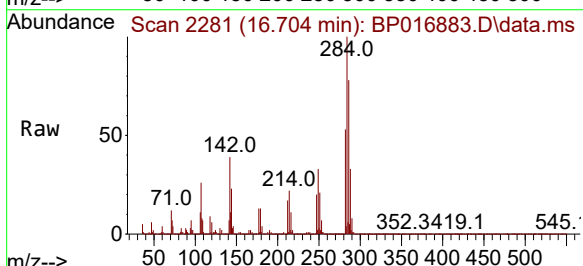
Instrument :
BNA_P
ClientSampleId :

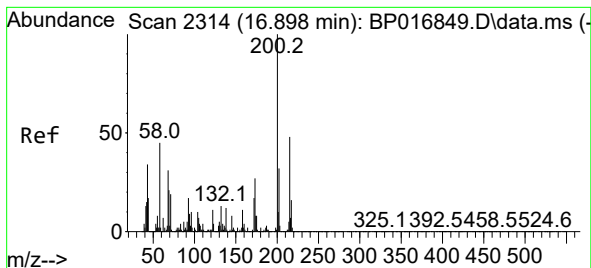
Tgt Ion:248 Resp: 846256
Ion Ratio Lower Upper
248 100
250 96.7 75.4 113.2
141 77.8 58.7 88.1



#69
Hexachlorobenzene
Concen: 34.110 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP016883.D
Acq: 30 Aug 2023 21:55

Tgt Ion:284 Resp: 931029
Ion Ratio Lower Upper
284 100
142 39.1 29.8 44.8
249 33.0 25.9 38.9





#70

Atrazine

Concen: 31.733 ng/ul

RT: 16.898 min Scan# 2314

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

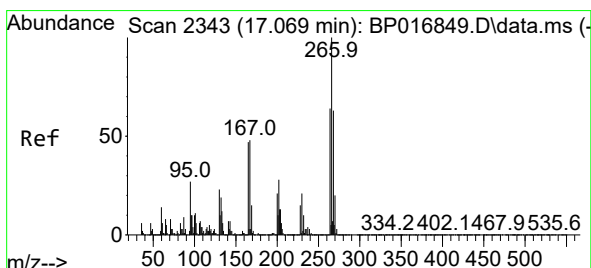
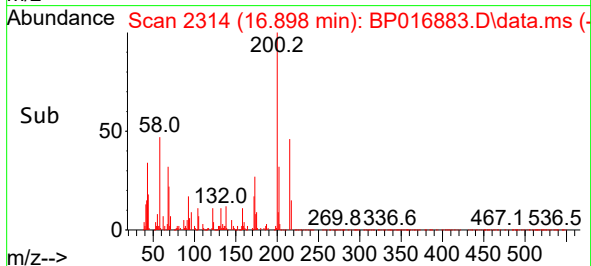
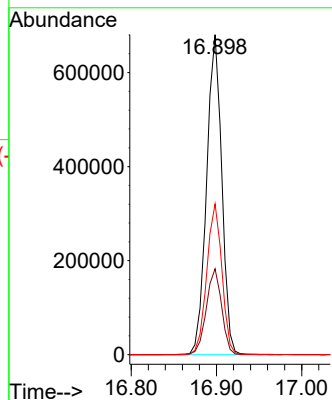
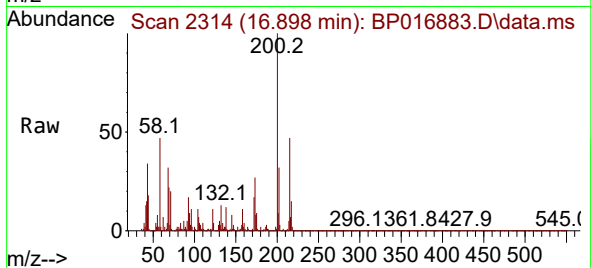
Tgt Ion:200 Resp: 841347

Ion Ratio Lower Upper

200 100

173 26.8 21.4 32.2

215 47.2 37.3 55.9



#71

Pentachlorophenol

Concen: 28.421 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

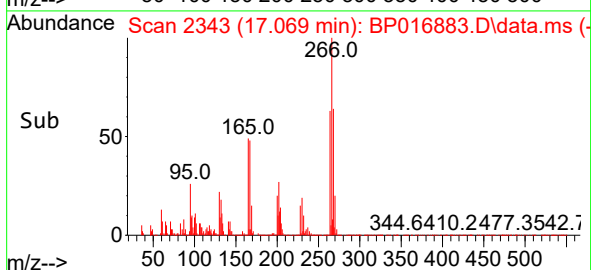
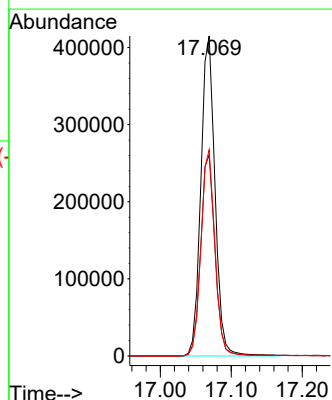
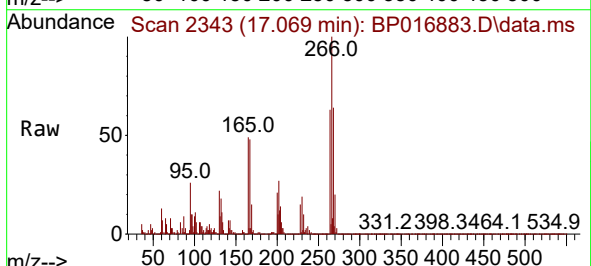
Tgt Ion:266 Resp: 575850

