

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016871.D
 Acq On : 30 Aug 2023 14:21
 Operator : MA/JU
 Sample : PB155157BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:50:06 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	452119	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1943906	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	1186132	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2545895	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1832551	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	1728548	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	74792	6.837	ng/uL	0.00
4) Pyridine-d5	3.811	84	868959	25.993	ng/ul	0.00
7) Phenol-d5	7.169	99	1480395	36.823	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	902080	35.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	1094484	36.209	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	1140150	34.741	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	540975	36.807	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	595596	38.444	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	1098649	38.038	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	699027	15.782	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	3218645	35.982	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	3723504	36.822	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	580005	31.371	ng/ul	0.00
60) Fluorene-d10	15.675	176	2764091	36.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	499509	32.946	ng/ul	0.00
73) Anthracene-d10	17.551	188	4228921	37.474	ng/ul	0.00
81) Pyrene-d10	19.781	212	4457864	44.292	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	3299882	38.112	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	157610	13.230	ng/uL	99
5) Pyridine	3.834	79	1033626	30.016	ng/ul	99
6) Benzaldehyde	7.181	77	877803	39.927	ng/ul	99
8) Phenol	7.199	94	1490229	35.420	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.458	93	1166603	34.351	ng/ul	99
12) 2-Chlorophenol	7.575	128	1111778	35.984	ng/ul	100
13) 2-Methylphenol	8.463	108	1096256	34.735	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	962755	19.434	ng/ul	100
16) Acetophenone	8.875	105	1759800	34.581	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.852	70	936356	34.915	ng/ul	100
18) 4-Methylphenol	8.799	108	1193189	34.719	ng/ul	100
19) Hexachloroethane	9.093	117	448916	34.920	ng/ul	99
22) Nitrobenzene	9.269	77	1383589	36.693	ng/ul	100
23) Isophorone	9.787	82	2605712	35.581	ng/ul	100
25) 2-Nitrophenol	9.969	139	635352	37.089	ng/ul	97
26) 2,4-Dimethylphenol	10.005	107	1237627	35.946	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	1606456	35.556	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	1073799	37.011	ng/ul	100
30) Naphthalene	10.905	128	3603467	35.785	ng/ul	100
32) 4-Chloroaniline	11.034	127	1376329	31.619	ng/ul	100
33) Hexachlorobutadiene	11.134	225	611539	34.219	ng/ul	99
34) Caprolactam	11.869	113	274368	25.643	ng/ul	98
35) 4-Chloro-3-methylphenol	12.134	107	1204966	37.036	ng/ul	99
36) 2-Methylnaphthalene	12.504	142	2458147	35.366	ng/ul	100

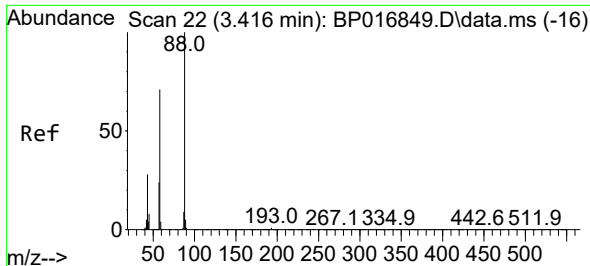
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	2381978	33.984	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.852	216	1194729	35.340	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	640689	25.771	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	844758	37.419	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	925050	37.867	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	3294187	37.354	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	2580685	37.069	ng/ul	100
45) 2-Nitroaniline	13.793	65	813497	38.530	ng/ul	99
47) Dimethylphthalate	14.140	163	3243436	35.803	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	680000	38.307	ng/ul	99
50) Acenaphthylene	14.410	152	4042999	34.932	ng/ul	100
51) 3-Nitroaniline	14.622	138	711960	38.517	ng/ul	99
52) Acenaphthene	14.746	153	2778361	36.285	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	316082	24.504	ng/ul	98
55) 4-Nitrophenol	14.904	109	448104	32.093	ng/ul	97
56) Dibenzofuran	15.081	168	3815317	36.315	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	980444	37.524	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.293	232	742781	35.716	ng/ul	99
59) Diethylphthalate	15.493	149	3314801	36.018	ng/ul	99
61) Fluorene	15.734	166	3181489	36.204	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	1556503	36.076	ng/ul	99
63) 4-Nitroaniline	15.793	138	689881	39.223	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.816	198	504525	30.865	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	2672117	37.948	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	904818	37.069	ng/ul	93
69) Hexachlorobenzene	16.704	284	991212	36.269	ng/ul	96
70) Atrazine	16.898	200	588385	22.164	ng/ul	100
71) Pentachlorophenol	17.069	266	587828	28.975	ng/ul	99
72) Phenanthrene	17.492	178	4949306	36.927	ng/ul	99
74) Anthracene	17.587	178	4975702	36.715	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	120123	3.524	ng/uL	98
76) Pentachlorobenzene	14.969	250	1200982	39.423	ng/uL	99
77) Carbazole	17.863	167	4462516	36.562	ng/ul	100
78) Di-n-butylphthalate	18.375	149	5730544	37.633	ng/ul	100
80) Fluoranthene	19.451	202	5446607	45.049	ng/ul	99
82) Pyrene	19.810	202	5514361	44.154	ng/ul	99
83) Butylbenzylphthalate	20.669	149	2383120	44.246	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.469	252	1465575	37.416	ng/ul	99
85) Benzo(a)anthracene	21.528	228	4709175	37.307	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	3436504	43.697	ng/ul	100
87) Chrysene	21.586	228	4314000	37.624	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	5209738	40.022	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	4124016	37.362	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	4142011	37.943	ng/ul	99
93) Benzo(a)pyrene	23.998	252	3647626	36.534	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	4538353	44.483	ng/ul	99
95) Dibenzo(a,h)anthracene	26.874	278	3729085	44.007	ng/ul	99
96) Benzo(g,h,i)perylene	27.704	276	3643681	47.107	ng/ul	99

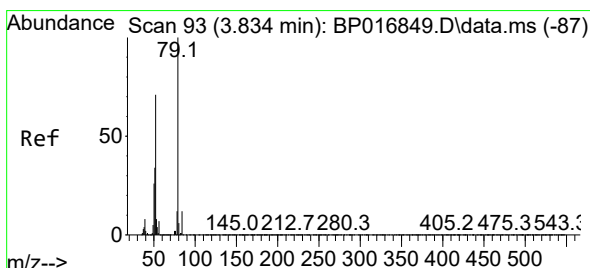
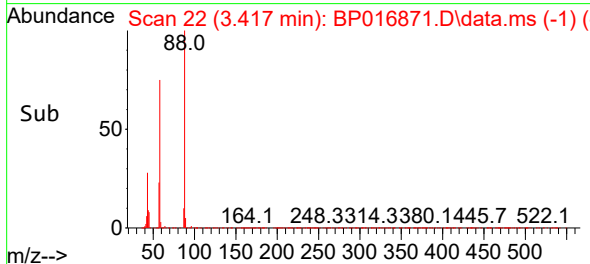
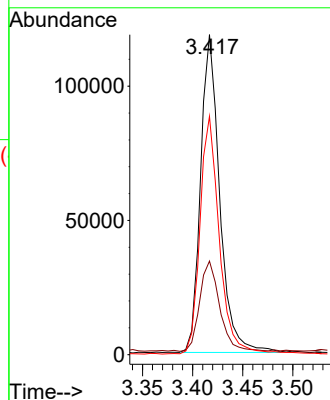
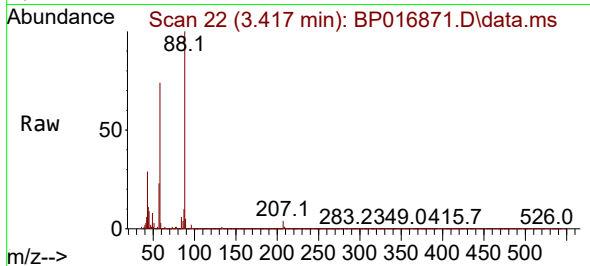
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#2
1,4-Dioxane
Concen: 13.230 ng/uL
RT: 3.417 min Scan# 21
Delta R.T. 0.000 min
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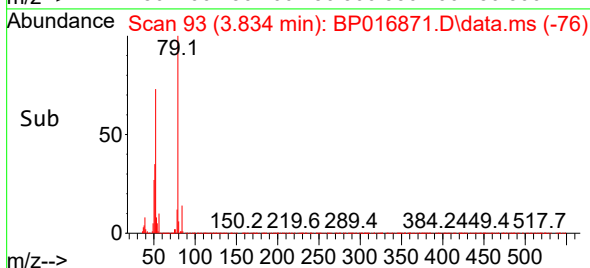
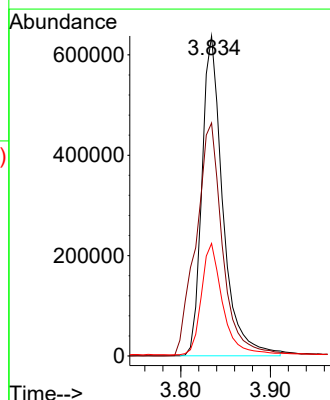
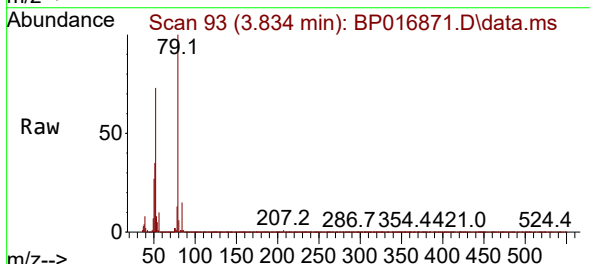
Instrument :
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ClientSampleId :

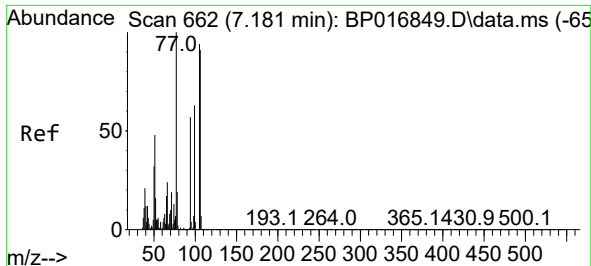
Tgt Ion: 88 Resp: 157610
Ion Ratio Lower Upper
88 100
43 29.3 24.0 36.0
58 74.5 59.8 89.8



#5
Pyridine
Concen: 30.016 ng/uL
RT: 3.834 min Scan# 93
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion: 79 Resp: 1033626
Ion Ratio Lower Upper
79 100
52 72.8 59.6 89.4
51 35.1 28.2 42.2

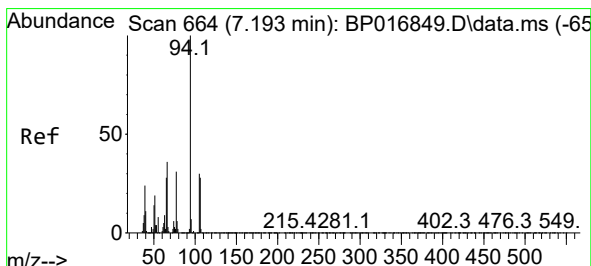
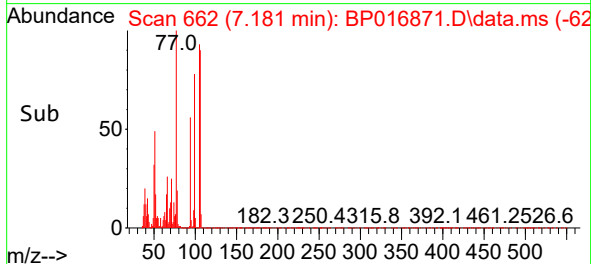
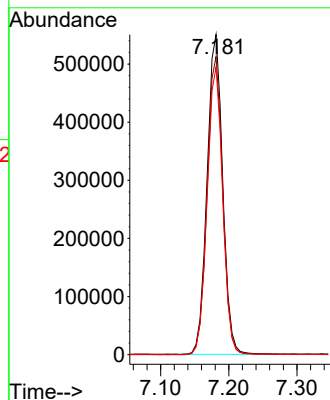
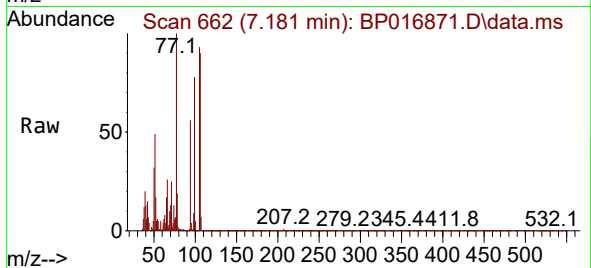




#6
Benzaldehyde
Concen: 39.927 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

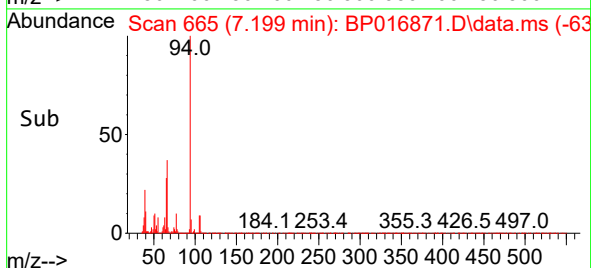
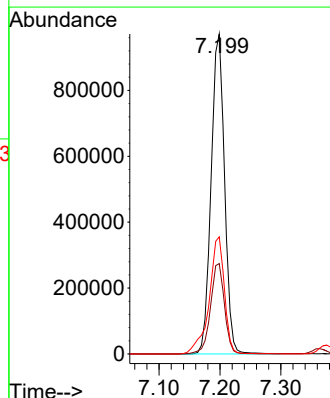
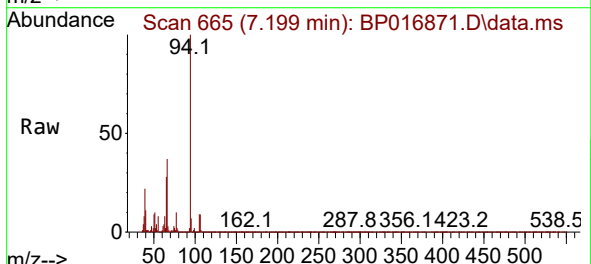
Instrument :
BNA_P
ClientSampleId :

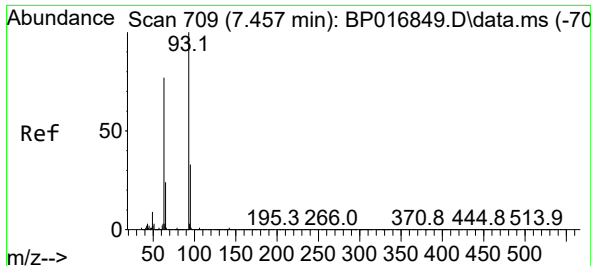
Tgt Ion: 77 Resp: 877803
Ion Ratio Lower Upper
77 100
105 93.1 75.4 113.2
106 89.8 73.1 109.7



#8
Phenol
Concen: 35.420 ng/ul
RT: 7.199 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

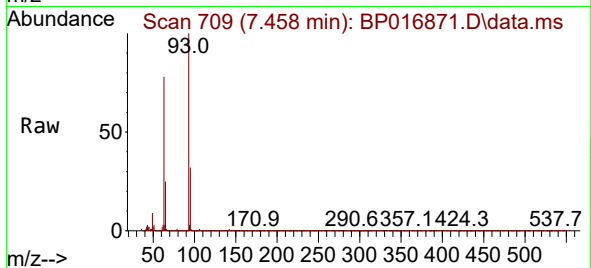
Tgt Ion: 94 Resp: 1490229
Ion Ratio Lower Upper
94 100
65 28.2 22.4 33.6
66 36.6 28.6 42.8





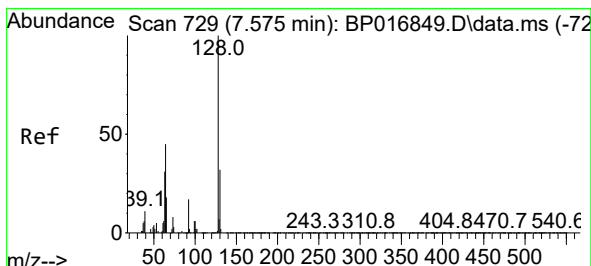
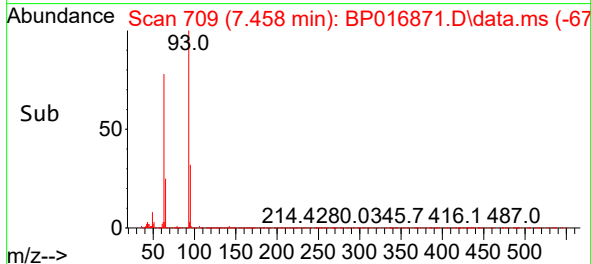
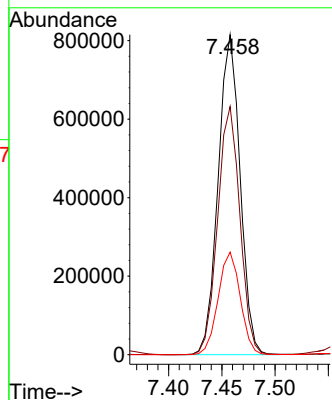
#10
 Bis(2-Chloroethyl)ether
 Concen: 34.351 ng/ul
 RT: 7.458 min Scan# 709
 Delta R.T. 0.000 min
 Lab File: BP016871.D
 Acq: 30 Aug 2023 14:21

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 1166603

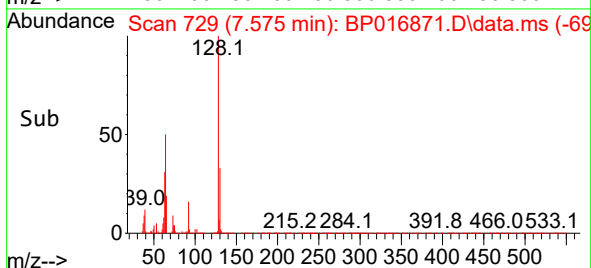
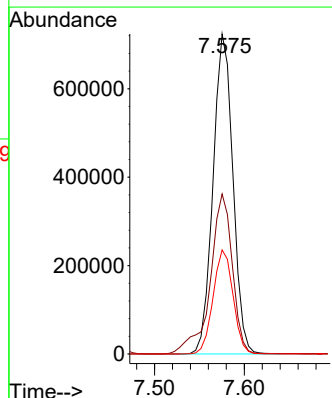
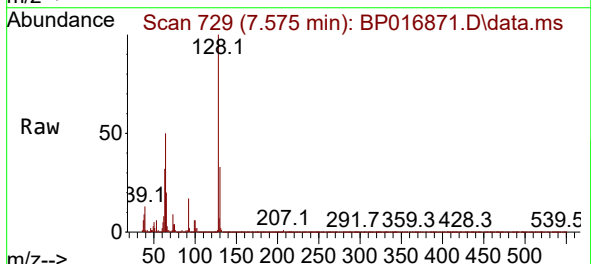
Ion	Ratio	Lower	Upper
93	100		
63	77.6	62.9	94.3
95	32.0	26.3	39.5

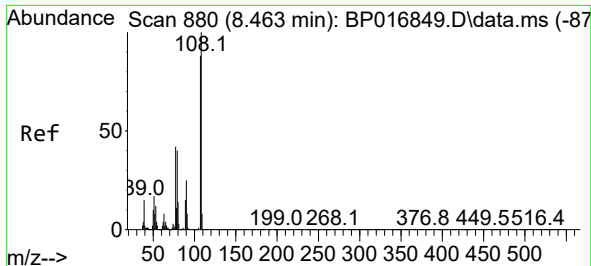


#12
 2-Chlorophenol
 Concen: 35.984 ng/ul
 RT: 7.575 min Scan# 729
 Delta R.T. 0.000 min
 Lab File: BP016871.D
 Acq: 30 Aug 2023 14:21

