

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016884.D
 Acq On : 30 Aug 2023 22:30
 Operator : MA/JU
 Sample : PB155128BS
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:53:49 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	384496	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	1696354	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	1040476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2257690	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1876925	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1613357	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	63902	6.869	ng/uL	0.00
4) Pyridine-d5	3.811	84	924309	32.512	ng/u1	0.00
7) Phenol-d5	7.164	99	1250272	36.569	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	746214	34.245	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	923245	35.915	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	965499	34.593	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	458119	35.718	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	509128	37.658	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	950516	37.712	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	1267537	32.793	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	2768582	35.284	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	3230026	36.414	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	514443	31.720	ng/u1	0.00
60) Fluorene-d10	15.669	176	2387278	36.129	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	443111	32.957	ng/u1	0.00
73) Anthracene-d10	17.545	188	3654278	36.516	ng/u1	0.00
81) Pyrene-d10	19.781	212	4159622	40.352	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	3092558	38.267	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	133442	13.172	ng/uL	100
5) Pyridine	3.829	79	949519	32.424	ng/u1	98
6) Benzaldehyde	7.175	77	743793	39.781	ng/u1	100
8) Phenol	7.193	94	1313535	36.711	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.458	93	1017578	35.233	ng/u1	98
12) 2-Chlorophenol	7.575	128	981138	37.341	ng/u1	99
13) 2-Methylphenol	8.458	108	965102	35.958	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	882818	20.955	ng/u1	99
16) Acetophenone	8.869	105	1563534	36.128	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.846	70	839600	36.813	ng/u1	99
18) 4-Methylphenol	8.799	108	1060087	36.271	ng/u1	99
19) Hexachloroethane	9.093	117	384987	35.214	ng/u1	98
22) Nitrobenzene	9.264	77	1221722	37.129	ng/u1	98
23) Isophorone	9.781	82	2334046	36.522	ng/u1	100
25) 2-Nitrophenol	9.969	139	569051	38.066	ng/u1	99
26) 2,4-Dimethylphenol	10.005	107	958237	31.892	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.263	93	1423664	36.108	ng/u1	98
29) 2,4-Dichlorophenol	10.487	162	972480	38.411	ng/u1	100
30) Naphthalene	10.905	128	3188366	36.284	ng/u1	100
32) 4-Chloroaniline	11.034	127	1288425	33.919	ng/u1	100
33) Hexachlorobutadiene	11.134	225	542471	34.784	ng/u1	97
34) Caprolactam	11.863	113	257173	27.544	ng/u1	99
35) 4-Chloro-3-methylphenol	12.128	107	1082324	38.122	ng/u1	100
36) 2-Methylnaphthalene	12.505	142	2199145	36.257	ng/u1	99

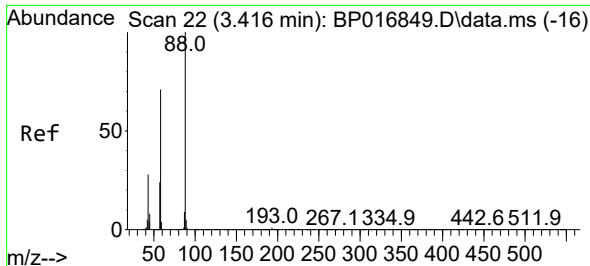
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	2131126	34.842	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.852	216	1090839	36.784	ng/ul	99
40) Hexachlorocyclopentadiene	12.805	237	471030	21.599	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	775459	39.158	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	851036	39.714	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	2954150	38.187	ng/ul	100
44) 2-Chloronaphthalene	13.557	162	2333155	38.205	ng/ul	100
45) 2-Nitroaniline	13.793	65	743857	40.164	ng/ul	97
47) Dimethylphthalate	14.140	163	2930953	36.883	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	618655	39.730	ng/ul	98
50) Acenaphthylene	14.404	152	3665818	36.107	ng/ul	100
51) 3-Nitroaniline	14.616	138	639824	39.460	ng/ul	100
52) Acenaphthene	14.740	153	2510711	37.380	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	290380	25.663	ng/ul	99
55) 4-Nitrophenol	14.904	109	415192	33.898	ng/ul	99
56) Dibenzofuran	15.075	168	3455508	37.495	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	893352	38.978	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.293	232	694442	38.066	ng/ul	99
59) Diethylphthalate	15.493	149	2948506	36.523	ng/ul	99
61) Fluorene	15.728	166	2877698	37.331	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.716	204	1392022	36.780	ng/ul	99
63) 4-Nitroaniline	15.787	138	618434	40.083	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.816	198	473208	32.645	ng/ul	98
67) N-Nitrosodiphenylamine	15.945	169	2420498	38.763	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	822330	37.991	ng/ul	97
69) Hexachlorobenzene	16.704	284	904457	37.319	ng/ul	99
70) Atrazine	16.898	200	813716	34.565	ng/ul	99
71) Pentachlorophenol	17.069	266	561349	31.202	ng/ul	99
72) Phenanthrene	17.487	178	4543748	38.229	ng/ul	99
74) Anthracene	17.581	178	4550620	37.865	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	109437	3.620	ng/uL	100
76) Pentachlorobenzene	14.969	250	1089290	40.321	ng/uL	98
77) Carbazole	17.863	167	4183893	38.655	ng/ul	99
78) Di-n-butylphthalate	18.375	149	5142032	38.079	ng/ul	100
80) Fluoranthene	19.451	202	5262918	42.501	ng/ul	100
82) Pyrene	19.810	202	5399257	42.211	ng/ul	99
83) Butylbenzylphthalate	20.663	149	2379195	43.129	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	1535553	38.276	ng/ul	99
85) Benzo(a)anthracene	21.528	228	4957910	38.349	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	3424586	42.516	ng/ul	100
87) Chrysene	21.586	228	4585055	39.043	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	5726434	47.132	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	4328120	42.011	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	4054735	39.795	ng/ul	99
93) Benzo(a)pyrene	23.992	252	3571588	38.327	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	3948832	41.469	ng/ul	99
95) Dibenzo(a,h)anthracene	26.863	278	3292186	41.625	ng/ul	100
96) Benzo(g,h,i)perylene	27.692	276	3113292	43.124	ng/ul	99