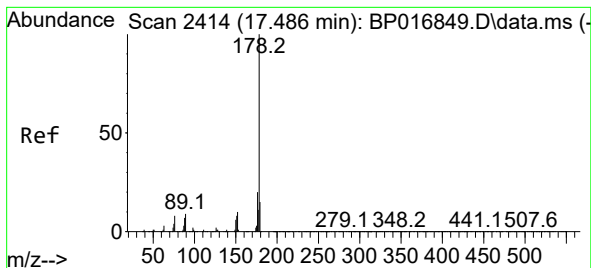
Ion Ratio Lower Upper

266 100

264 62.8 50.7 76.1

268 64.5 50.8 76.2





#72

Phenanthrene

Concen: 35.263 ng/ul

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

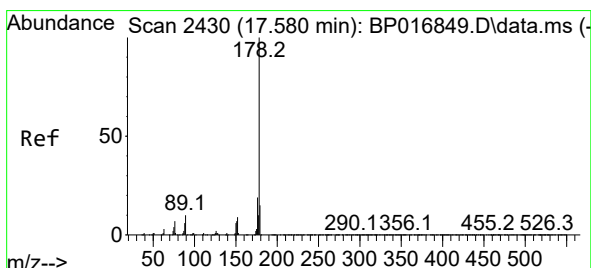
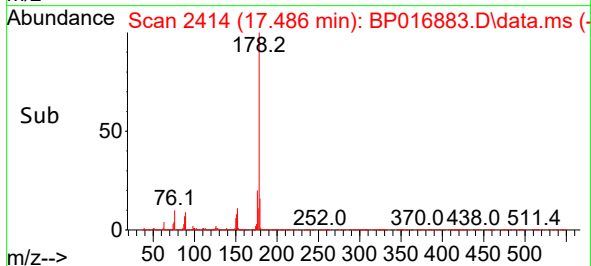
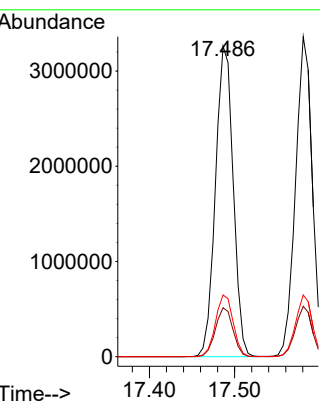
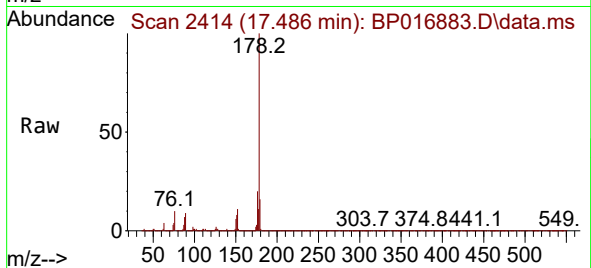
Tgt Ion:178 Resp: 4720315

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.9 15.6 23.4



#74

Anthracene

Concen: 33.942 ng/ul

RT: 17.581 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

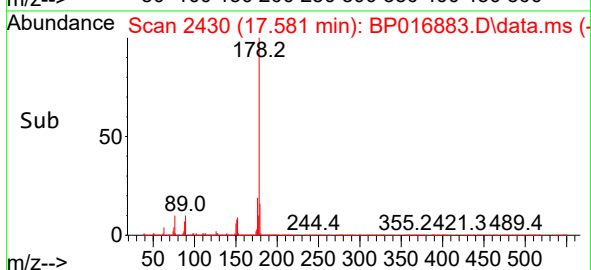
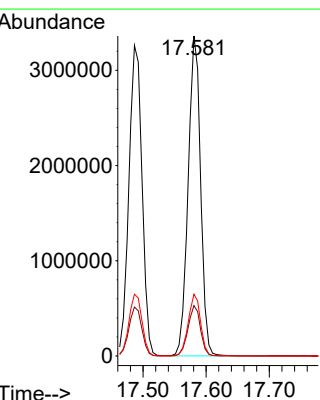
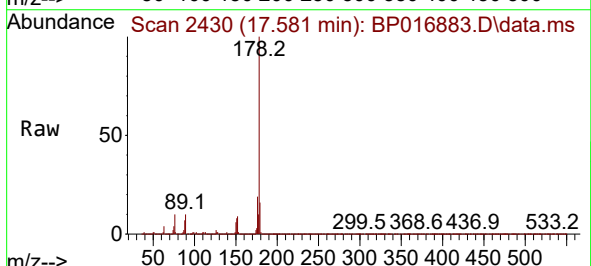
Tgt Ion:178 Resp: 4593978

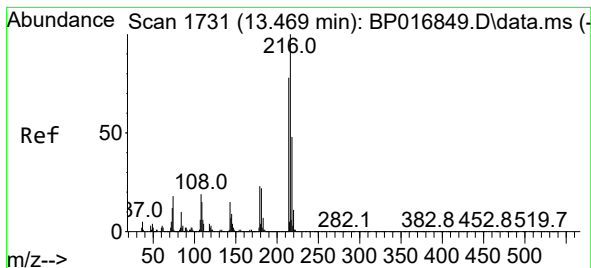
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.3 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.241 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

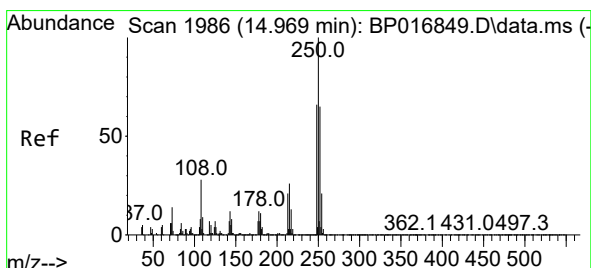
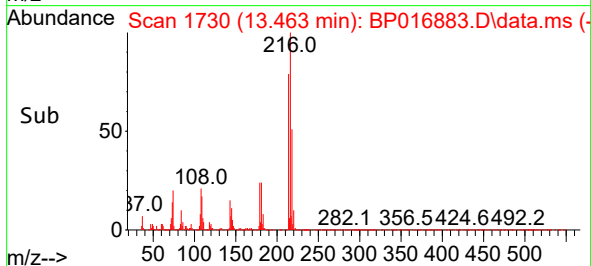
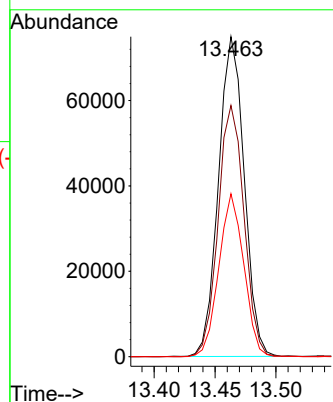
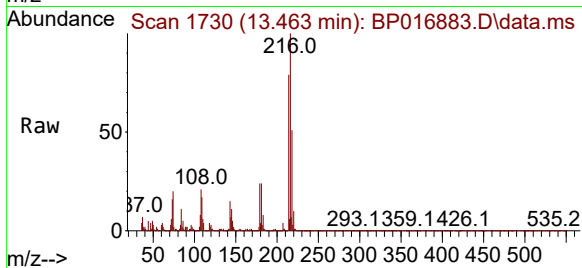
Tgt Ion:216 Resp: 110355