Tgt Ion: 128 Resp: 1111778

Ion	Ratio	Lower	Upper
128	100		
64	50.0	40.0	60.0
130	32.5	26.4	39.6





#13

2-Methylphenol

Concen: 34.735 ng/ul

RT: 8.463 min Scan# 880

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

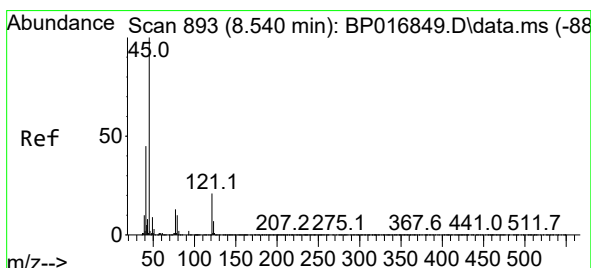
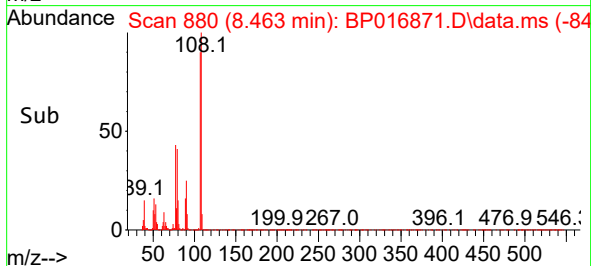
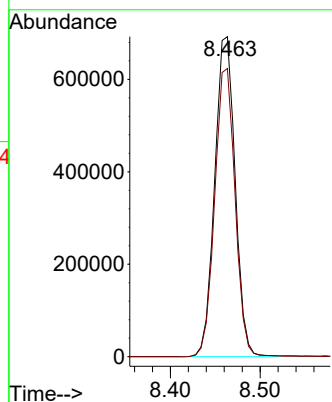
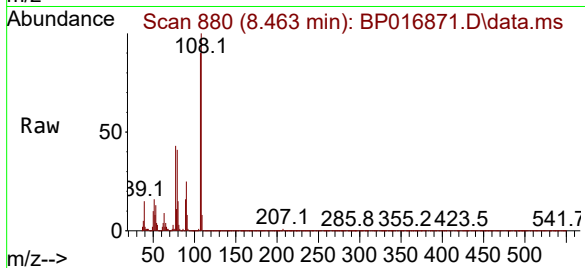
ClientSampleId :

Tgt Ion:108 Resp: 1096256

Ion Ratio Lower Upper

108 100

107 90.1 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.434 ng/ul

RT: 8.534 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

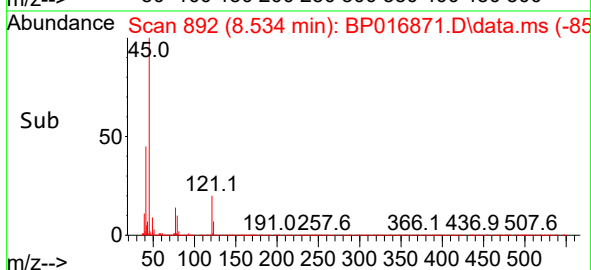
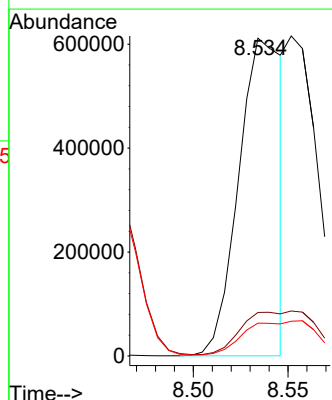
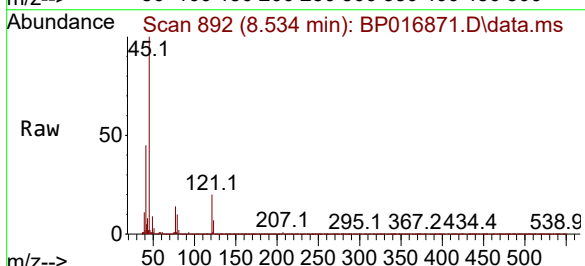
Tgt Ion: 45 Resp: 962755

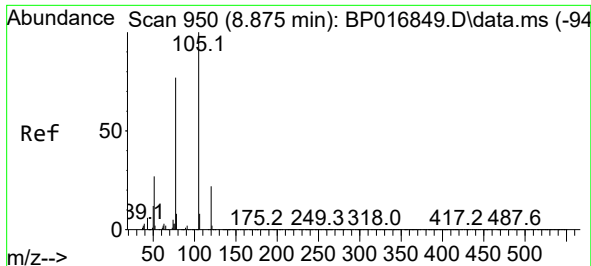
Ion Ratio Lower Upper

45 100

77 13.7 11.1 16.7

79 10.3 8.2 12.4

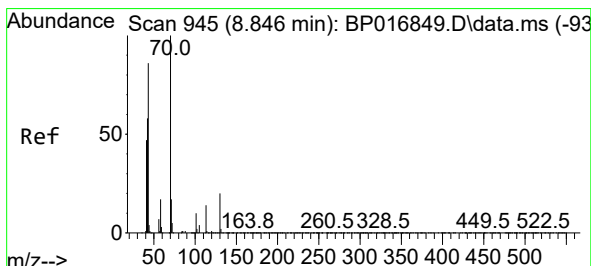
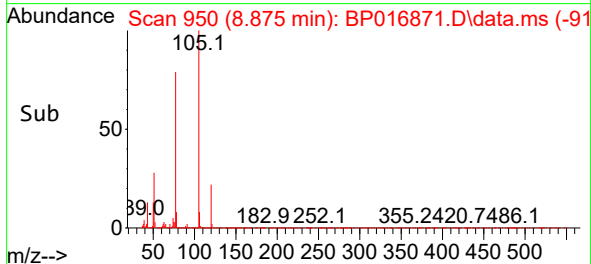
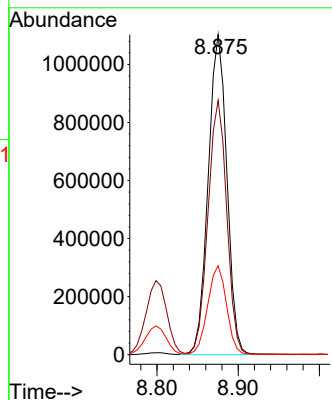
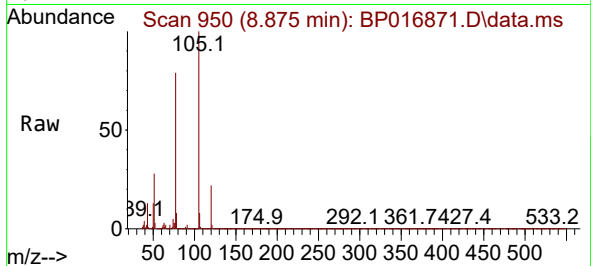




#16
Acetophenone
Concen: 34.581 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016871.D
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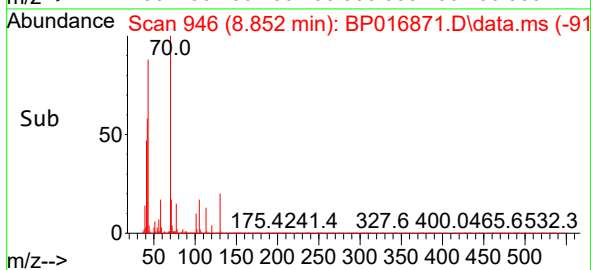
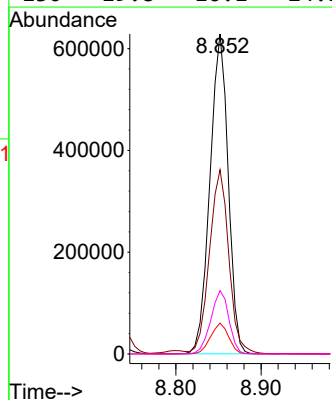
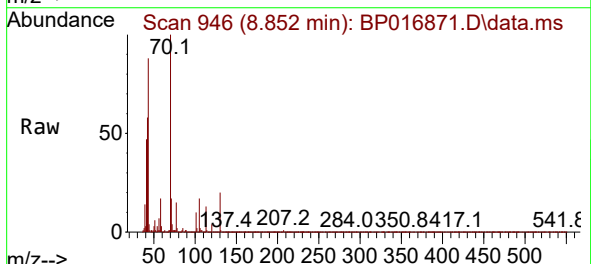
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BNA_P
ClientSampleId :

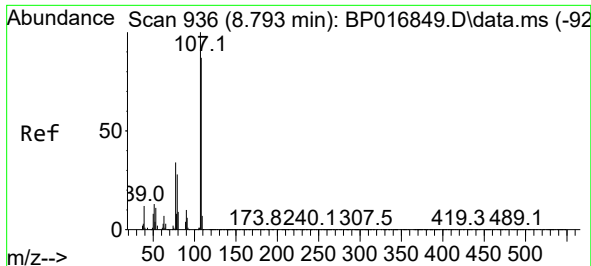
Tgt Ion:105 Resp: 1759800
Ion Ratio Lower Upper
105 100
77 79.5 64.2 96.4
51 27.8 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 34.915 ng/ul
RT: 8.852 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion: 70 Resp: 936356
Ion Ratio Lower Upper
70 100
42 57.6 46.0 69.0
101 9.7 7.6 11.4
130 19.8 16.1 24.1

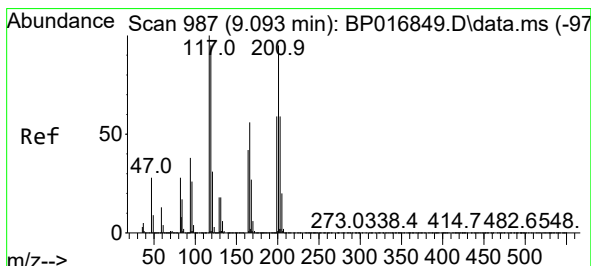
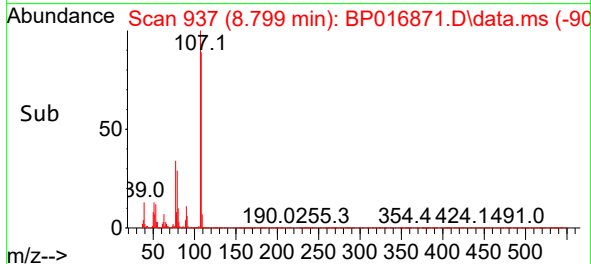
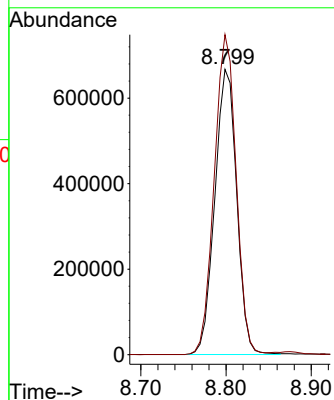
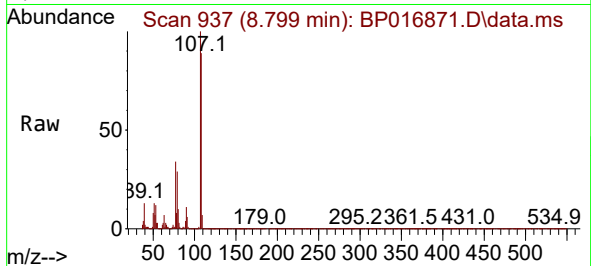




#18
4-Methylphenol
Concen: 34.719 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

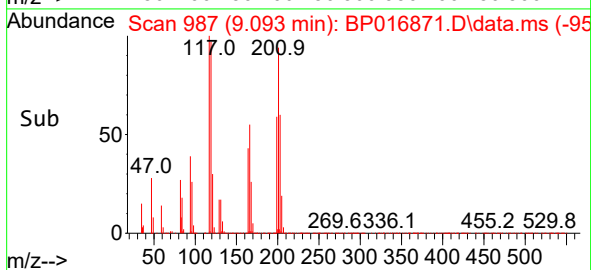
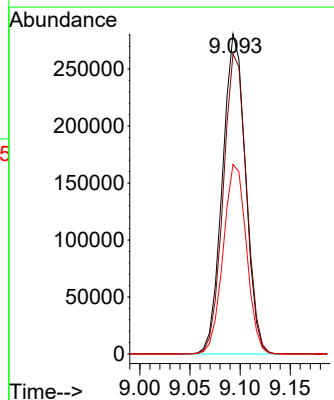
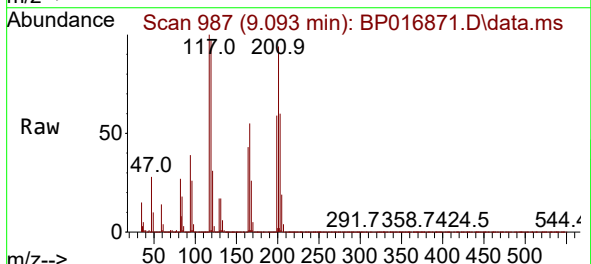
Instrument :
BNA_P
ClientSampleId :

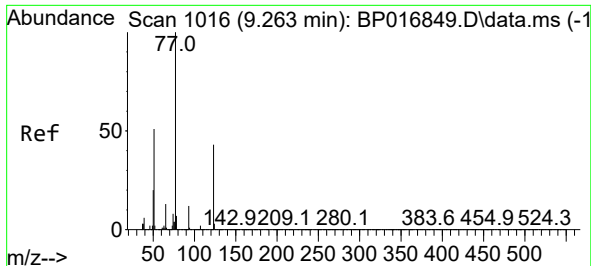
Tgt Ion:108 Resp: 1193189
Ion Ratio Lower Upper
108 100
107 112.2 89.8 134.6



#19
Hexachloroethane
Concen: 34.920 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:117 Resp: 448916
Ion Ratio Lower Upper
117 100
201 93.7 75.4 113.2
199 59.3 47.8 71.6

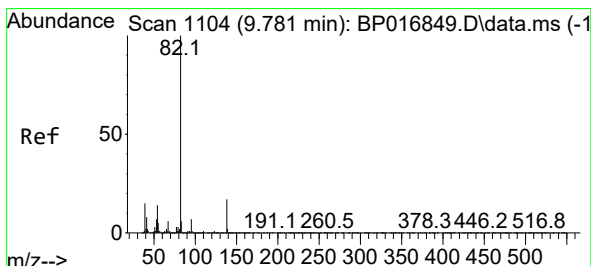
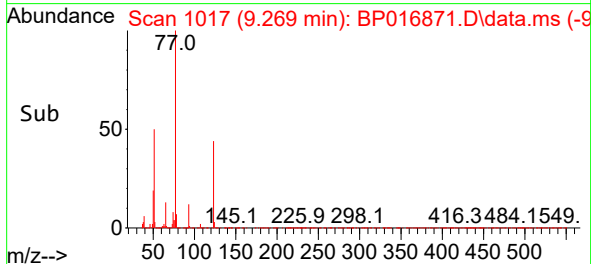
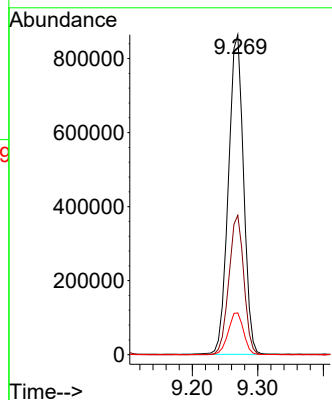
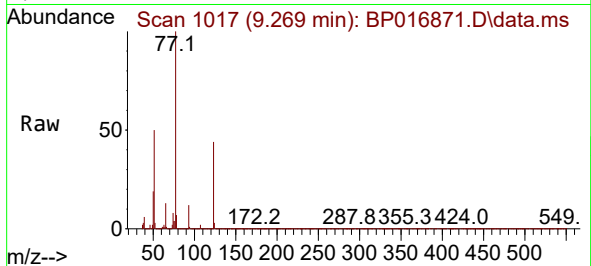




#22
Nitrobenzene
Concen: 36.693 ng/ul
RT: 9.269 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

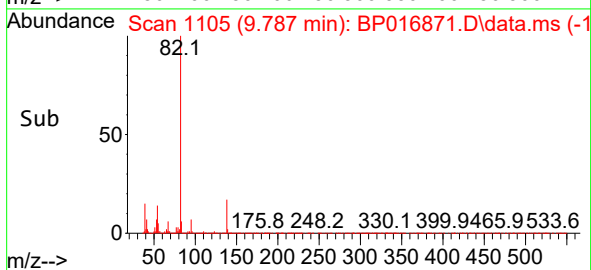
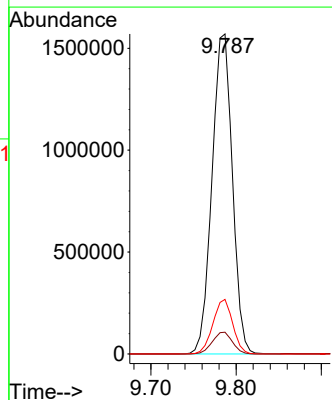
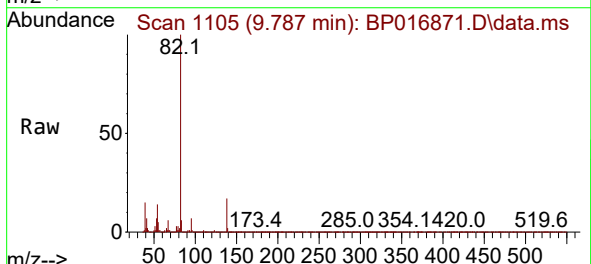
Instrument :
BNA_P
ClientSampleId :

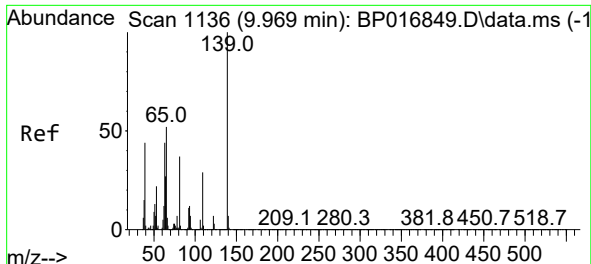
Tgt Ion: 77 Resp: 1383589
Ion Ratio Lower Upper
77 100
123 43.5 34.9 52.3
65 13.1 10.6 15.8



#23
Isophorone
Concen: 35.581 ng/ul
RT: 9.787 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion: 82 Resp: 2605712
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.0 13.5 20.3

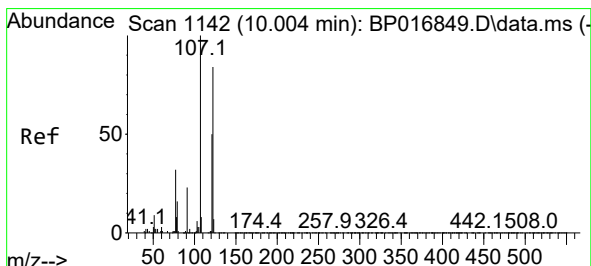
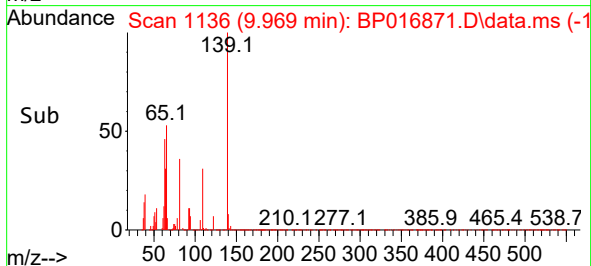
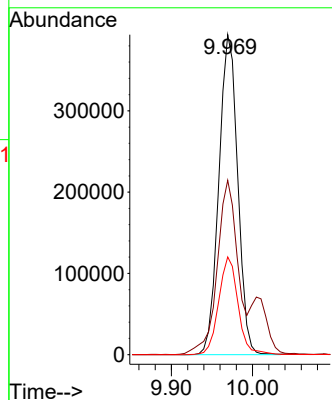
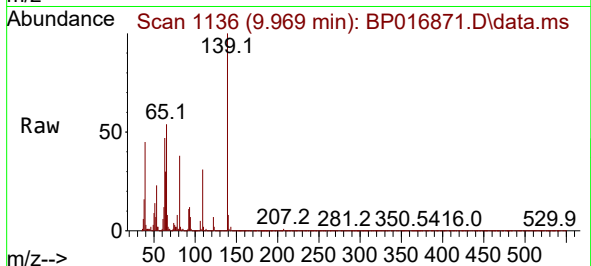




#25
2-Nitrophenol
Concen: 37.089 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

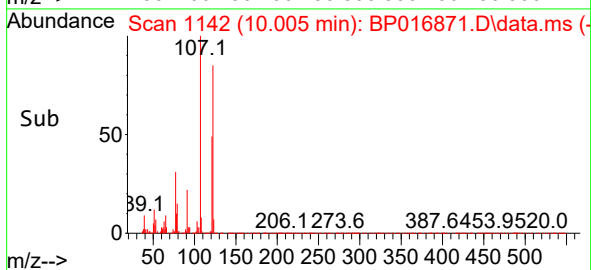
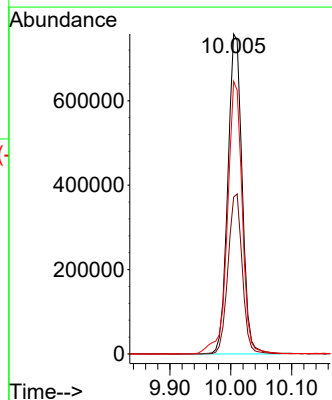
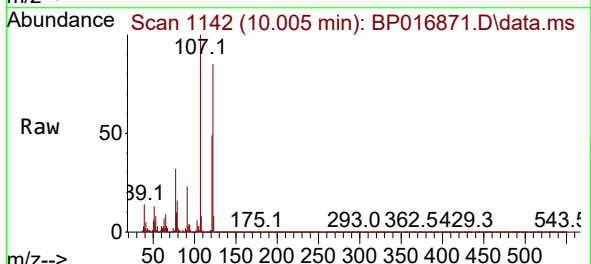
Instrument :
BNA_P
ClientSampleId :