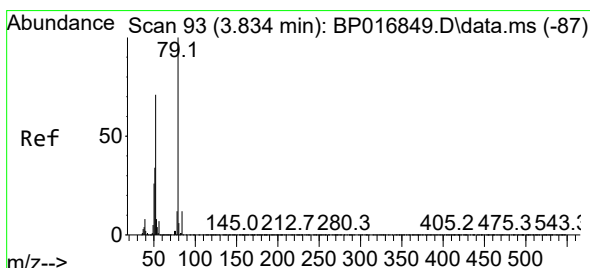
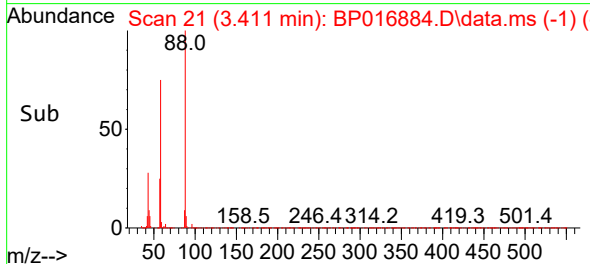
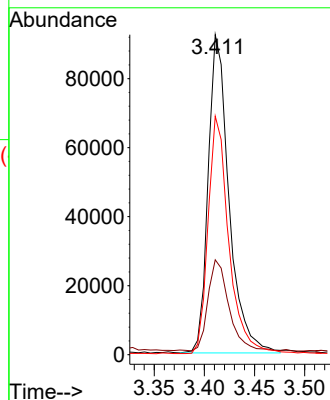
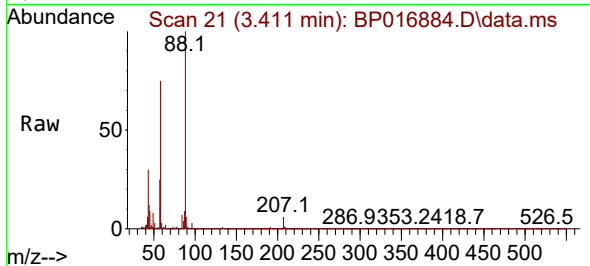
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#2
1,4-Dioxane
Concen: 13.172 ng/uL
RT: 3.411 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016884.D
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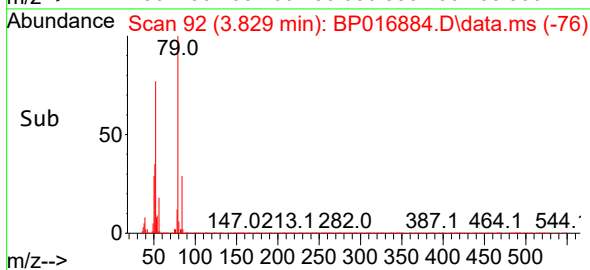
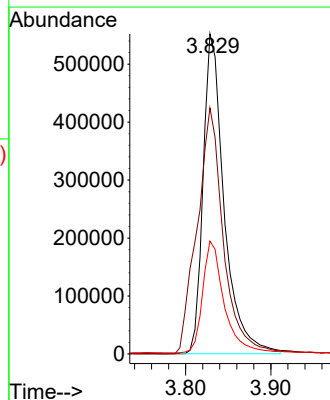
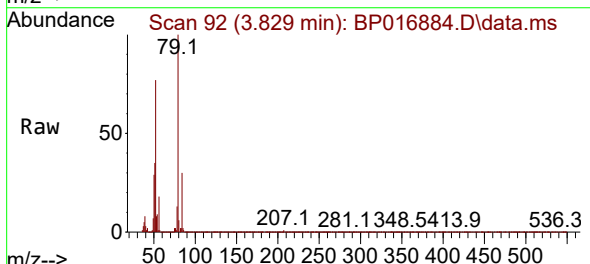
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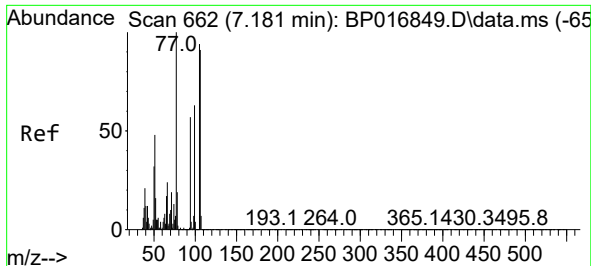
Tgt Ion: 88 Resp: 133442
Ion Ratio Lower Upper
88 100
43 29.6 24.0 36.0
58 74.6 59.8 89.8