Ion Ratio Lower Upper

216 100

214 78.5 64.0 96.0

218 50.9 38.2 57.2



#76

Pentachlorobenzene

Concen: 36.541 ng/uL

RT: 14.969 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

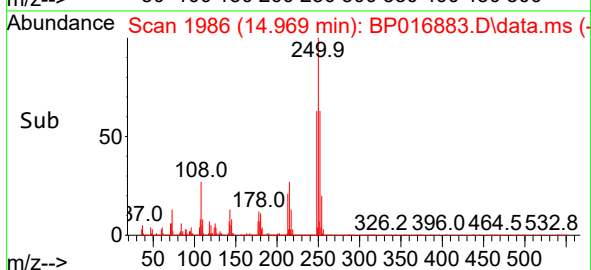
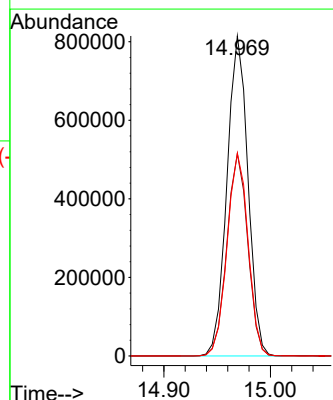
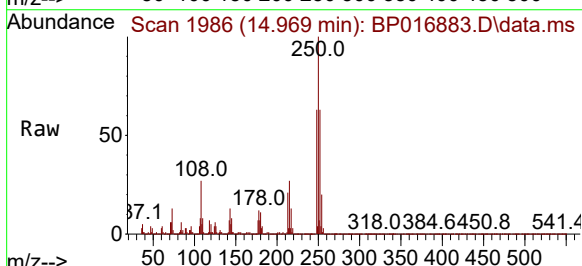
Tgt Ion:250 Resp: 1111775

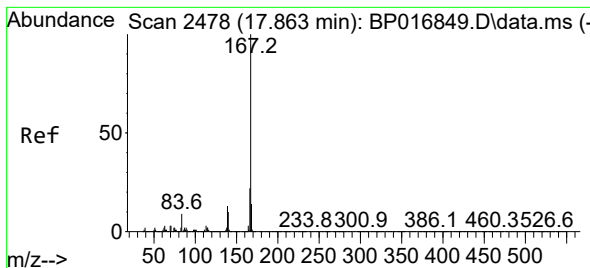
Ion Ratio Lower Upper

250 100

248 63.2 50.9 76.3

252 63.4 52.2 78.4





#77

Carbazole

Concen: 35.349 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

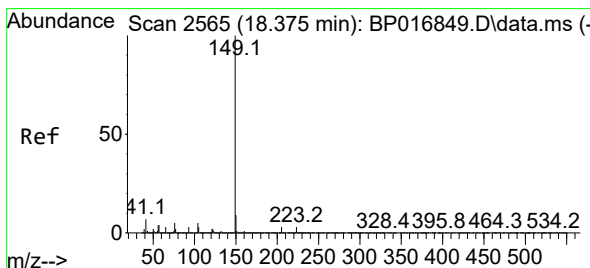
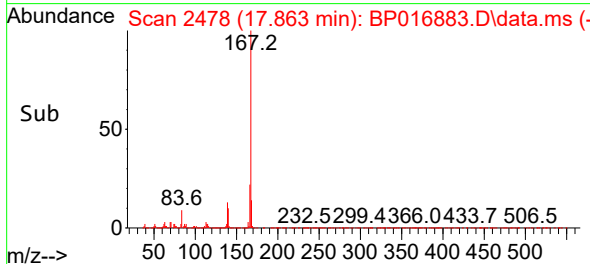
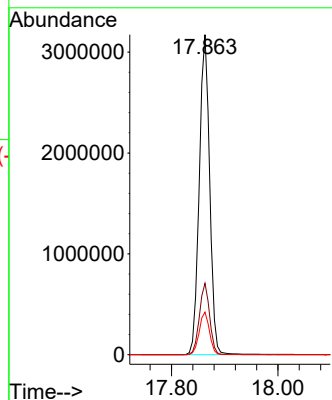
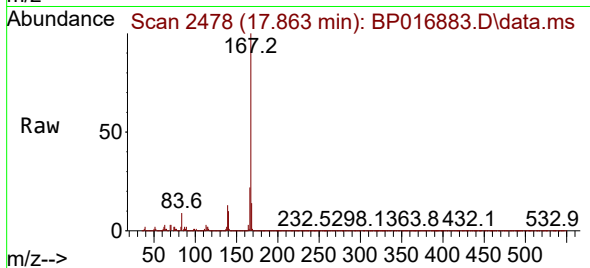
Tgt Ion:167 Resp: 4309006

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.2

139 13.3 10.4 15.6



#78

Di-n-butylphthalate

Concen: 35.549 ng/ul

RT: 18.369 min Scan# 2564

Delta R.T. -0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

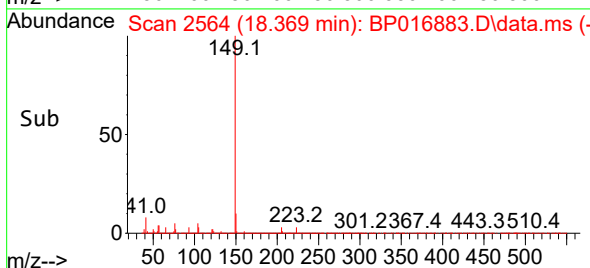
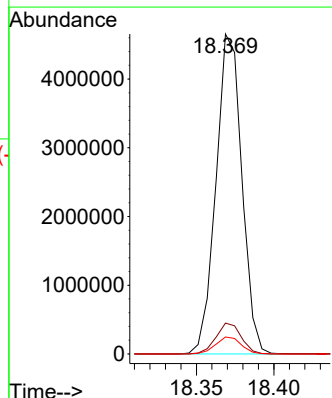
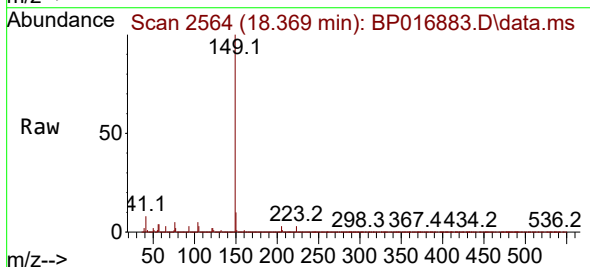
Tgt Ion:149 Resp: 5406291