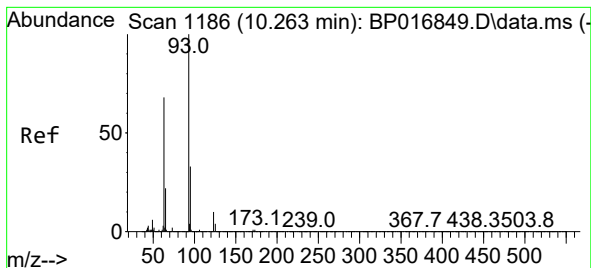
Tgt Ion:139 Resp: 635352
Ion Ratio Lower Upper
139 100
65 54.5 42.0 63.0
109 30.5 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 35.946 ng/ul
RT: 10.005 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:107 Resp: 1237627
Ion Ratio Lower Upper
107 100
121 49.0 40.7 61.1
122 85.2 69.7 104.5

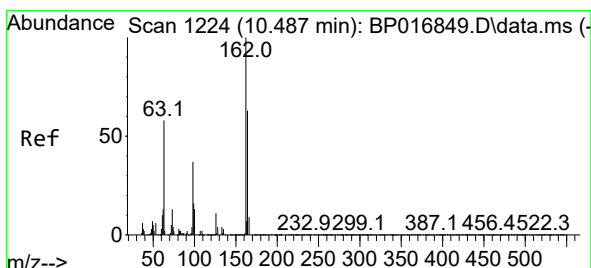
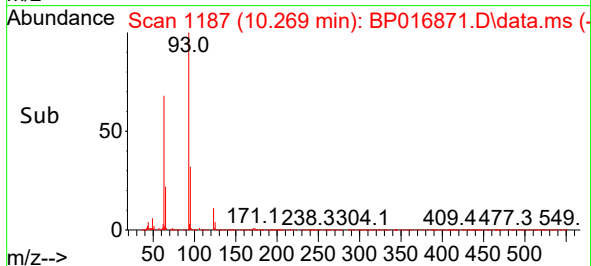
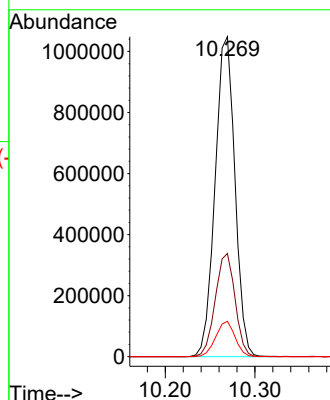
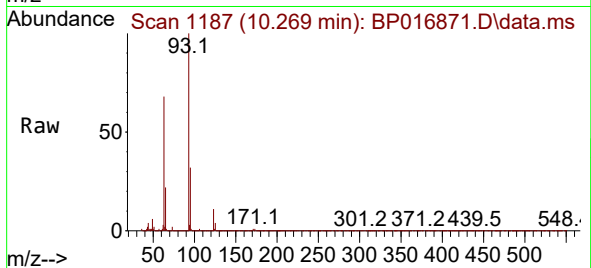




#27
Bis(2-Chloroethoxy)methane
Concen: 35.556 ng/ul
RT: 10.269 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

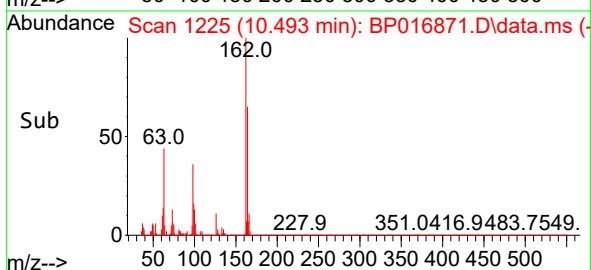
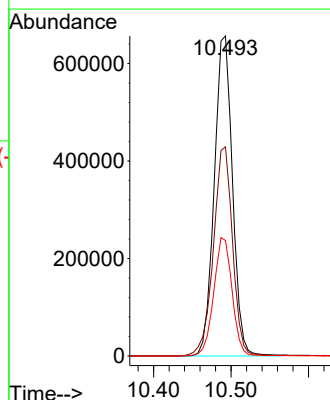
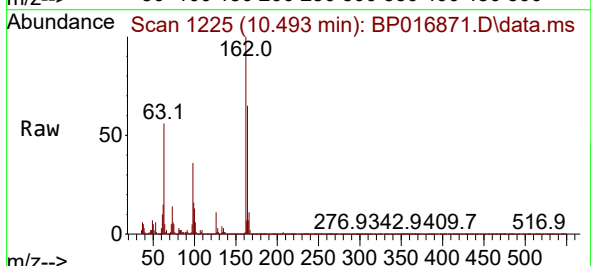
Instrument :
BNA_P
ClientSampleId :

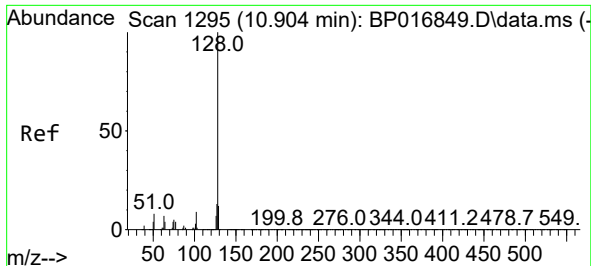
Tgt Ion: 93 Resp: 1606456
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 11.0 8.8 13.2



#29
2,4-Dichlorophenol
Concen: 37.011 ng/ul
RT: 10.493 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:162 Resp: 1073799
Ion Ratio Lower Upper
162 100
164 65.3 52.2 78.2
98 36.1 29.3 43.9

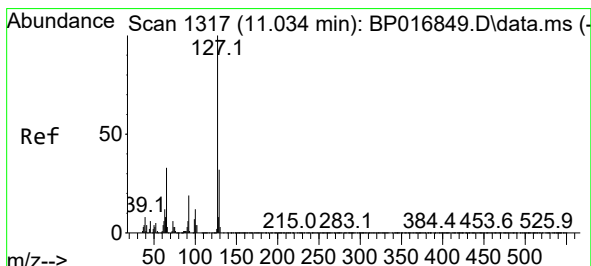
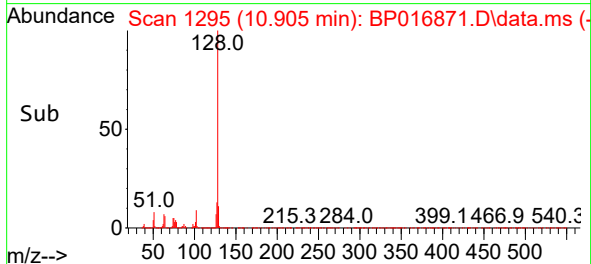
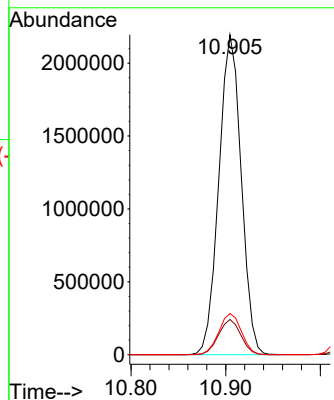
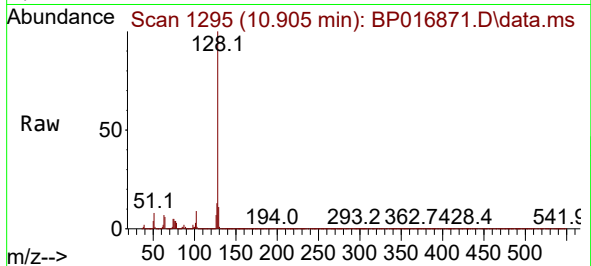




#30
Naphthalene
Concen: 35.785 ng/ul
RT: 10.905 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

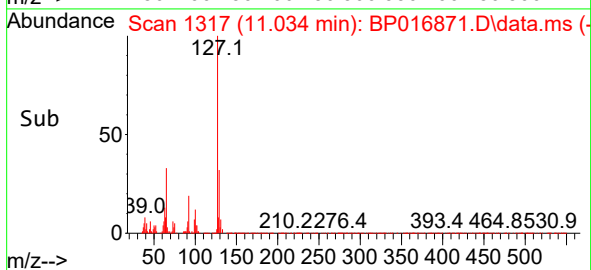
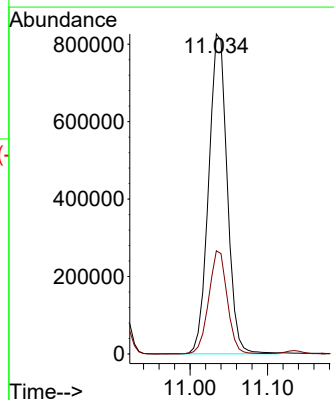
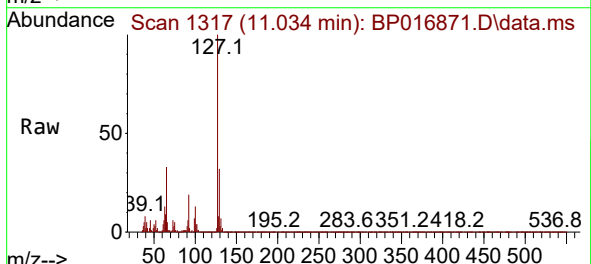
Instrument :
BNA_P
ClientSampleId :

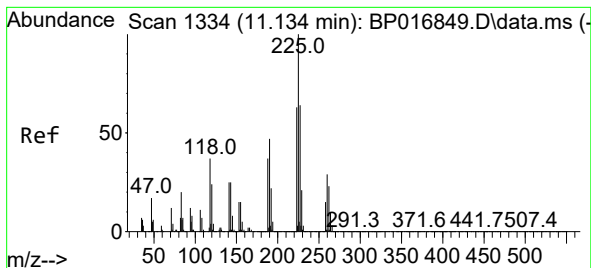
Tgt Ion:128 Resp: 3603467
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.3 15.5



#32
4-Chloroaniline
Concen: 31.619 ng/ul
RT: 11.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:127 Resp: 1376329
Ion Ratio Lower Upper
127 100
129 32.2 25.9 38.9





#33

Hexachlorobutadiene

Concen: 34.219 ng/ul

RT: 11.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

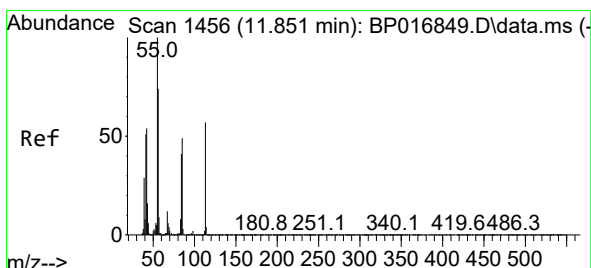
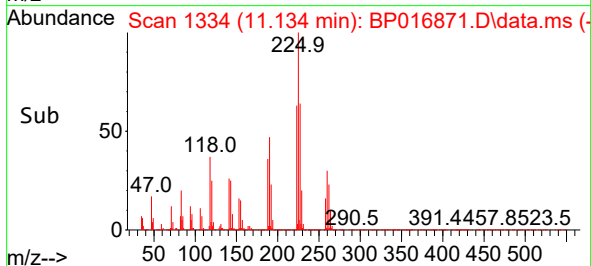
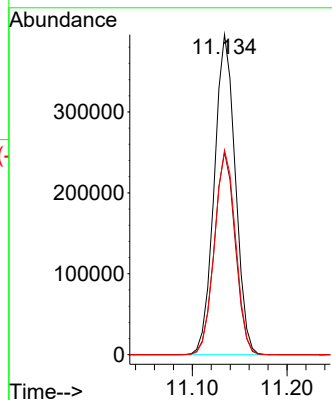
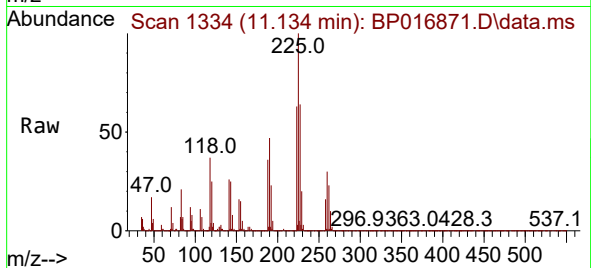
Tgt Ion:225 Resp: 611539

Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.4

227 64.0 52.5 78.7



#34

Caprolactam

Concen: 25.643 ng/ul

RT: 11.869 min Scan# 1459

Delta R.T. 0.018 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

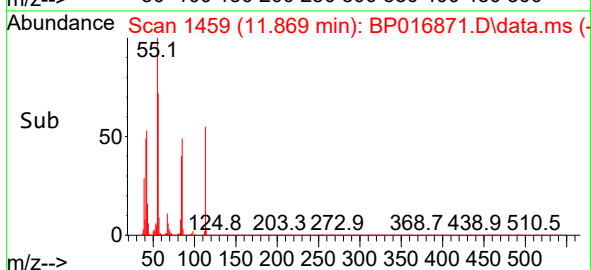
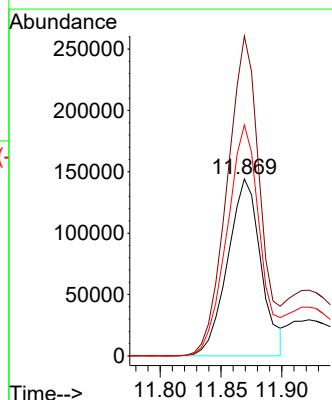
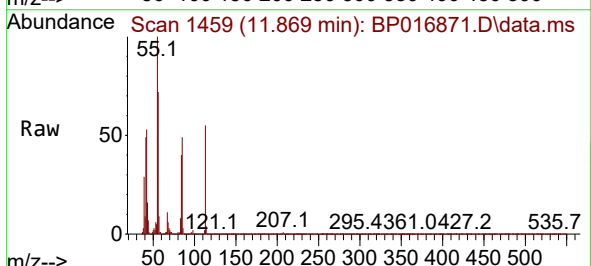
Tgt Ion:113 Resp: 274368

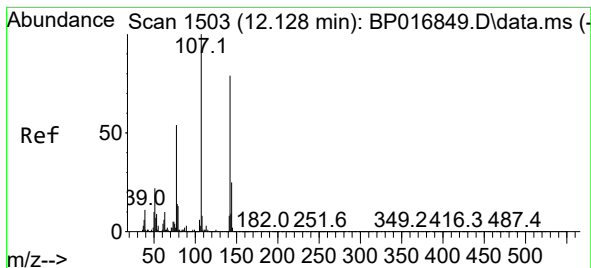
Ion Ratio Lower Upper

113 100

55 180.8 140.6 210.8

56 130.5 104.5 156.7

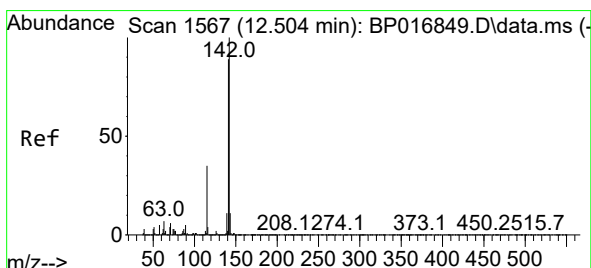
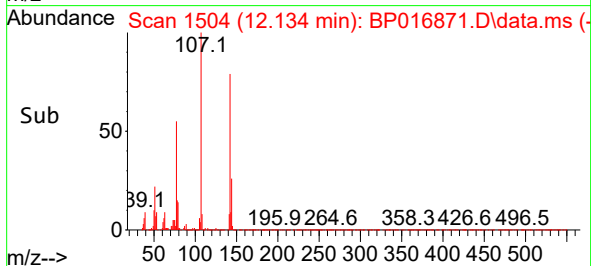
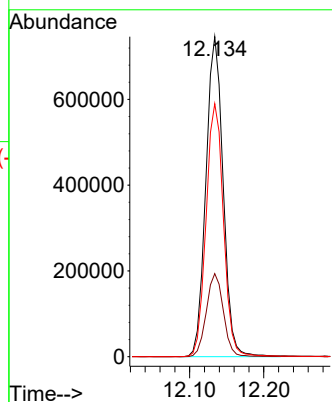
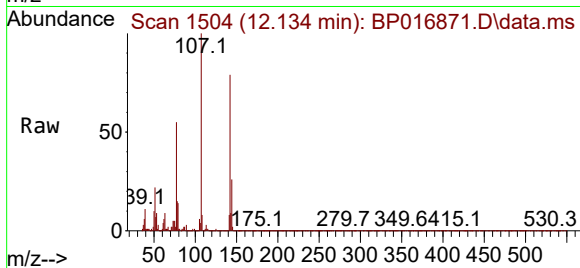




#35
4-Chloro-3-methylphenol
Concen: 37.036 ng/ul
RT: 12.134 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

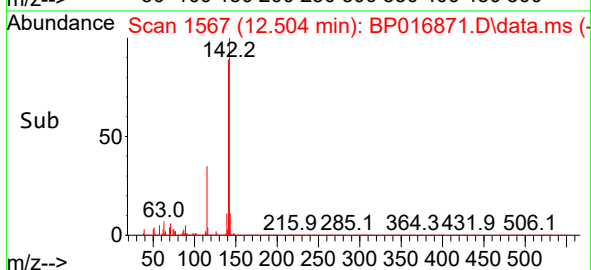
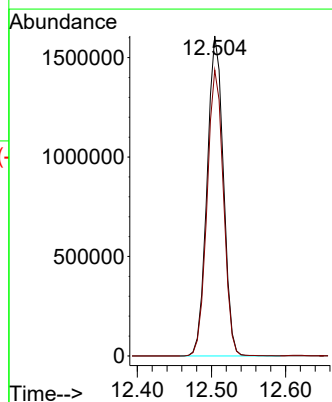
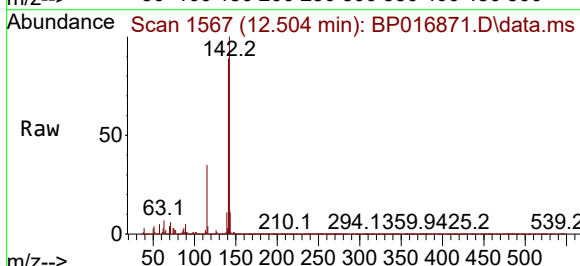
Instrument :
BNA_P
ClientSampleId :

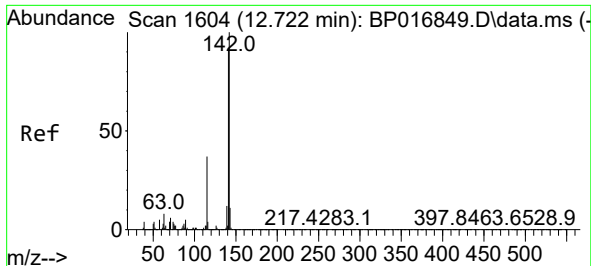
Tgt Ion:107 Resp: 1204966
Ion Ratio Lower Upper
107 100
144 25.9 20.6 31.0
142 79.1 63.7 95.5



#36
2-Methylnaphthalene
Concen: 35.366 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:142 Resp: 2458147
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0

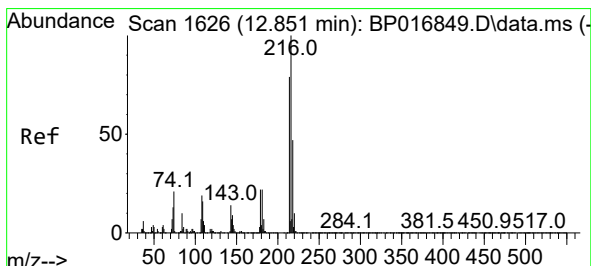
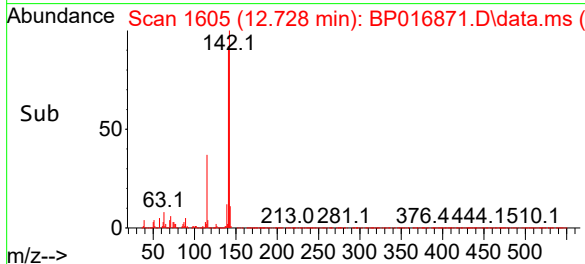
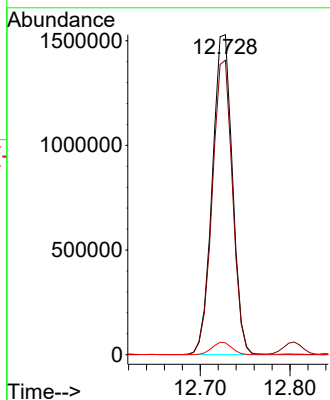
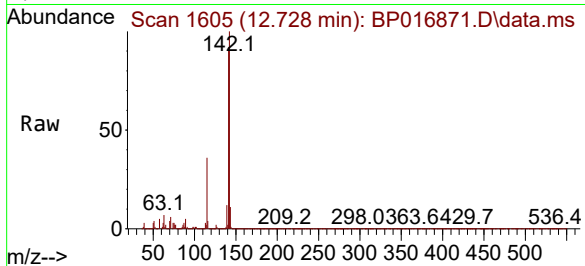