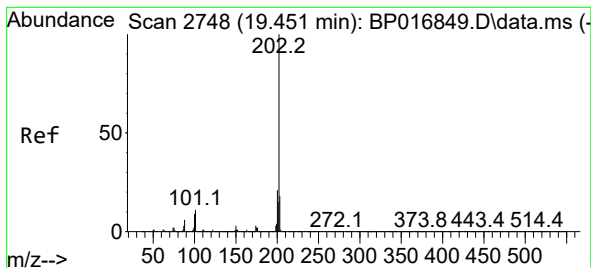
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.3 4.1 6.1





#80

Fluoranthene

Concen: 40.412 ng/ul

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

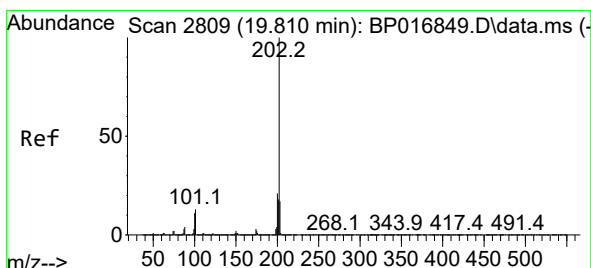
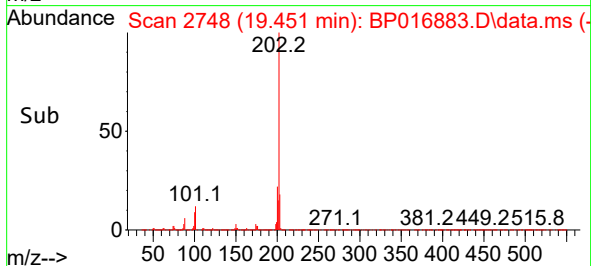
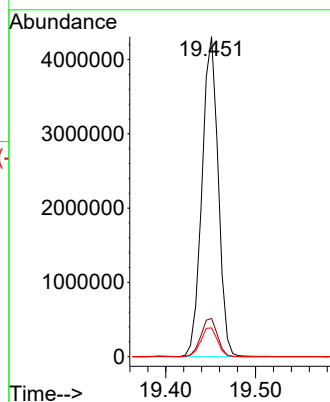
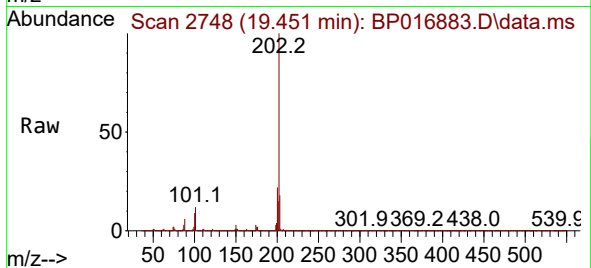
Tgt Ion:202 Resp: 5395482

Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

100 9.0 7.4 11.2



#82

Pyrene

Concen: 40.131 ng/ul

RT: 19.810 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

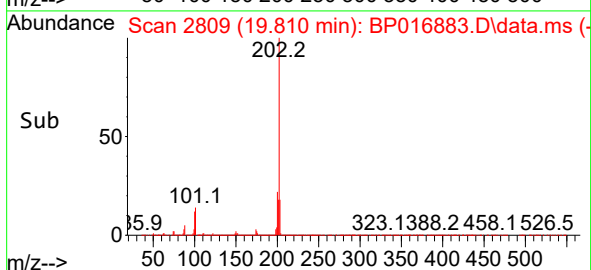
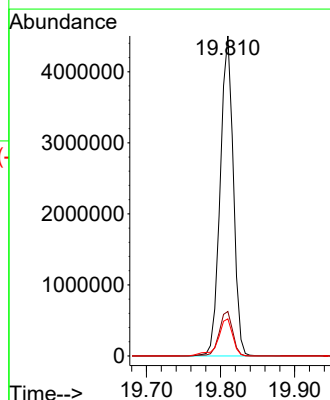
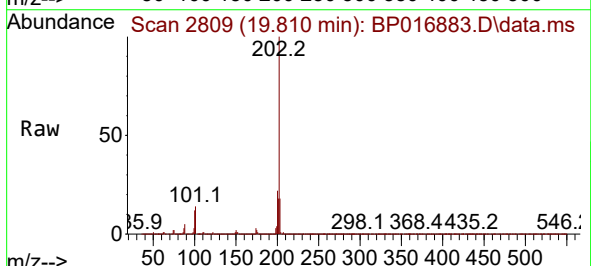
Tgt Ion:202 Resp: 5534621

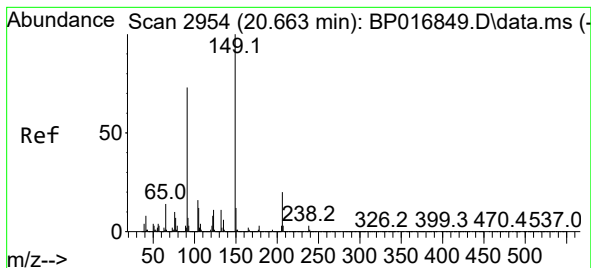
Ion Ratio Lower Upper

202 100

101 13.9 11.4 17.2

100 11.6 9.4 14.2





#83

Butylbenzylphthalate

Concen: 41.641 ng/ul

RT: 20.663 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

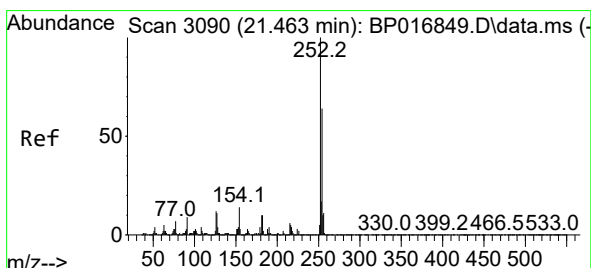
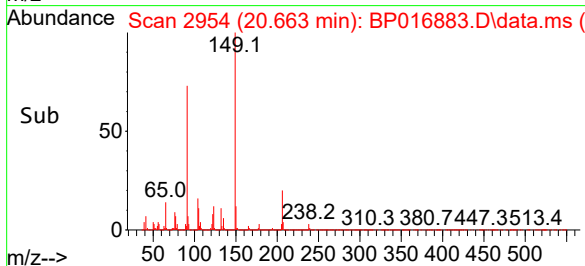
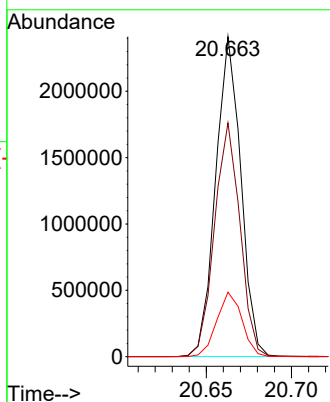
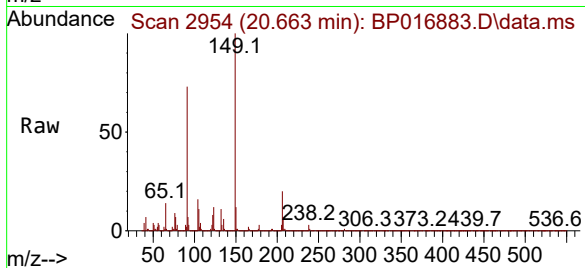
Tgt Ion:149 Resp: 2476664

Ion Ratio Lower Upper

149 100

91 73.1 58.5 87.7

206 20.1 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 33.985 ng/ul

RT: 21.463 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

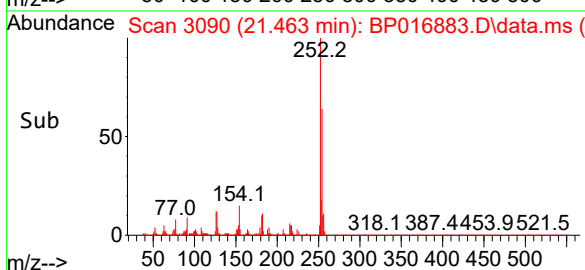
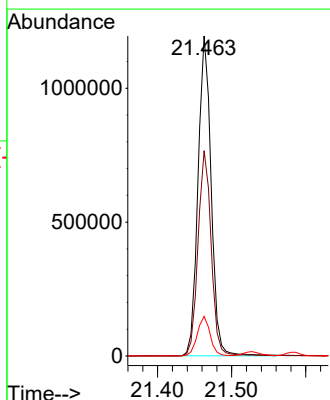
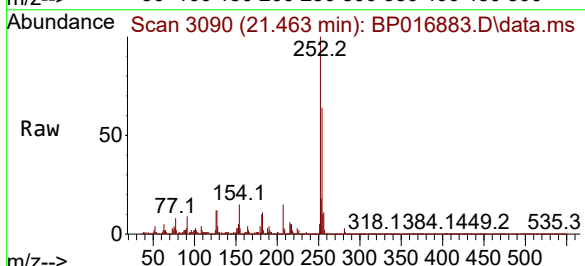
Tgt Ion:252 Resp: 1469993

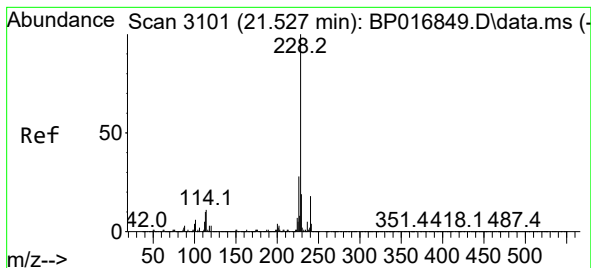
Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

126 12.4 9.6 14.4





#85

Benzo(a)anthracene

Concen: 35.337 ng/ul

RT: 21.527 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

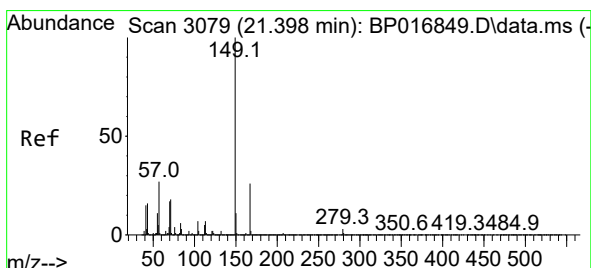
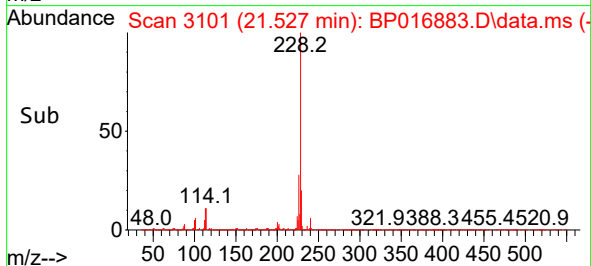
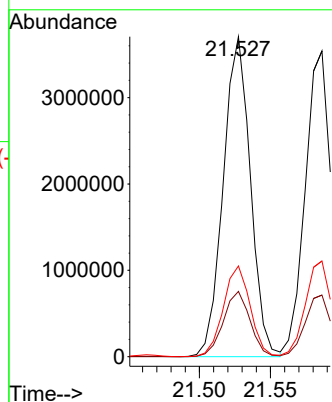
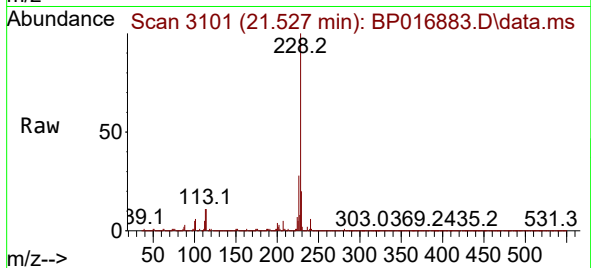
Tgt Ion:228 Resp: 4925644