#37
1-Methylnaphthalene
Concen: 33.984 ng/ul
RT: 12.728 min Scan# 1604
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

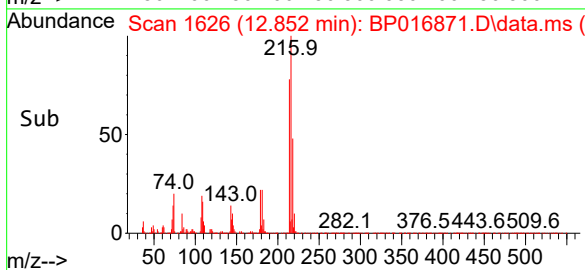
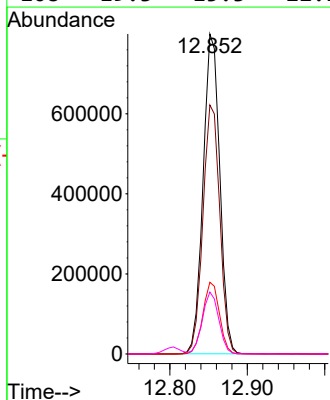
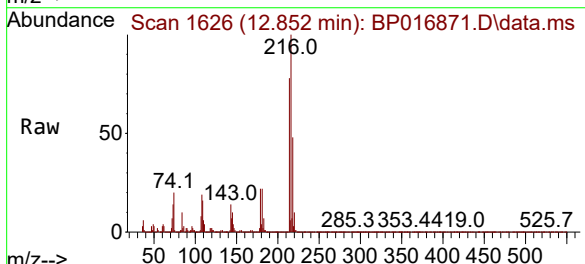
Instrument :
BNA_P
ClientSampleId :

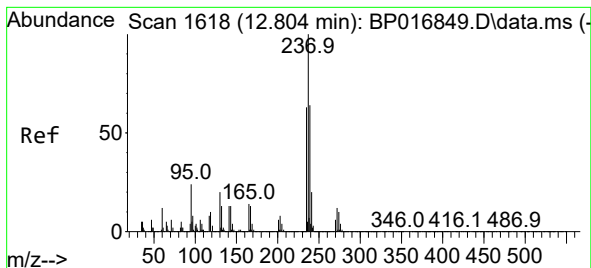
Tgt Ion:142 Resp: 2381978
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4
116 3.7 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.340 ng/ul
RT: 12.852 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:216 Resp: 1194729
Ion Ratio Lower Upper
216 100
214 77.8 63.4 95.2
179 22.4 17.4 26.2
108 19.3 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 25.771 ng/ul

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

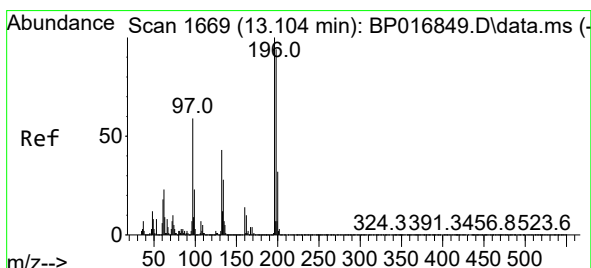
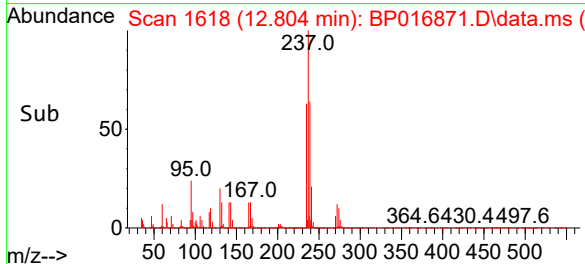
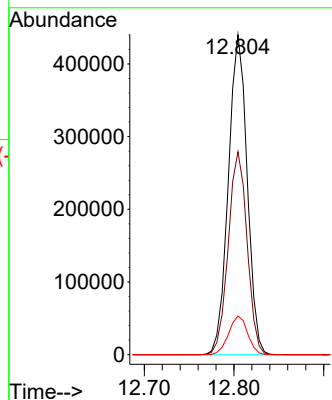
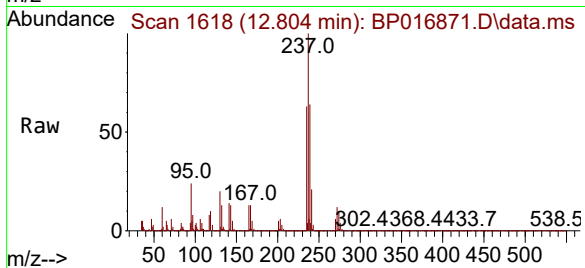
Tgt Ion:237 Resp: 640689

Ion Ratio Lower Upper

237 100

235 63.4 51.3 76.9

272 12.1 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 37.419 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

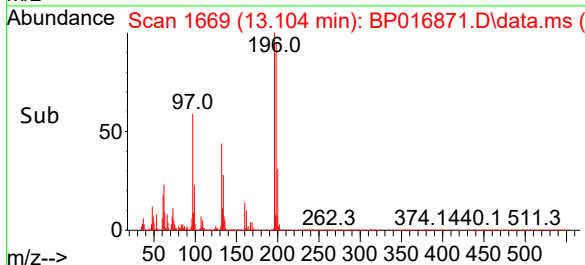
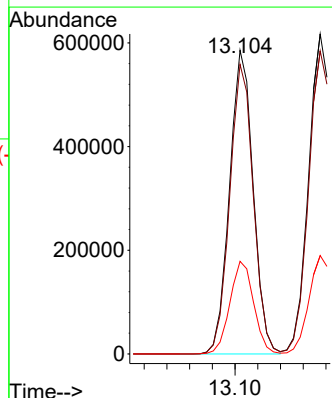
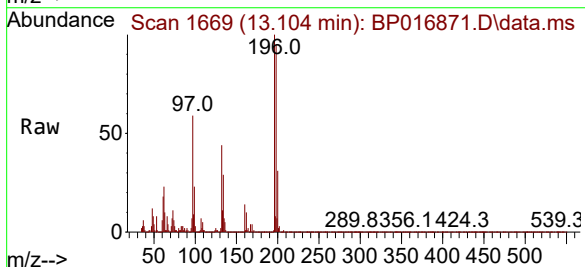
Tgt Ion:196 Resp: 844758

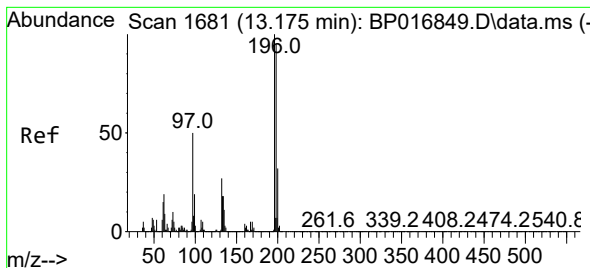
Ion Ratio Lower Upper

196 100

198 95.4 76.6 115.0

200 30.5 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 37.867 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. 0.000 min

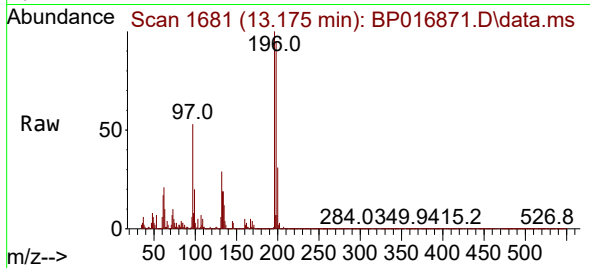
Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :



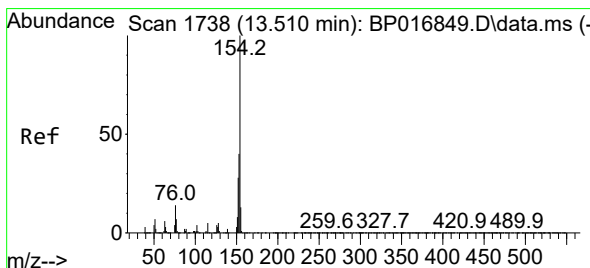
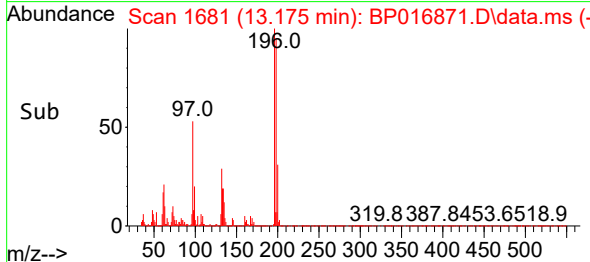
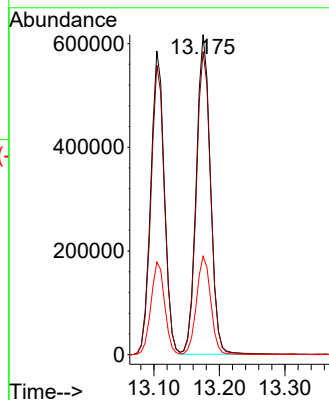
Tgt Ion:196 Resp: 925050

Ion Ratio Lower Upper

196 100

198 94.7 77.8 116.8

200 30.7 24.8 37.2



#43

1,1'-Biphenyl

Concen: 37.354 ng/ul

RT: 13.510 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

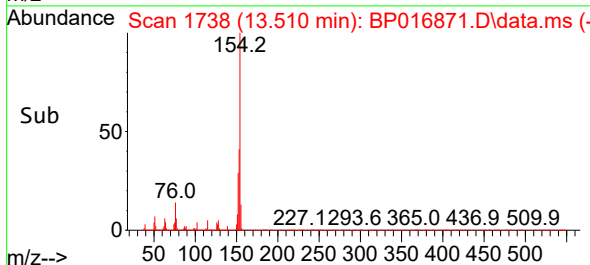
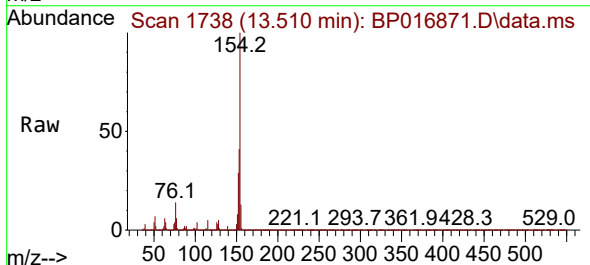
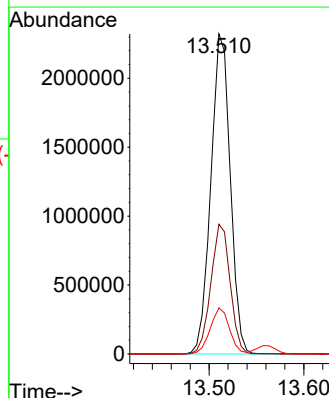
Tgt Ion:154 Resp: 3294187

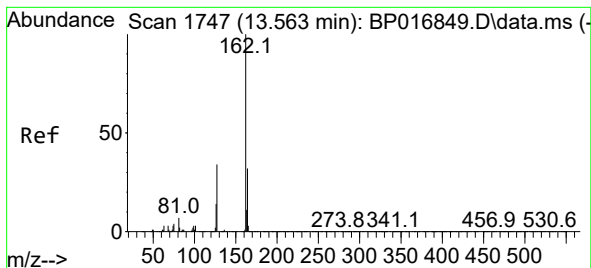
Ion Ratio Lower Upper

154 100

153 40.6 32.7 49.1

76 14.4 11.3 16.9

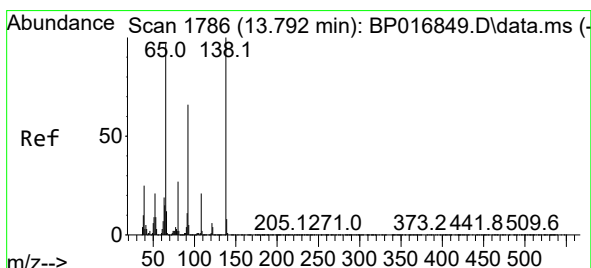
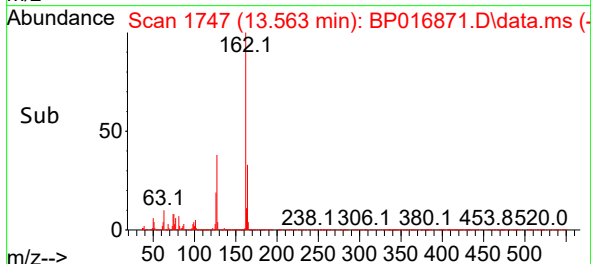
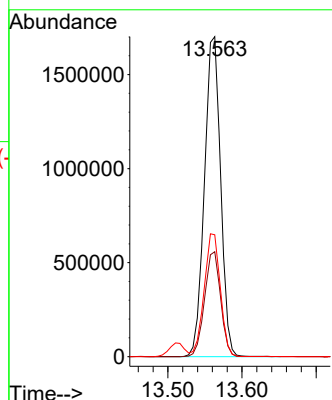
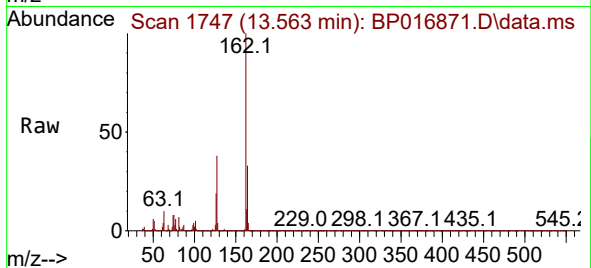




#44
2-Chloronaphthalene
Concen: 37.069 ng/ul
RT: 13.563 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

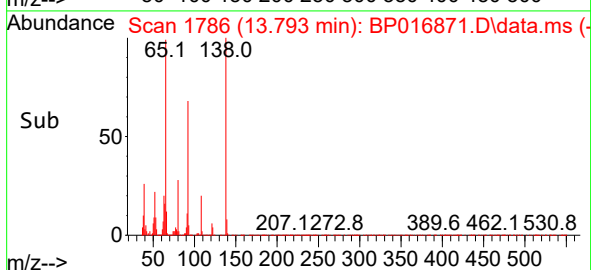
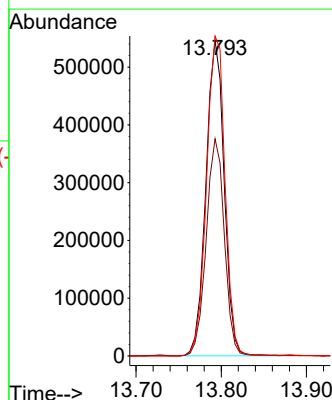
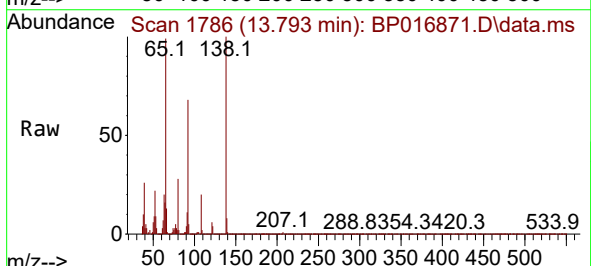
Instrument :
BNA_P
ClientSampleId :

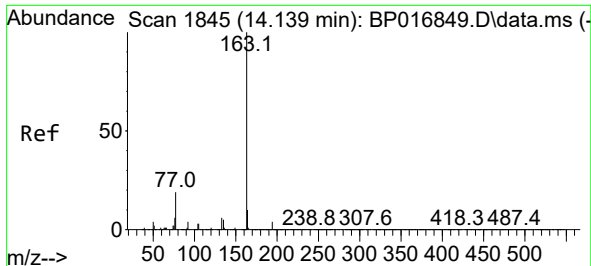
Tgt Ion:162 Resp: 2580685
Ion Ratio Lower Upper
162 100
164 32.8 26.1 39.1
127 38.1 30.8 46.2



#45
2-Nitroaniline
Concen: 38.530 ng/ul
RT: 13.793 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion: 65 Resp: 813497
Ion Ratio Lower Upper
65 100
92 68.8 53.8 80.8
138 101.4 80.7 121.1

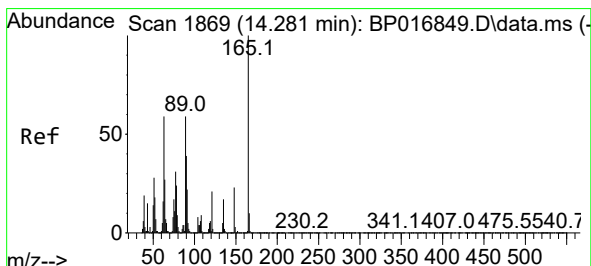
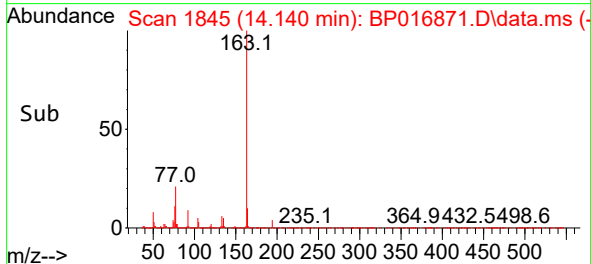
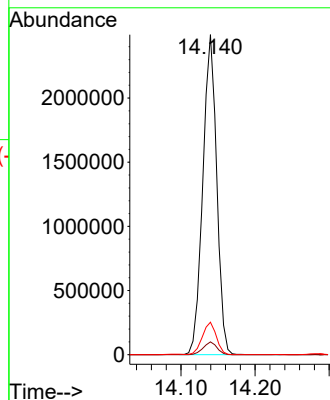
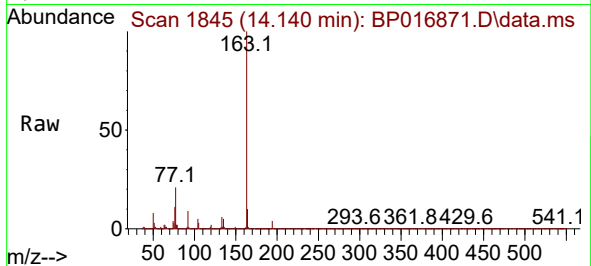




#47
Dimethylphthalate
Concen: 35.803 ng/ul
RT: 14.140 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

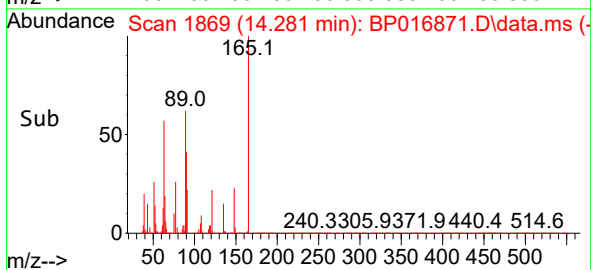
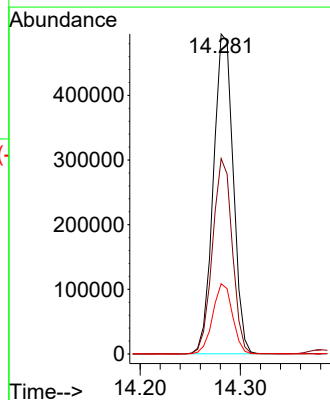
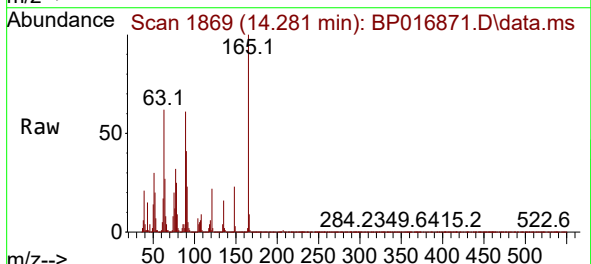
Instrument :
BNA_P
ClientSampleId :

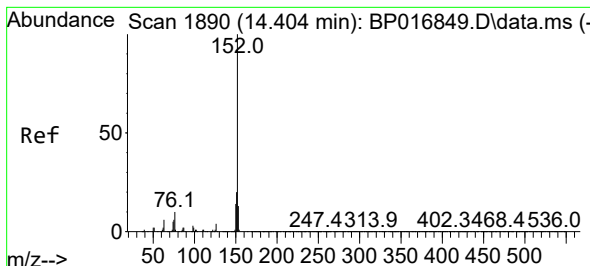
Tgt Ion:163 Resp: 3243436
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 38.307 ng/ul
RT: 14.281 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:165 Resp: 680000
Ion Ratio Lower Upper
165 100
89 61.0 48.0 72.0
121 21.9 16.9 25.3





#50

Acenaphthylene

Concen: 34.932 ng/ul

RT: 14.410 min Scan# 1890

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

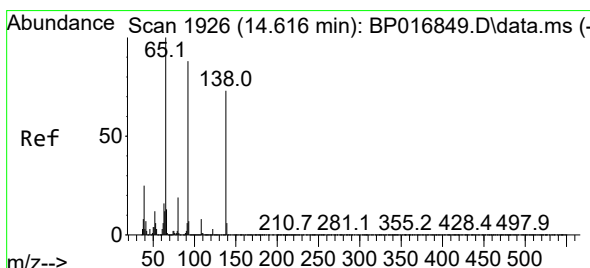
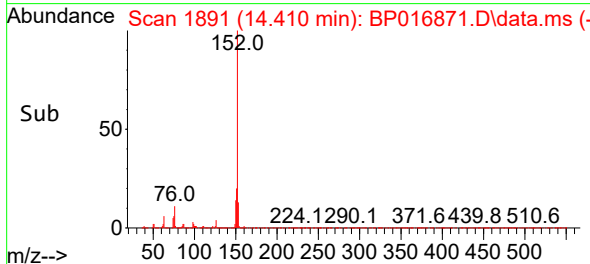
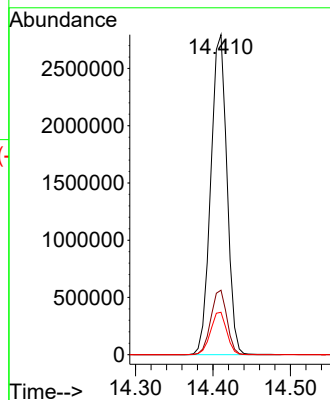
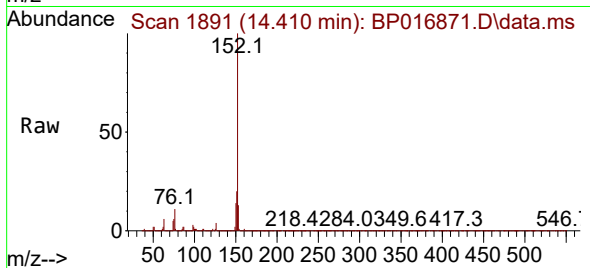
Tgt Ion:152 Resp: 4042999

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.3 10.6 15.8



#51

3-Nitroaniline

Concen: 38.517 ng/ul

RT: 14.622 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

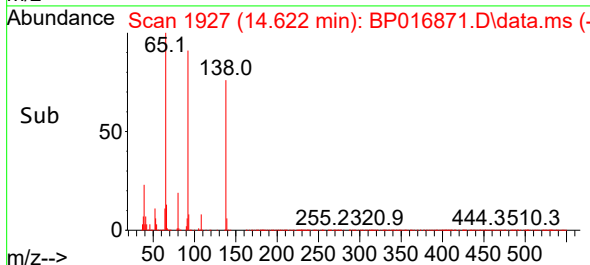
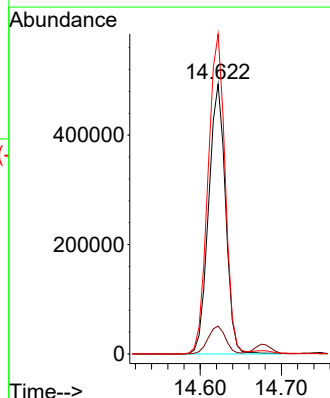
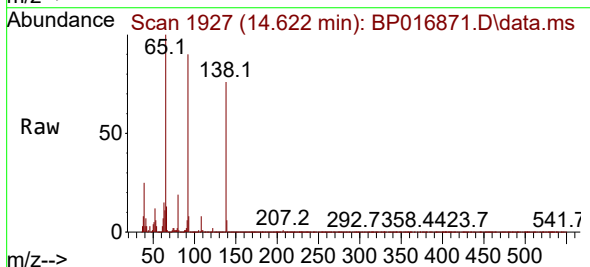
Tgt Ion:138 Resp: 711960

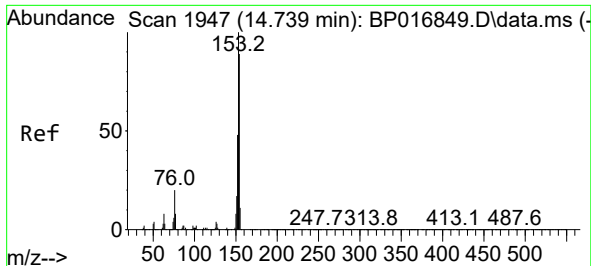
Ion Ratio Lower Upper

138 100

108 10.3 8.2 12.4

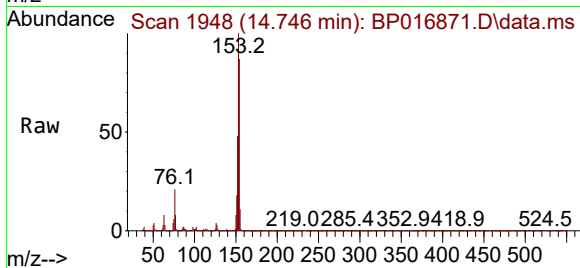
92 118.5 95.4 143.0



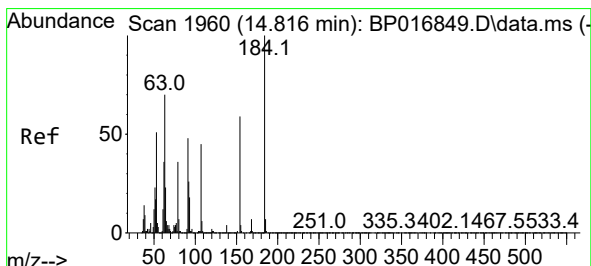
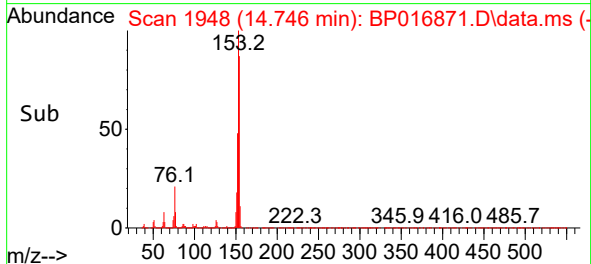
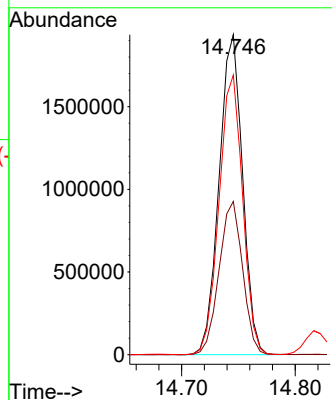


#52
Acenaphthene
Concen: 36.285 ng/ul
RT: 14.746 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Instrument :
BNA_P
ClientSampleId :

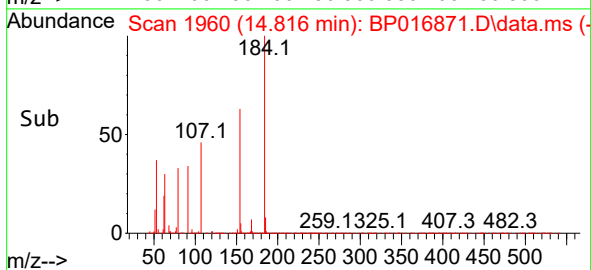
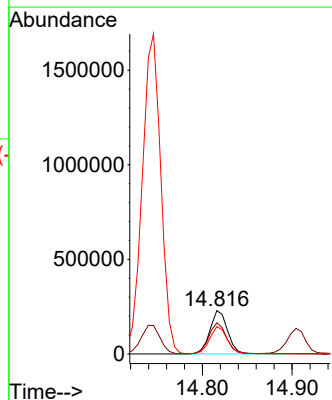
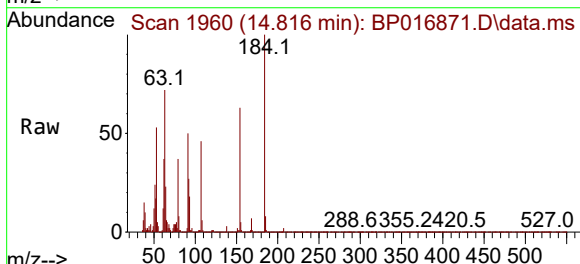


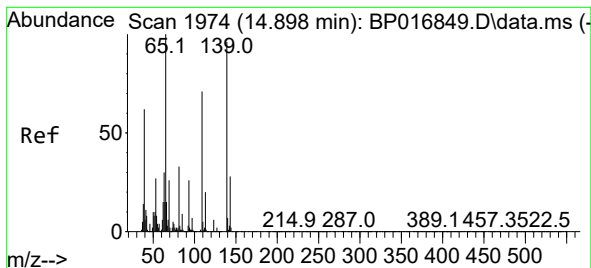
Tgt Ion:153 Resp: 2778361
Ion Ratio Lower Upper
153 100
152 47.9 38.5 57.7
154 87.4 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 24.504 ng/ul
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:184 Resp: 316082
Ion Ratio Lower Upper
184 100
63 71.6 55.3 82.9
154 63.0 50.3 75.5

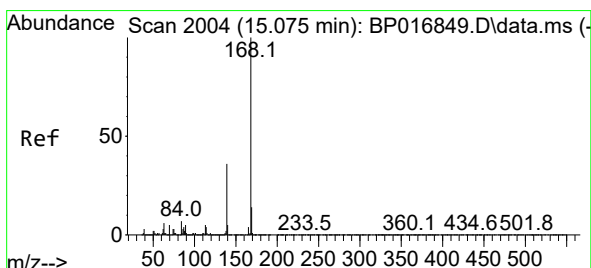
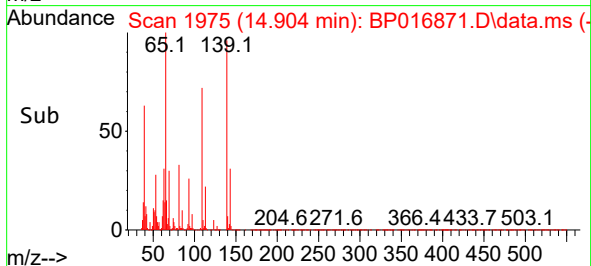
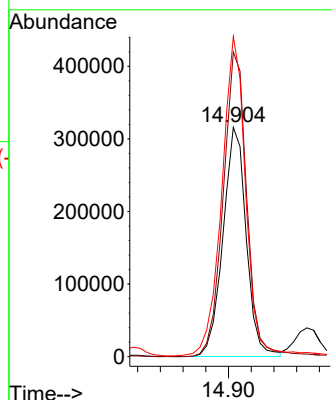
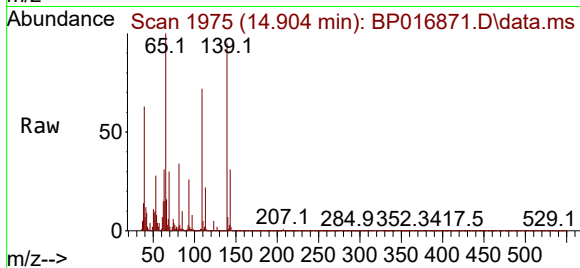




#55
4-Nitrophenol
Concen: 32.093 ng/ul
RT: 14.904 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

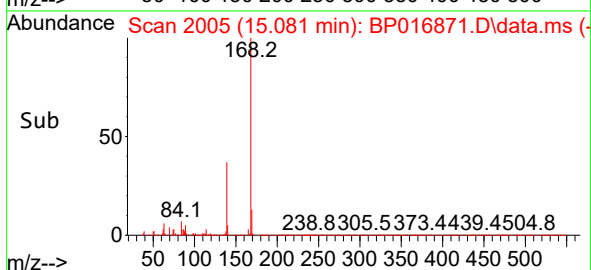
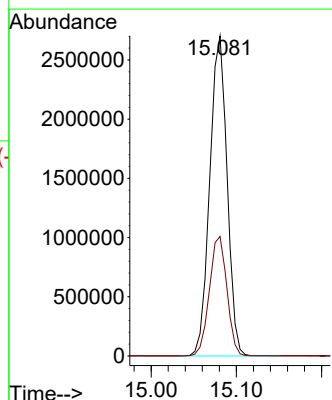
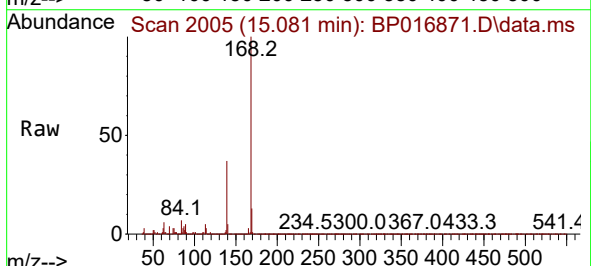
Instrument :
BNA_P
ClientSampleId :

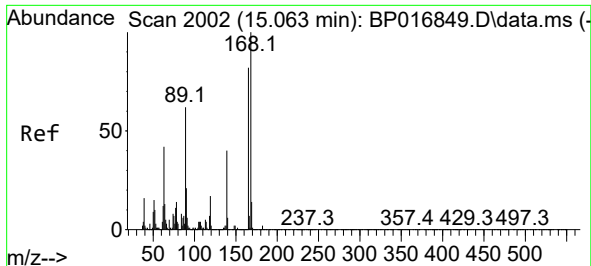
Tgt Ion:109 Resp: 448104
Ion Ratio Lower Upper
109 100
139 132.8 108.6 163.0
65 139.5 107.8 161.6



#56
Dibenzofuran
Concen: 36.315 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

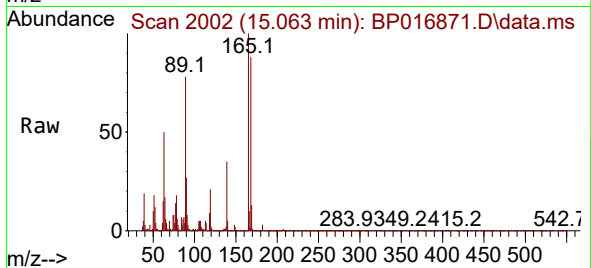
Tgt Ion:168 Resp: 3815317
Ion Ratio Lower Upper
168 100
139 37.3 29.2 43.8



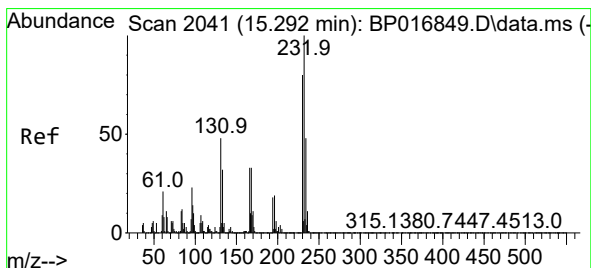
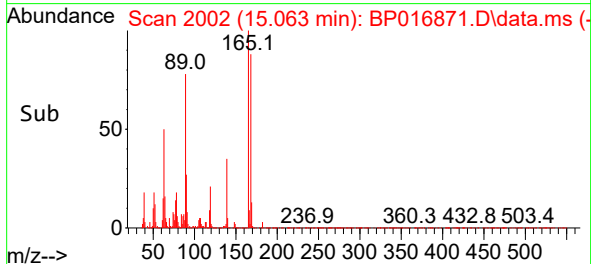
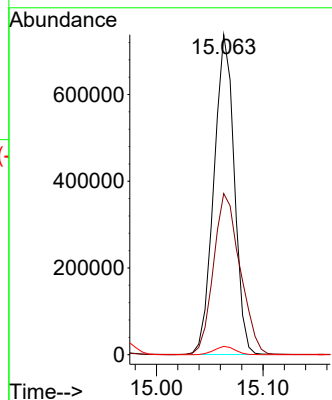


#57
2,4-Dinitrotoluene
Concen: 37.524 ng/ul
RT: 15.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Instrument :
BNA_P
ClientSampleId :

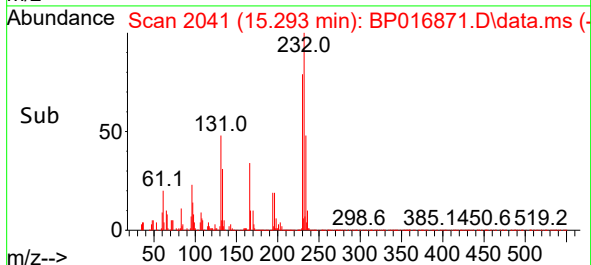
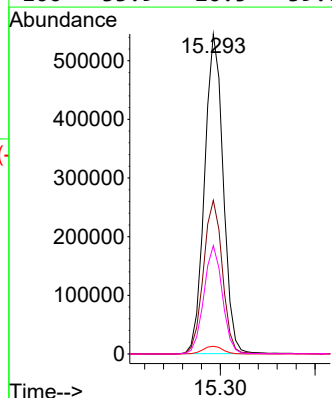
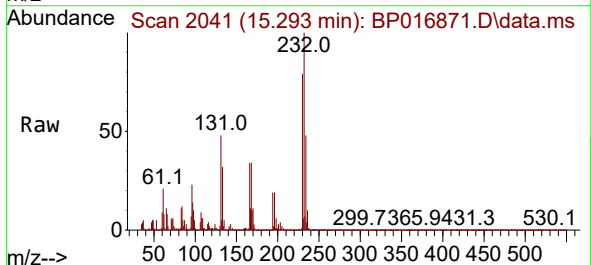


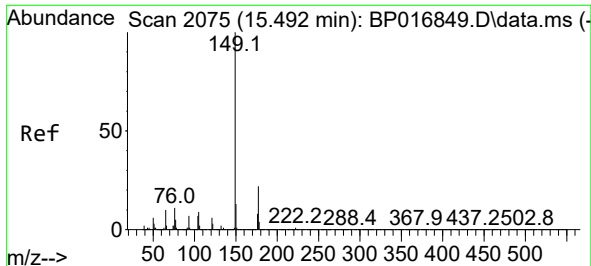
Tgt Ion:165 Resp: 980444
Ion Ratio Lower Upper
165 100
63 50.4 39.0 58.4
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.716 ng/ul
RT: 15.293 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:232 Resp: 742781
Ion Ratio Lower Upper
232 100
131 48.0 38.1 57.1
130 2.4 1.9 2.9
166 33.9 26.5 39.7





#59

Diethylphthalate

Concen: 36.018 ng/ul

RT: 15.493 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

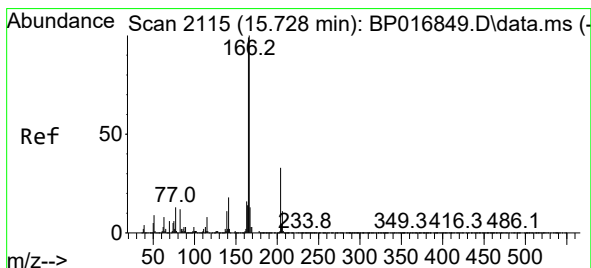
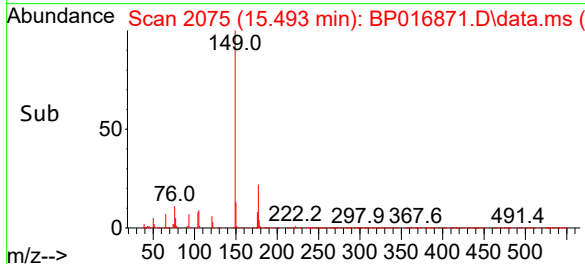
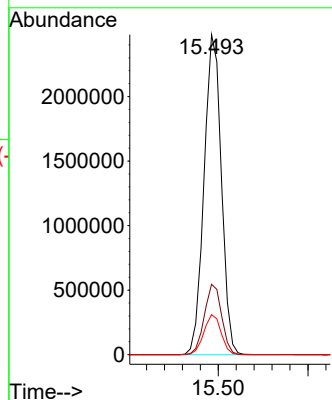
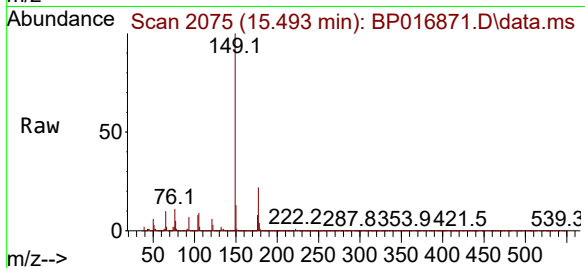
Tgt Ion:149 Resp: 3314801

Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

150 12.5 10.2 15.2



#61

Fluorene

Concen: 36.204 ng/ul

RT: 15.734 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

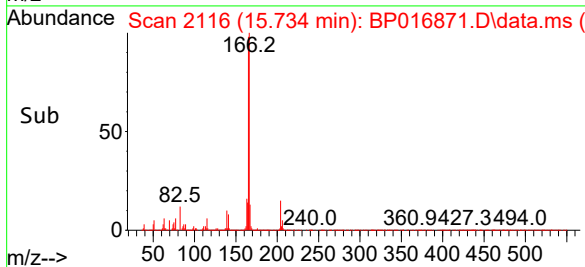
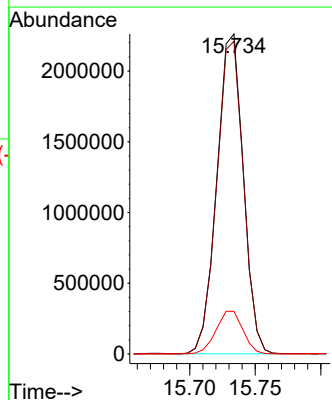
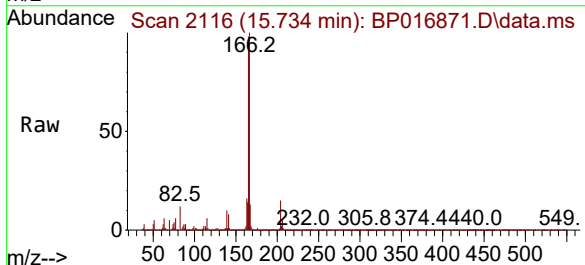
Tgt Ion:166 Resp: 3181489