Ion Ratio Lower Upper

228 100

229 20.4 16.2 24.4

226 28.4 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.511 ng/ul

RT: 21.398 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

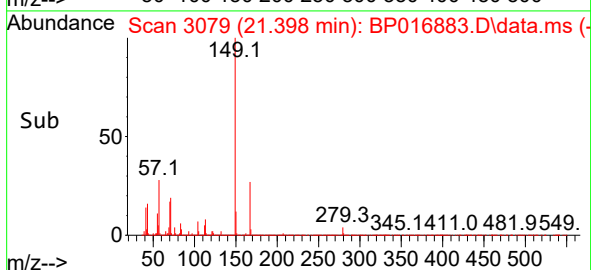
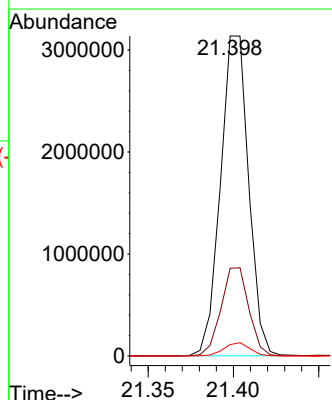
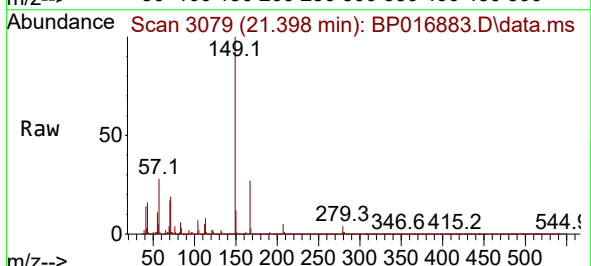
Tgt Ion:149 Resp: 3605064

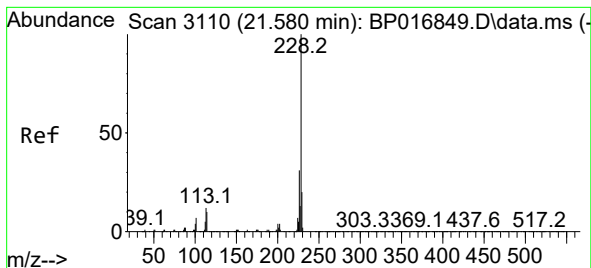
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 3.6 3.0 4.4





#87

Chrysene

Concen: 35.842 ng/ul

RT: 21.586 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

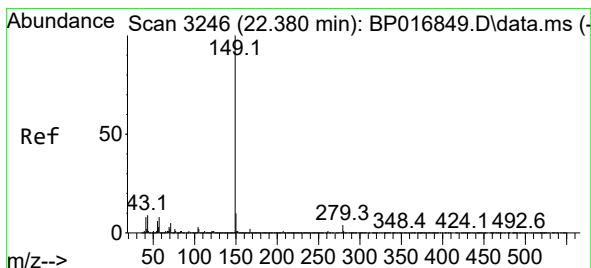
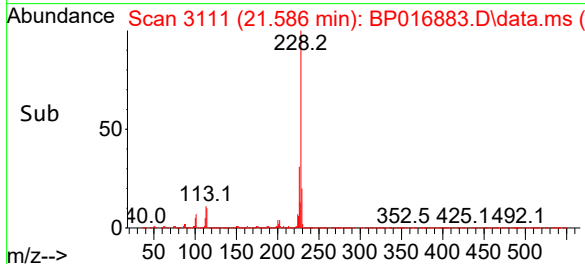
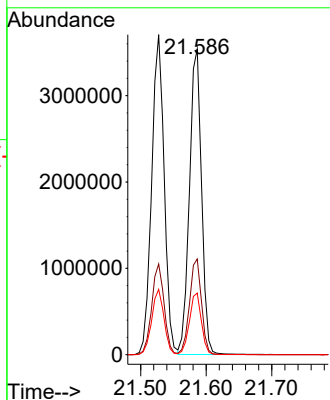
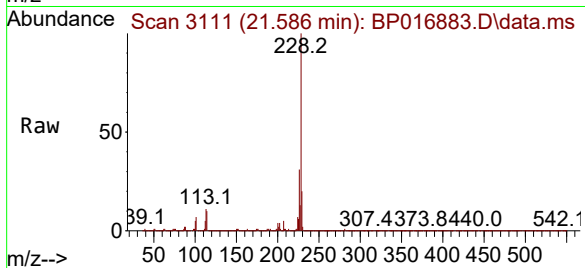
Tgt Ion:228 Resp: 4538325

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

229 20.2 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 46.142 ng/ul

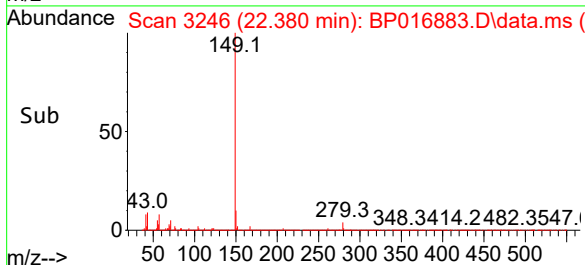
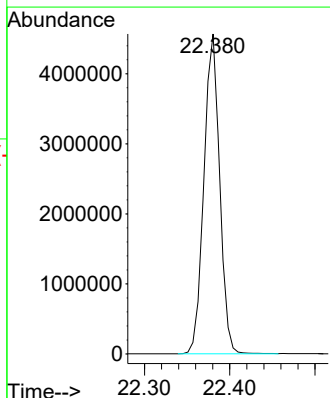
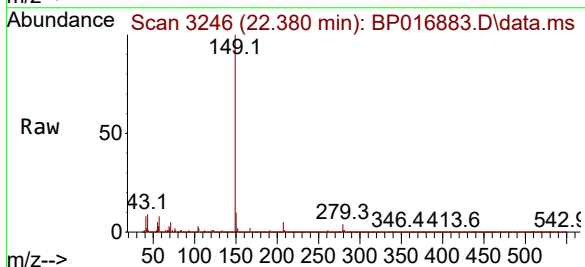
RT: 22.380 min Scan# 3246