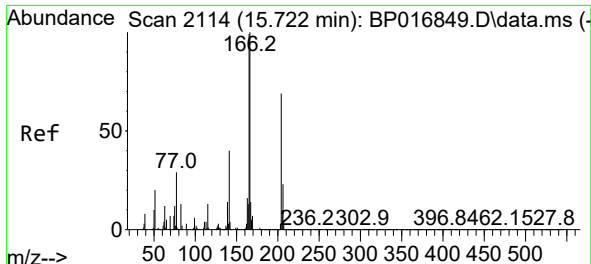
Ion Ratio Lower Upper

166 100

165 97.7 78.8 118.2

167 13.3 10.9 16.3

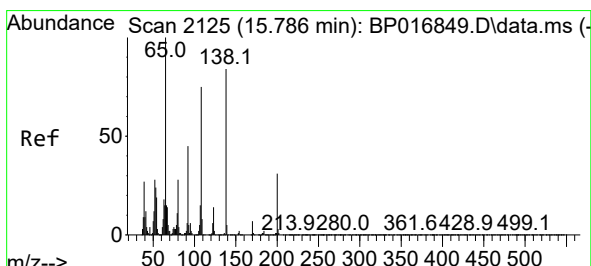
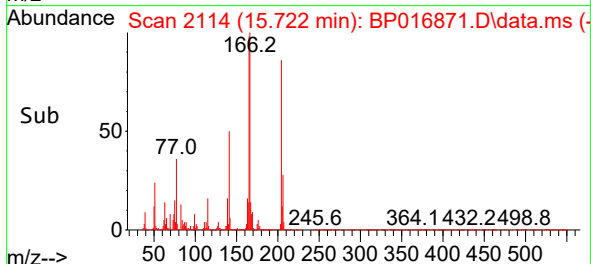
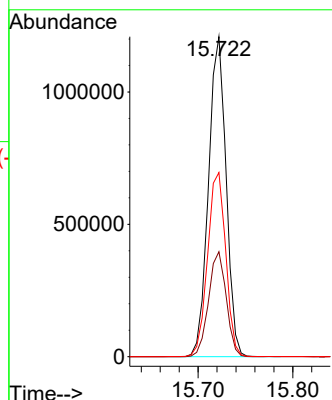
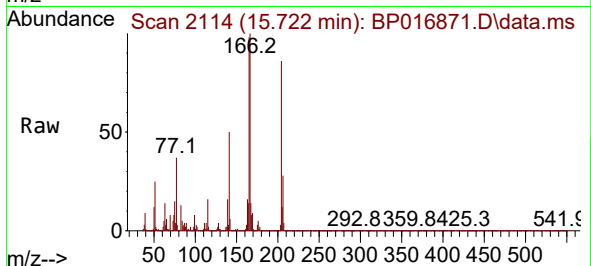




#62
4-Chlorophenyl-phenylether
Concen: 36.076 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

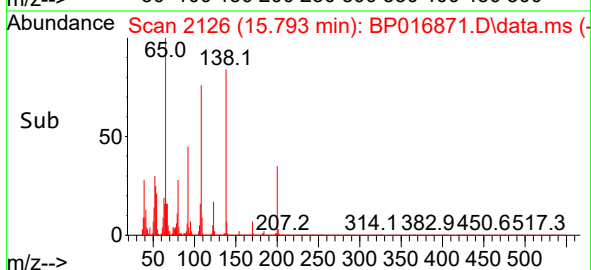
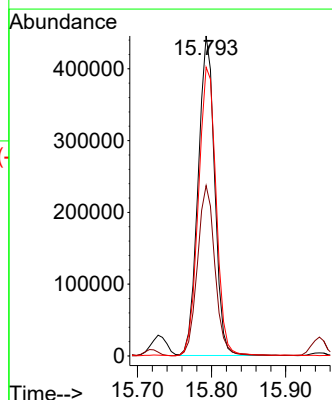
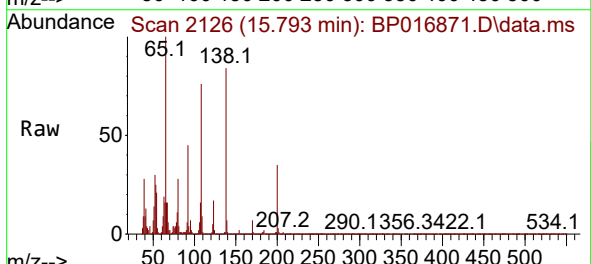
Instrument :
BNA_P
ClientSampleId :

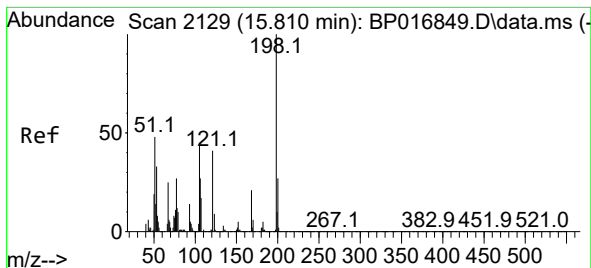
Tgt Ion:204 Resp: 1556503
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 57.6 46.8 70.2



#63
4-Nitroaniline
Concen: 39.223 ng/ul
RT: 15.793 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:138 Resp: 689881
Ion Ratio Lower Upper
138 100
92 53.3 41.6 62.4
108 90.3 74.9 112.3

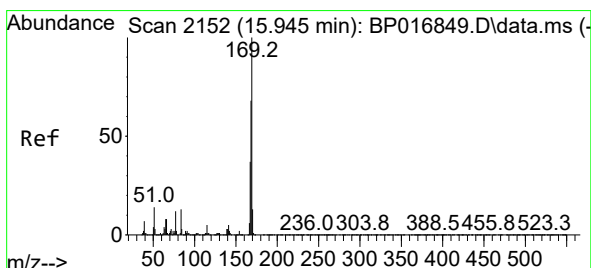
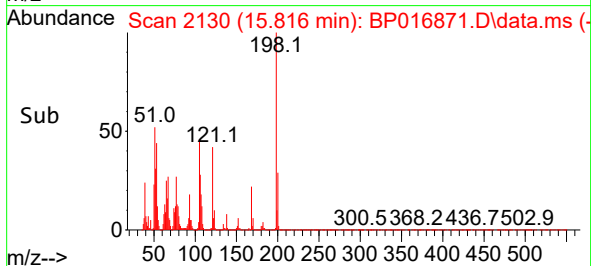
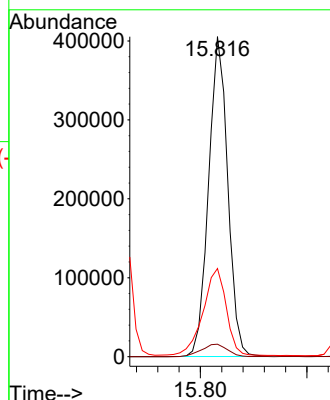
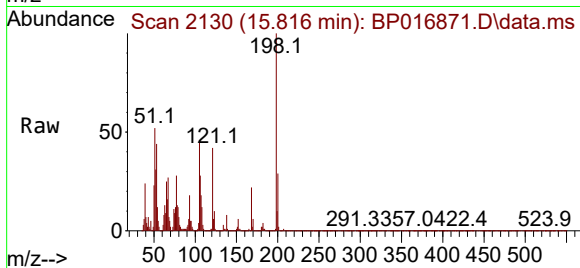




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.865 ng/ul
 RT: 15.816 min Scan# 2129
 Delta R.T. 0.006 min
 Lab File: BP016871.D
 Acq: 30 Aug 2023 14:21

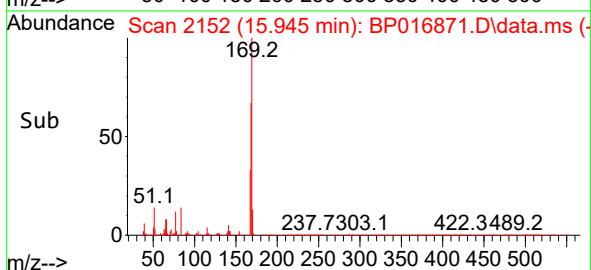
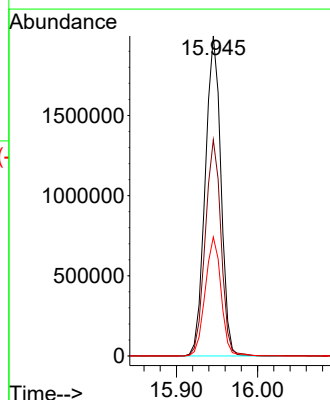
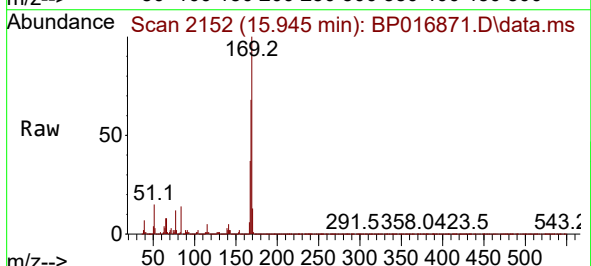
Instrument :
 BNA_P
 ClientSampleId :

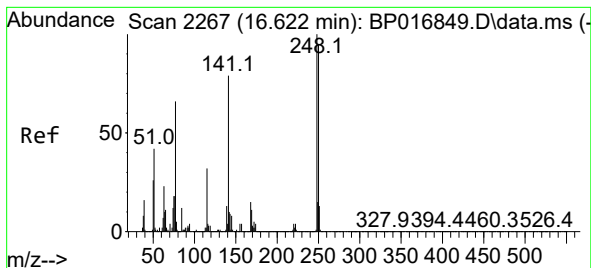
Tgt Ion:198 Resp: 504525
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.2 4.8
 77 27.5 20.7 31.1



#67
 N-Nitrosodiphenylamine
 Concen: 37.948 ng/ul
 RT: 15.945 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BP016871.D
 Acq: 30 Aug 2023 14:21

Tgt Ion:169 Resp: 2672117
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.2 81.2
 167 37.2 29.4 44.2

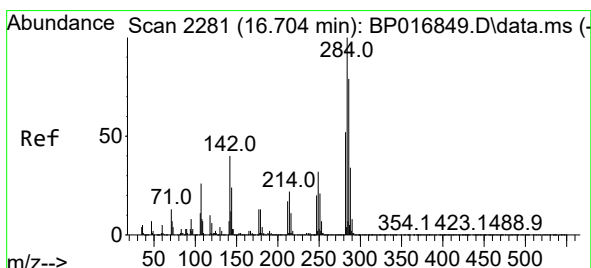
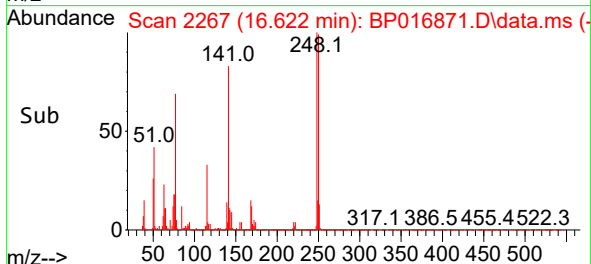
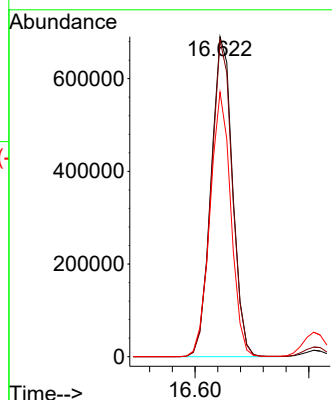
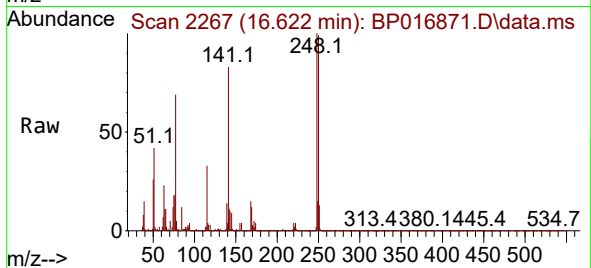




#68
4-Bromophenyl-phenylether
Concen: 37.069 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

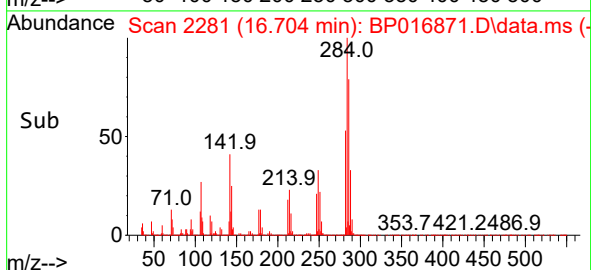
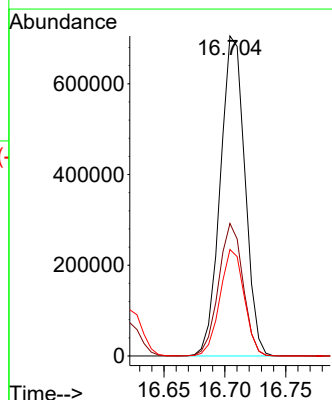
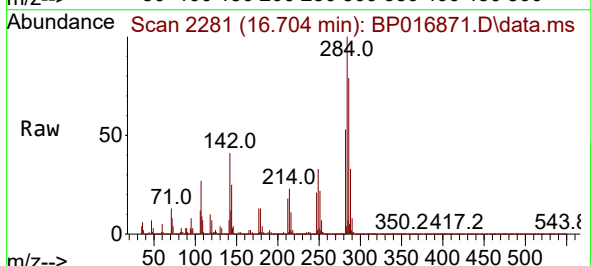
Instrument :
BNA_P
ClientSampleId :

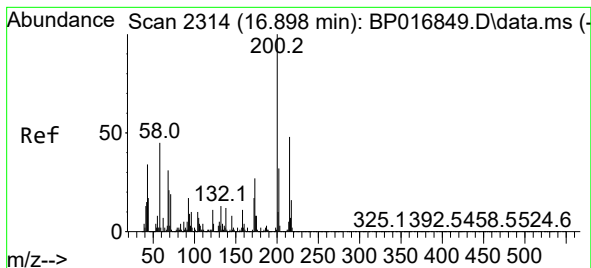
Tgt Ion:248 Resp: 904818
Ion Ratio Lower Upper
248 100
250 98.9 75.4 113.2
141 82.7 58.7 88.1



#69
Hexachlorobenzene
Concen: 36.269 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP016871.D
Acq: 30 Aug 2023 14:21

Tgt Ion:284 Resp: 991212
Ion Ratio Lower Upper
284 100
142 41.4 29.8 44.8
249 33.2 25.9 38.9





#70

Atrazine

Concen: 22.164 ng/ul

RT: 16.898 min Scan# 2314

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

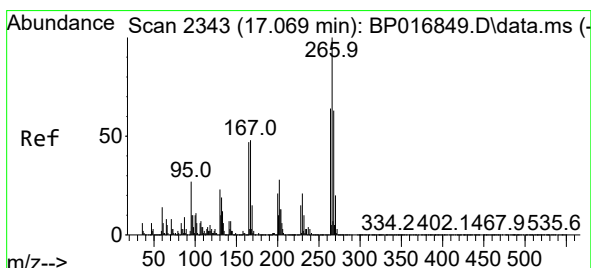
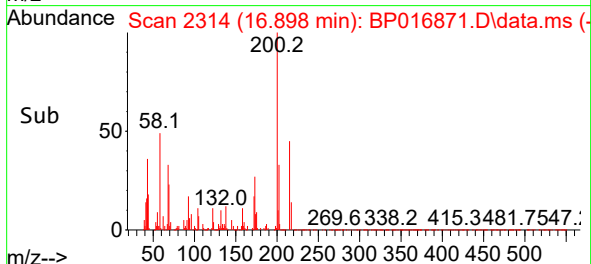
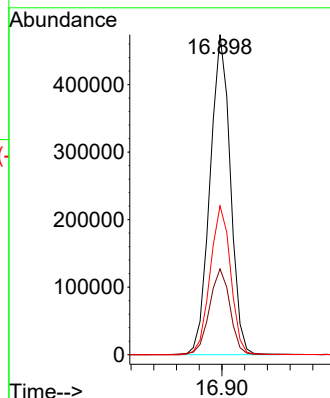
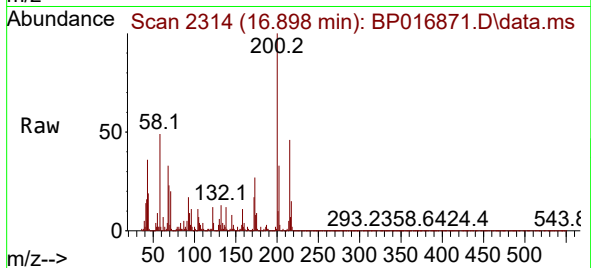
Tgt Ion:200 Resp: 588385

Ion Ratio Lower Upper

200 100

173 26.8 21.4 32.2

215 46.5 37.3 55.9



#71

Pentachlorophenol

Concen: 28.975 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

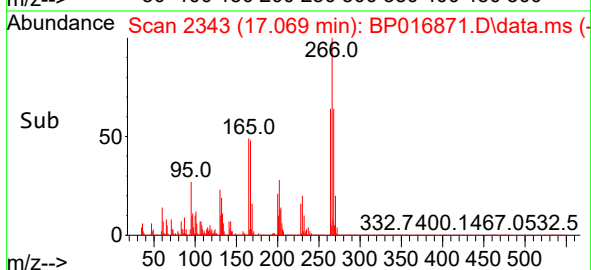
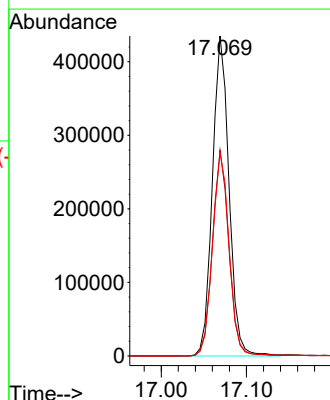
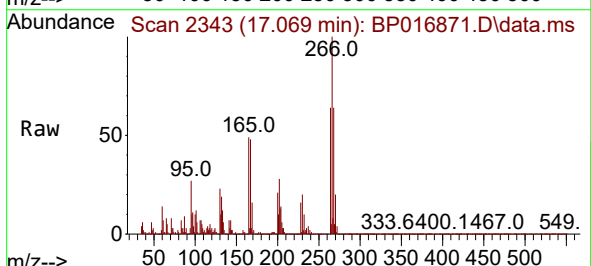
Tgt Ion:266 Resp: 587828

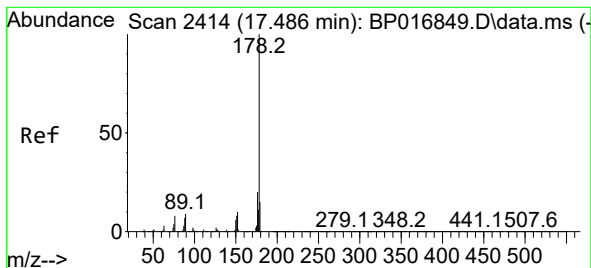
Ion Ratio Lower Upper

266 100

264 64.2 50.7 76.1

268 63.6 50.8 76.2





#72

Phenanthrene

Concen: 36.927 ng/ul

RT: 17.492 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

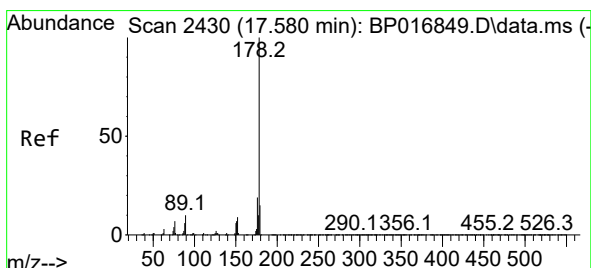
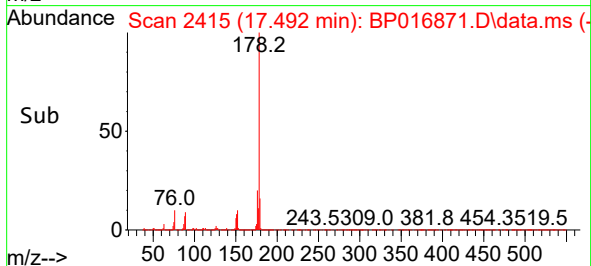
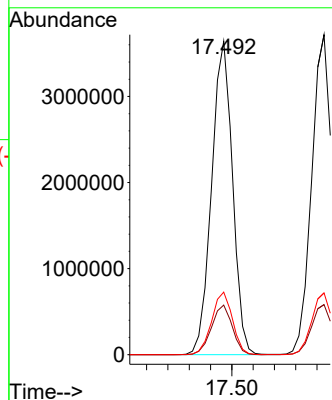
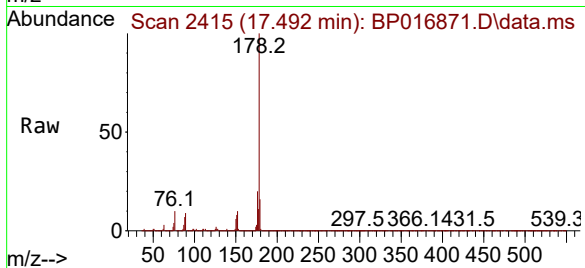
Tgt Ion:178 Resp: 4949306

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.9 15.6 23.4



#74

Anthracene

Concen: 36.715 ng/ul

RT: 17.587 min Scan# 2431

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

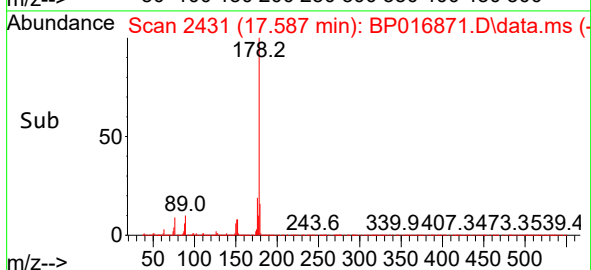
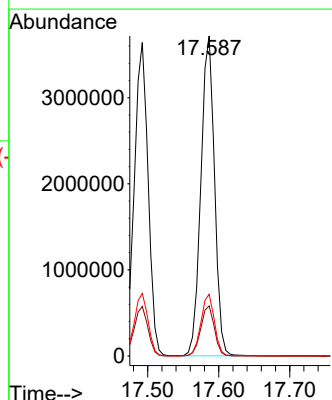
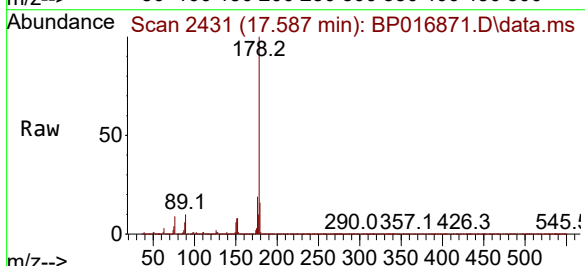
Tgt Ion:178 Resp: 4975702

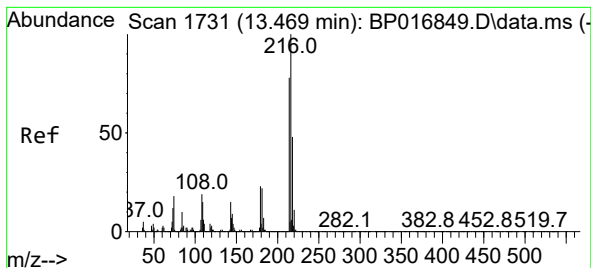
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.3 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.524 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

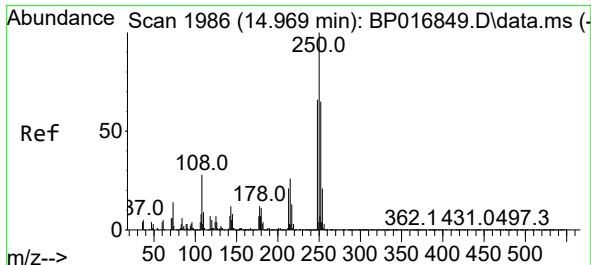
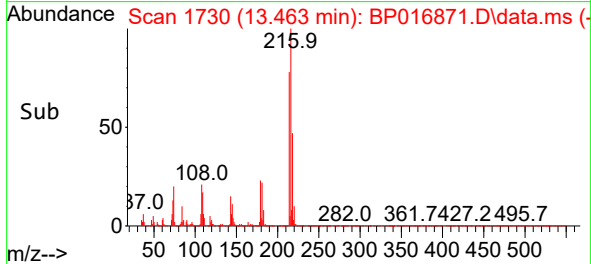
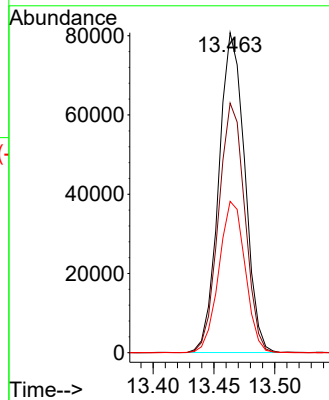
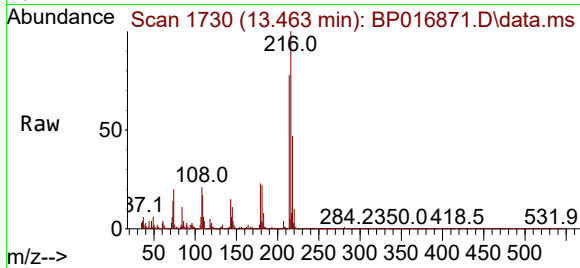
Tgt Ion:216 Resp: 120123

Ion Ratio Lower Upper

216 100

214 78.0 64.0 96.0

218 47.3 38.2 57.2



#76

Pentachlorobenzene

Concen: 39.423 ng/uL

RT: 14.969 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

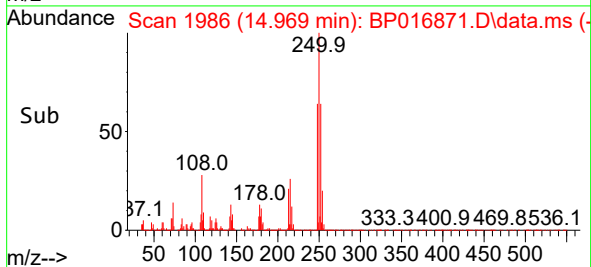
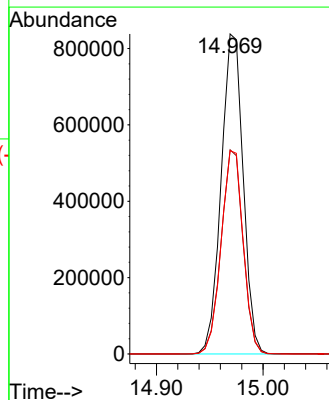
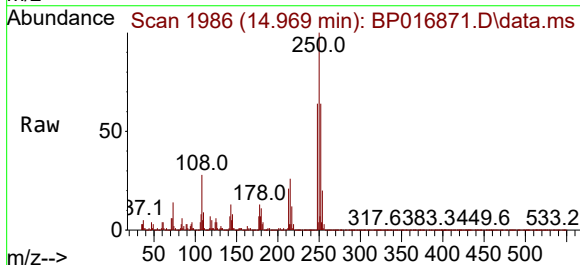
Tgt Ion:250 Resp: 1200982

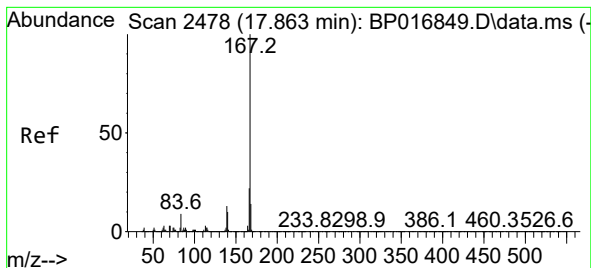
Ion Ratio Lower Upper

250 100

248 63.8 50.9 76.3

252 63.5 52.2 78.4





#77

Carbazole

Concen: 36.562 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

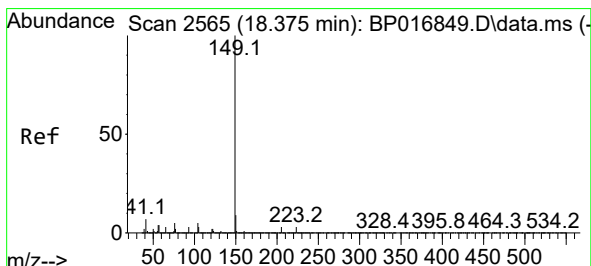
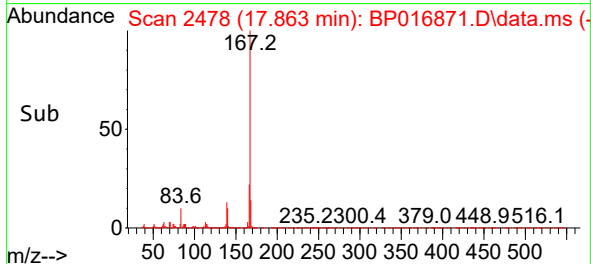
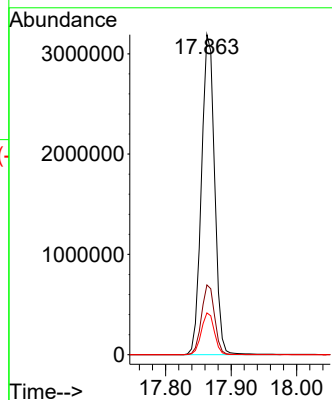
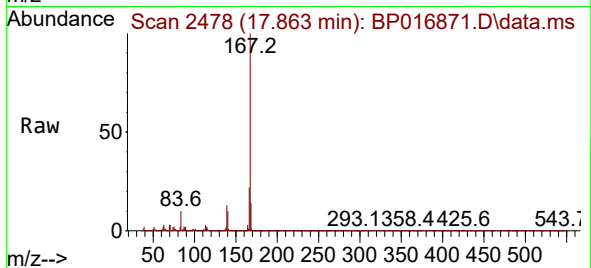
Tgt Ion:167 Resp: 4462516

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.1 10.4 15.6



#78

Di-n-butylphthalate

Concen: 37.633 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

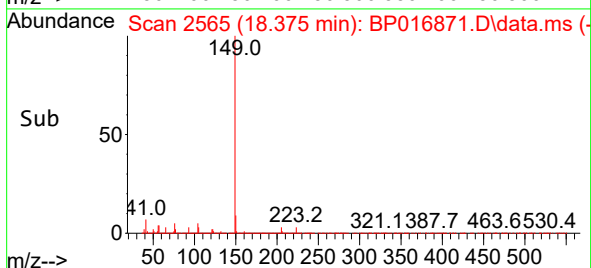
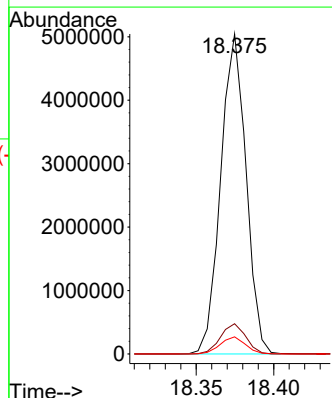
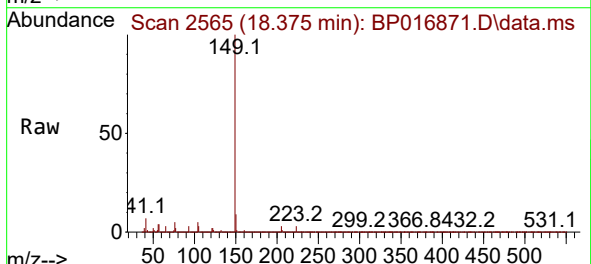
Tgt Ion:149 Resp: 5730544

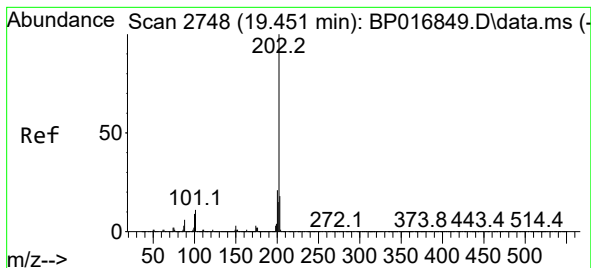
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.3 4.1 6.1





#80

Fluoranthene

Concen: 45.049 ng/ul

RT: 19.451 min Scan# 2748

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

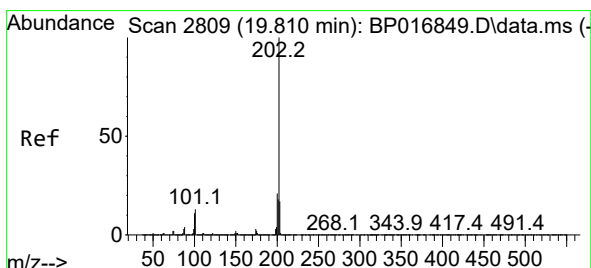
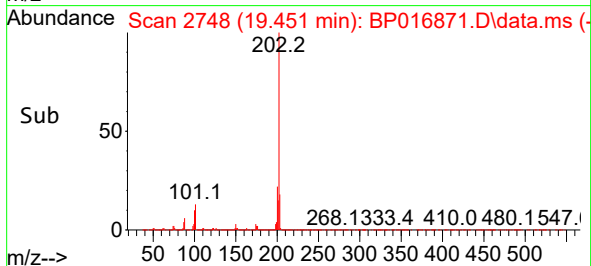
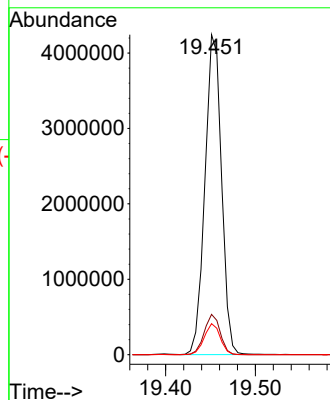
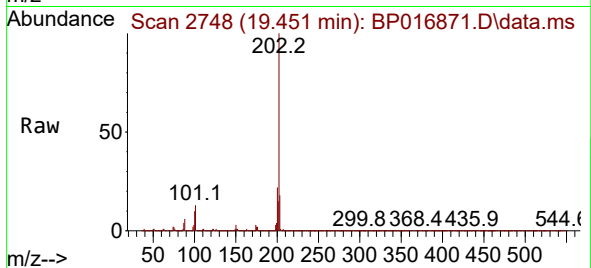
Tgt Ion:202 Resp: 5446607

Ion Ratio Lower Upper

202 100

101 12.6 9.7 14.5

100 9.7 7.4 11.2



#82

Pyrene

Concen: 44.154 ng/ul

RT: 19.810 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

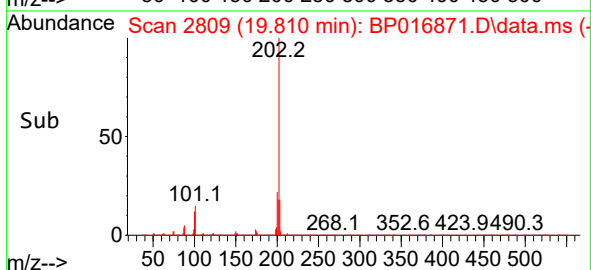
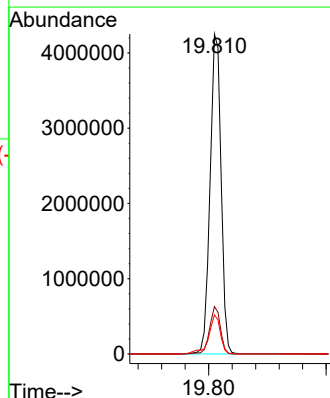
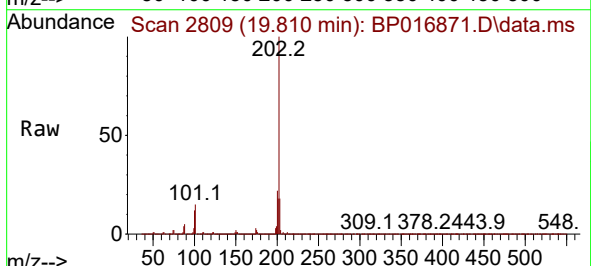
Tgt Ion:202 Resp: 5514361

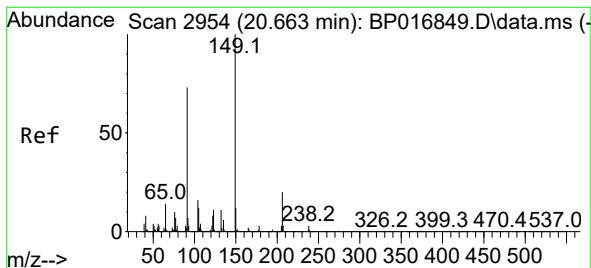
Ion Ratio Lower Upper

202 100

101 14.8 11.4 17.2

100 12.2 9.4 14.2





#83

Butylbenzylphthalate

Concen: 44.246 ng/ul

RT: 20.669 min Scan# 2954

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

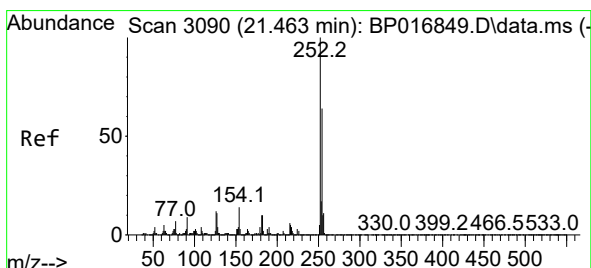
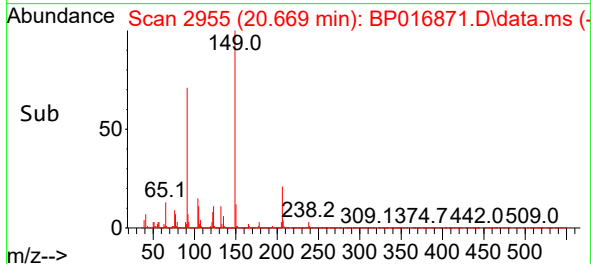
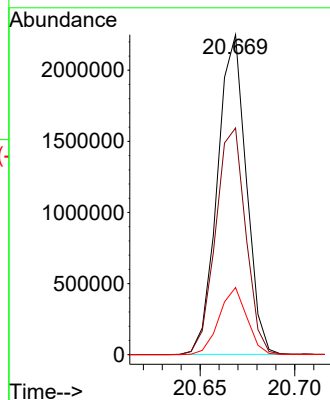
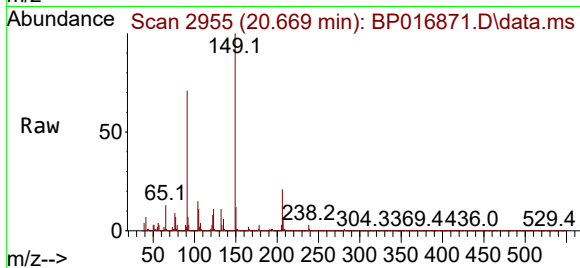
Tgt Ion:149 Resp: 2383120

Ion Ratio Lower Upper

149 100

91 70.8 58.5 87.7

206 21.0 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 37.416 ng/ul

RT: 21.469 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

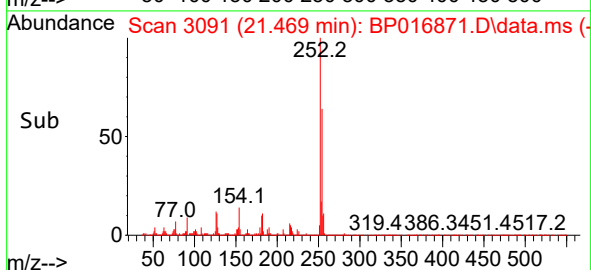
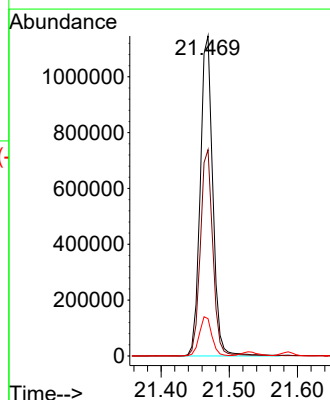
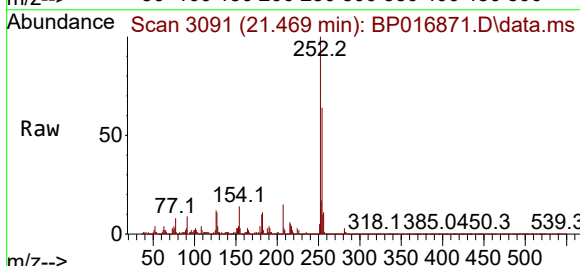
Tgt Ion:252 Resp: 1465575