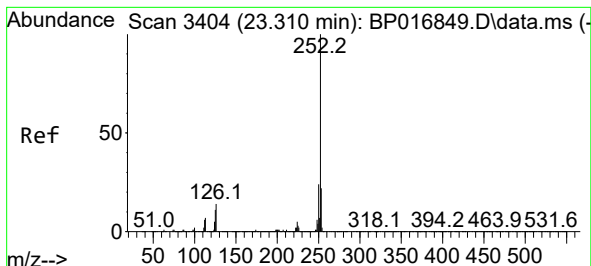
Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Tgt Ion:149 Resp: 5852074





#90

Benzo(b)fluoranthene

Concen: 37.546 ng/ul

RT: 23.310 min Scan# 3404

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

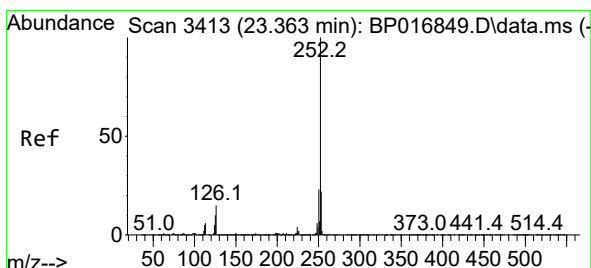
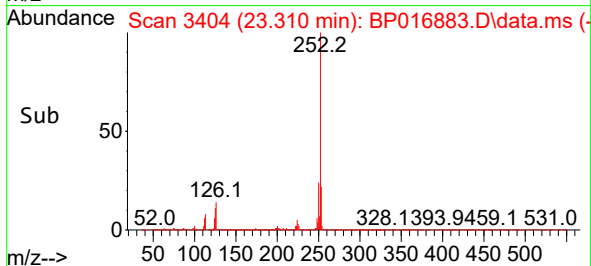
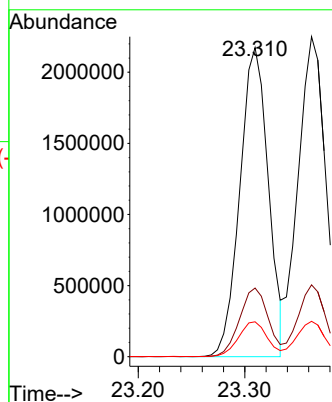
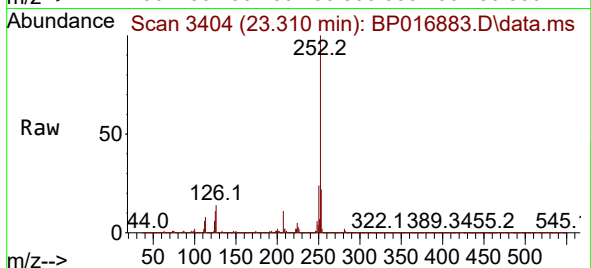
Tgt Ion:252 Resp: 4037925

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.3 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 38.246 ng/ul

RT: 23.363 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

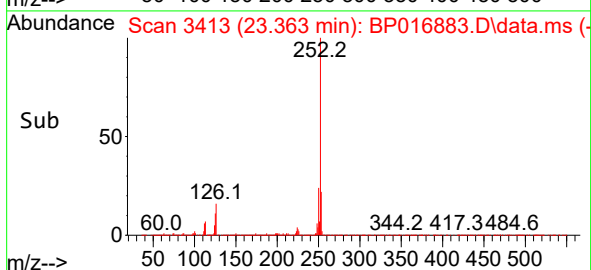
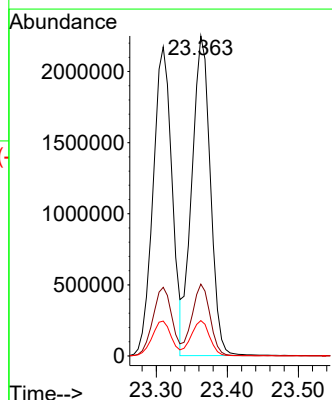
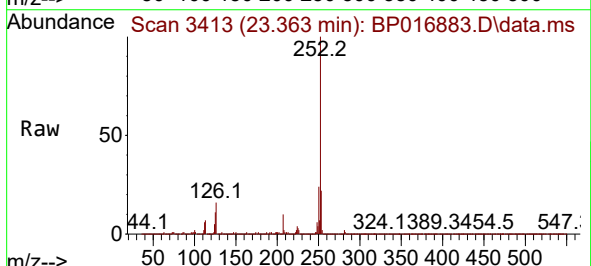
Tgt Ion:252 Resp: 4067890

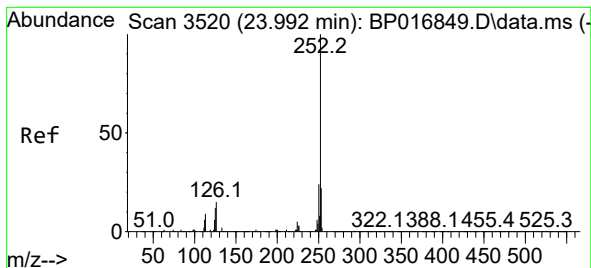
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 11.0 8.9 13.3





#93

Benzo(a)pyrene

Concen: 35.661 ng/ul

RT: 23.998 min Scan# 3520

Delta R.T. 0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

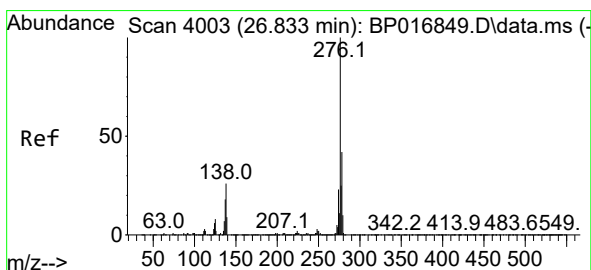
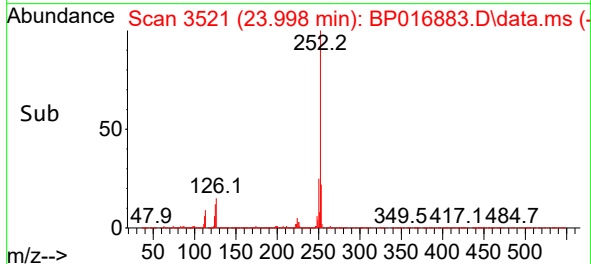
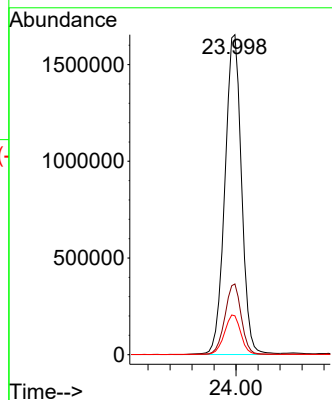
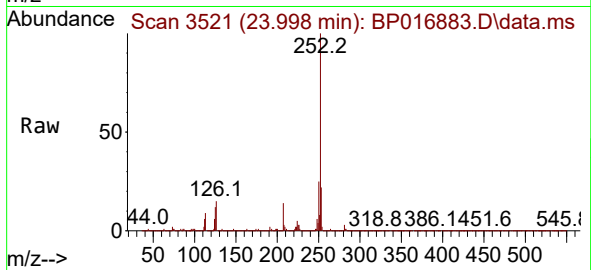
Tgt Ion:252 Resp: 3469042

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 12.1 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.843 ng/ul

RT: 26.839 min Scan# 4004

Delta R.T. 0.006 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

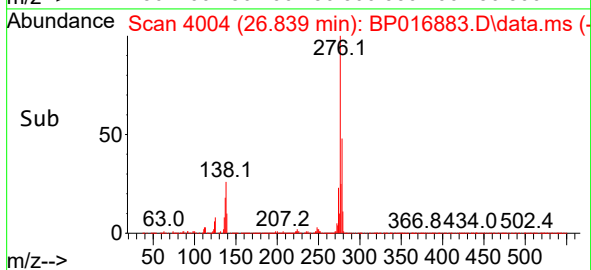
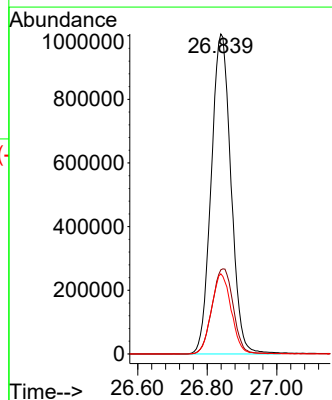
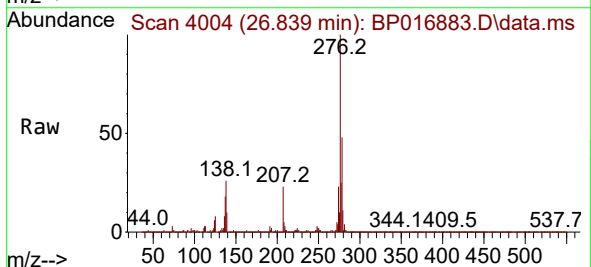
Tgt Ion:276 Resp: 3960566

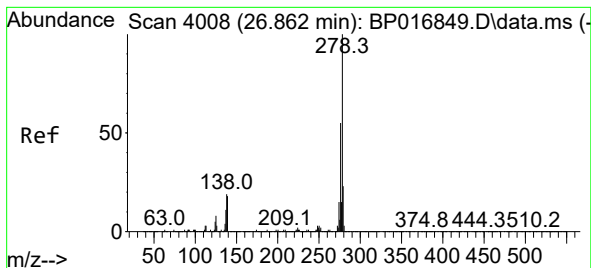
Ion Ratio Lower Upper

276 100

138 26.3 20.9 31.3

277 25.1 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 39.620 ng/ul

RT: 26.862 min Scan# 4008

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Instrument :

BNA_P

ClientSampleId :

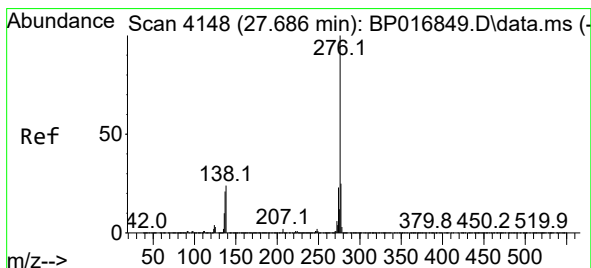
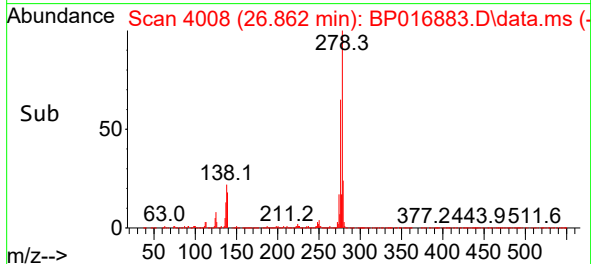
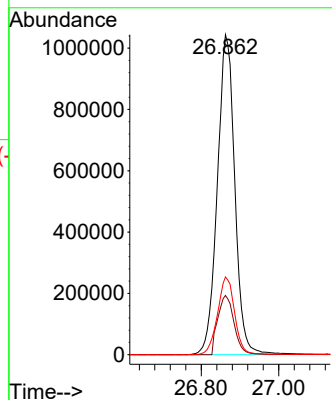
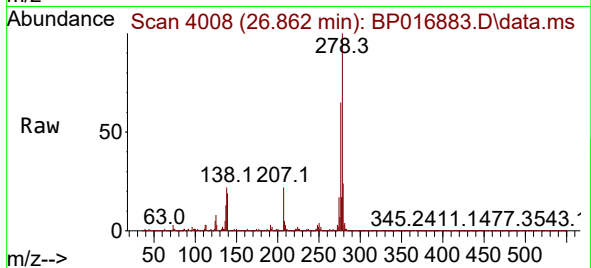
Tgt Ion:278 Resp: 3271102

Ion Ratio Lower Upper

278 100

139 18.5 15.0 22.6

279 24.3 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 41.561 ng/ul

RT: 27.686 min Scan# 4148

Delta R.T. 0.000 min

Lab File: BP016883.D

Acq: 30 Aug 2023 21:55

Tgt Ion:276 Resp: 3132117

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.4

277 24.1 19.3 28.9