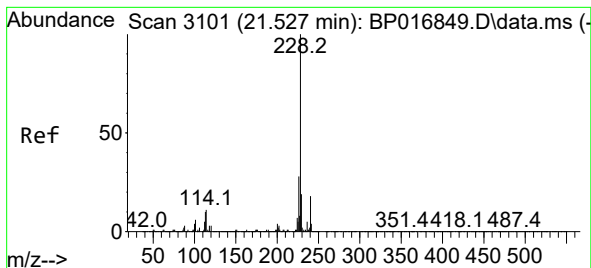
Ion Ratio Lower Upper

252 100

254 64.5 52.1 78.1

126 11.7 9.6 14.4





#85

Benzo(a)anthracene

Concen: 37.307 ng/ul

RT: 21.528 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

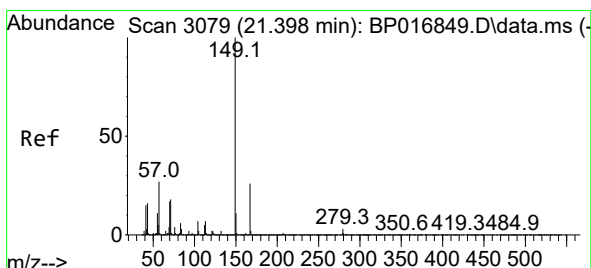
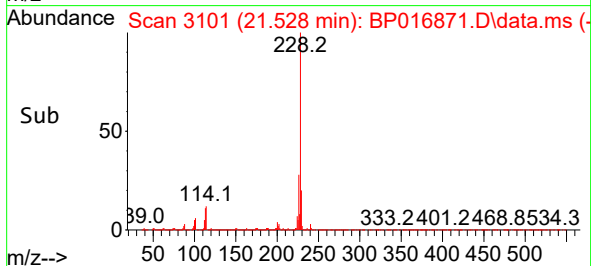
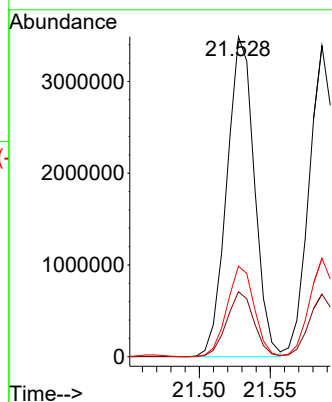
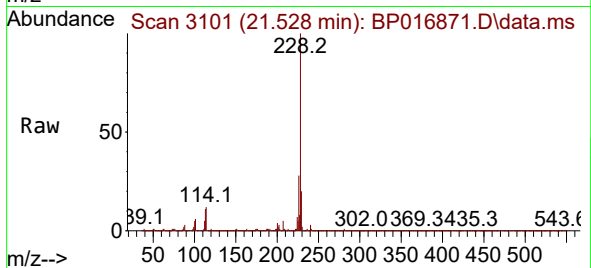
Tgt Ion:228 Resp: 4709175

Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.4

226 28.3 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.697 ng/ul

RT: 21.404 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

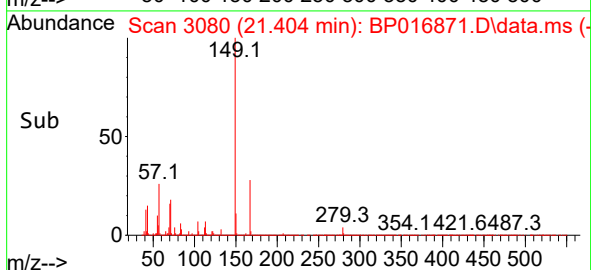
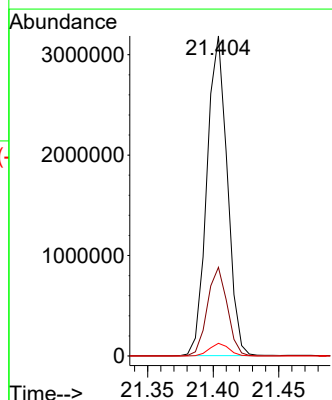
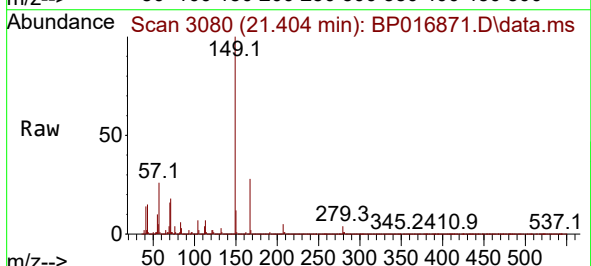
Tgt Ion:149 Resp: 3436504

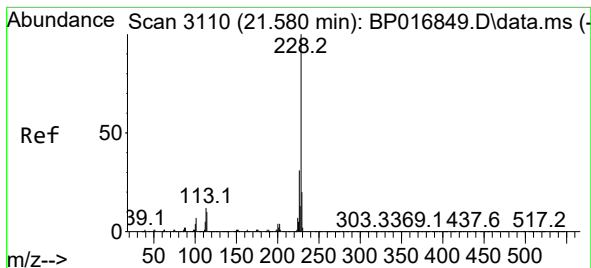
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.0 3.0 4.4





#87

Chrysene

Concen: 37.624 ng/ul

RT: 21.586 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

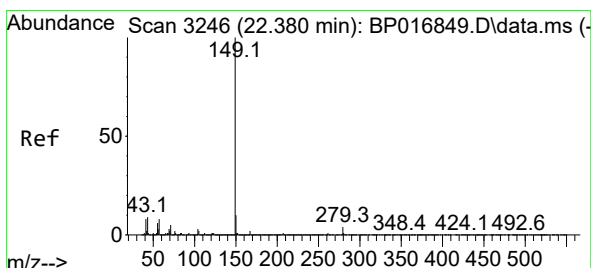
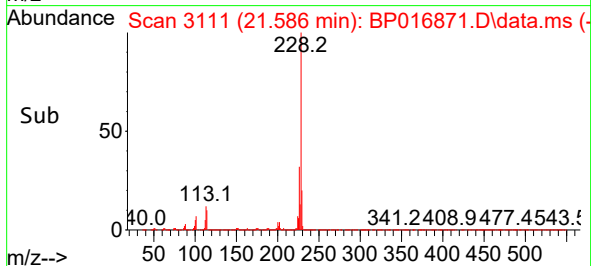
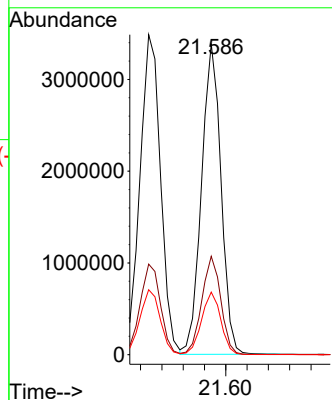
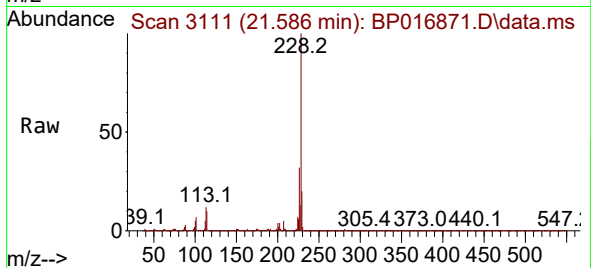
Tgt Ion:228 Resp: 4314000

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.4

229 20.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 40.022 ng/ul

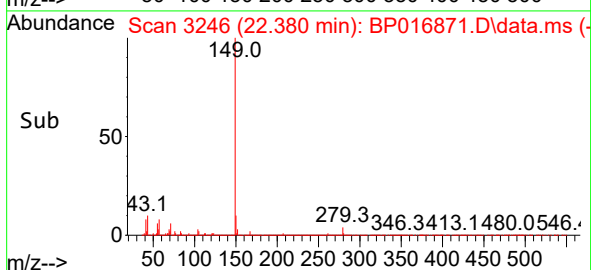
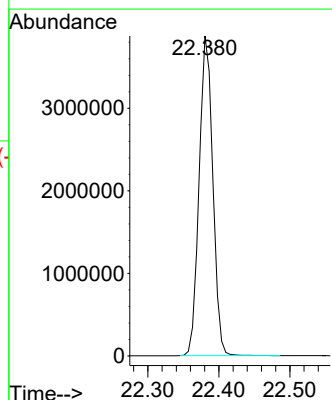
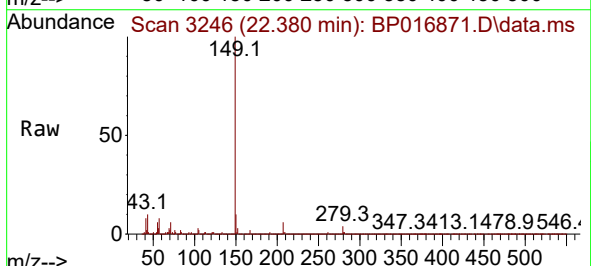
RT: 22.380 min Scan# 3246

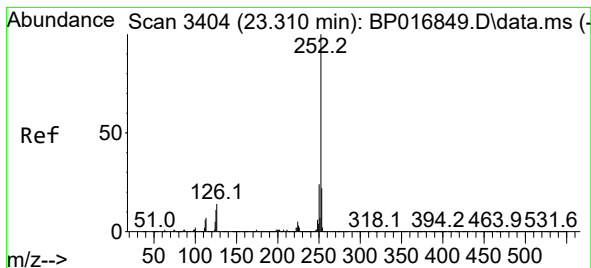
Delta R.T. 0.000 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Tgt Ion:149 Resp: 5209738





#90

Benzo(b)fluoranthene

Concen: 37.362 ng/ul

RT: 23.316 min Scan# 3404

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

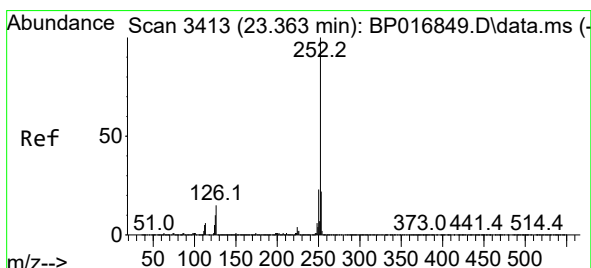
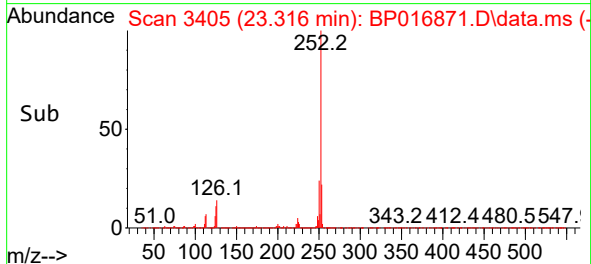
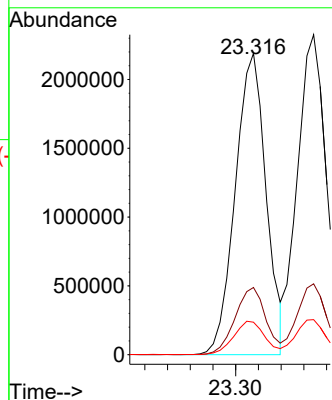
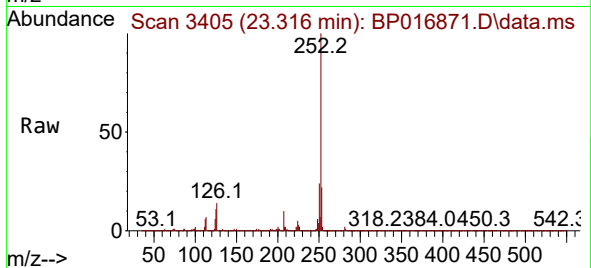
Tgt Ion:252 Resp: 4124016

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.8 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 37.943 ng/ul

RT: 23.369 min Scan# 3414

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

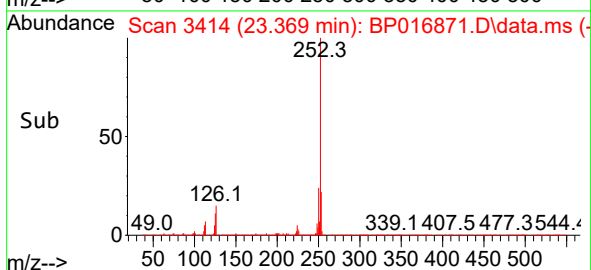
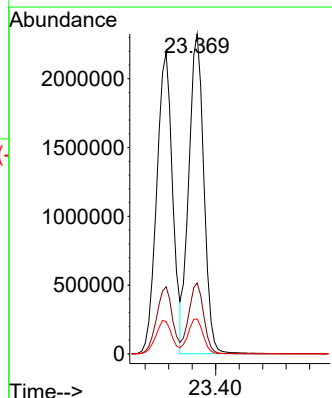
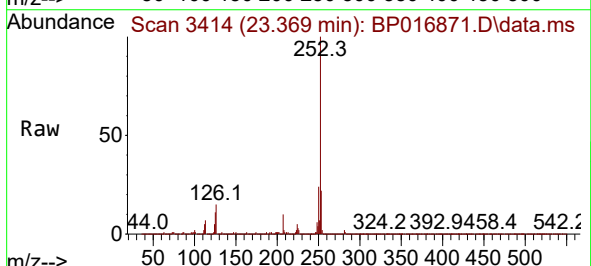
Tgt Ion:252 Resp: 4142011

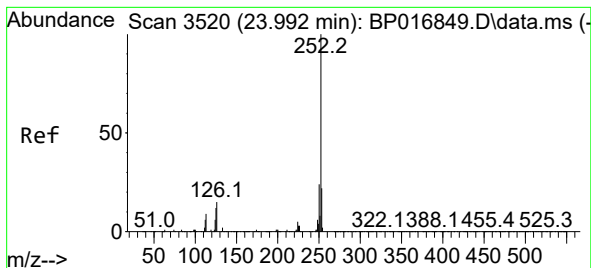
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 10.9 8.9 13.3





#93

Benzo(a)pyrene

Concen: 36.534 ng/ul

RT: 23.998 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

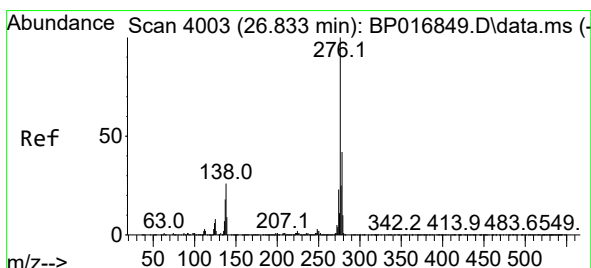
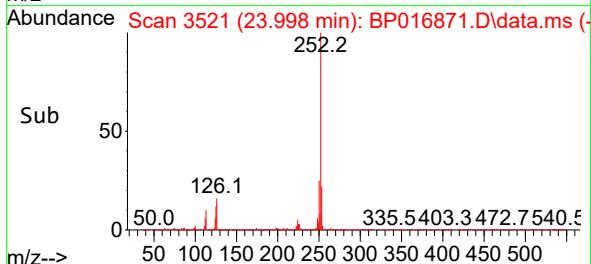
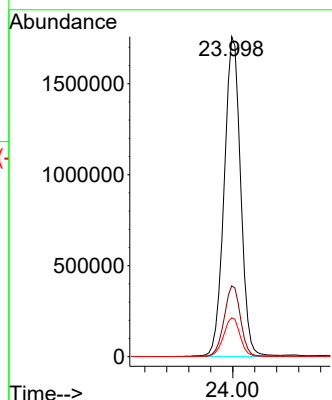
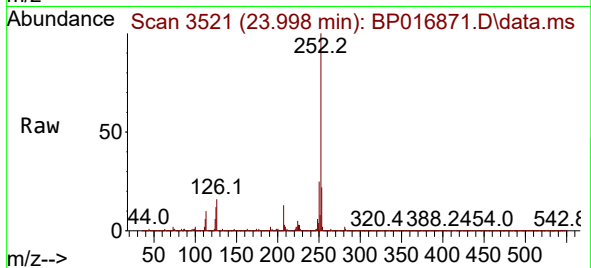
Tgt Ion:252 Resp: 3647626

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 12.2 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 44.483 ng/ul

RT: 26.845 min Scan# 4005

Delta R.T. 0.012 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

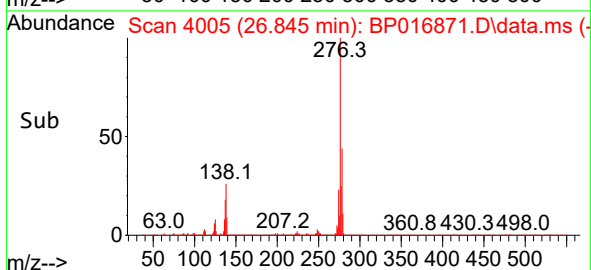
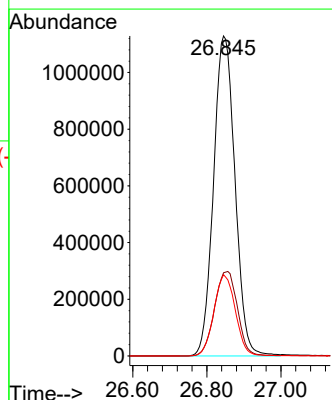
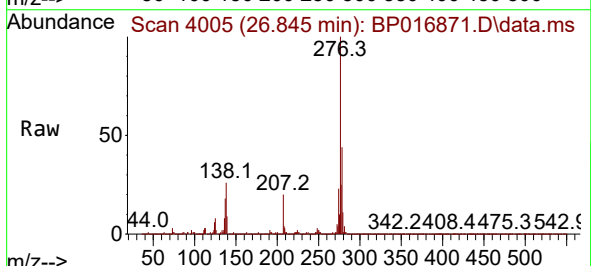
Tgt Ion:276 Resp: 4538353

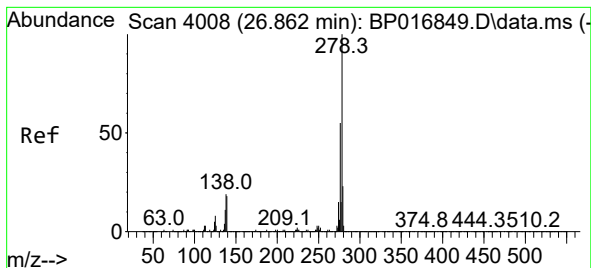
Ion Ratio Lower Upper

276 100

138 26.0 20.9 31.3

277 25.4 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 44.007 ng/ul

RT: 26.874 min Scan# 4008

Delta R.T. 0.012 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Instrument :

BNA_P

ClientSampleId :

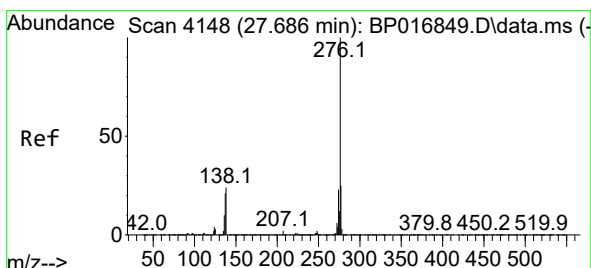
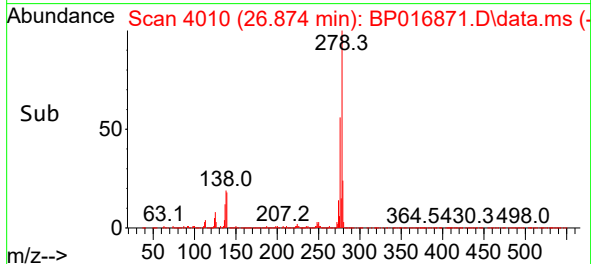
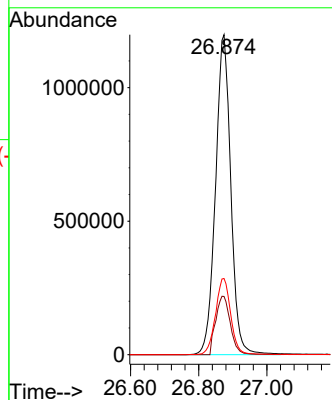
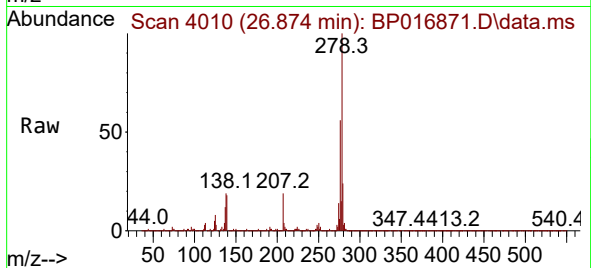
Tgt Ion:278 Resp: 3729085

Ion Ratio Lower Upper

278 100

139 18.2 15.0 22.6

279 23.8 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 47.107 ng/ul

RT: 27.704 min Scan# 4151

Delta R.T. 0.018 min

Lab File: BP016871.D

Acq: 30 Aug 2023 14:21

Tgt Ion:276 Resp: 3643681

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.4

277 23.8 19.3 28.9