#5
Pyridine
Concen: 32.424 ng/uL
RT: 3.829 min Scan# 92
Delta R.T. -0.006 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion: 79 Resp: 949519
Ion Ratio Lower Upper
79 100
52 76.9 59.6 89.4
51 35.3 28.2 42.2

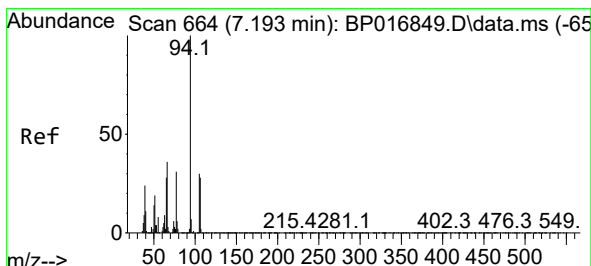
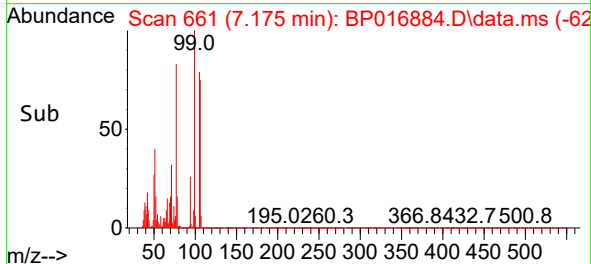
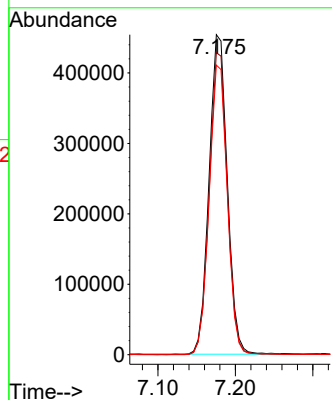
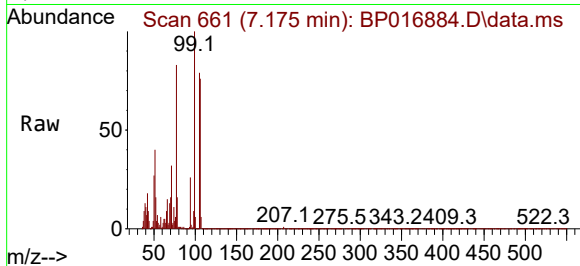




#6
Benzaldehyde
Concen: 39.781 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

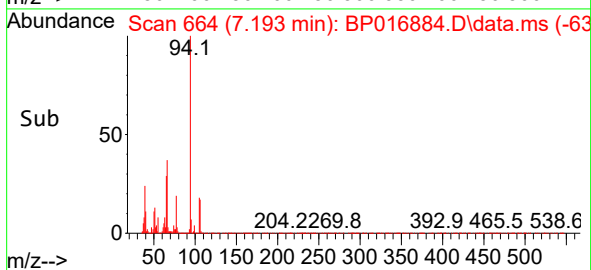
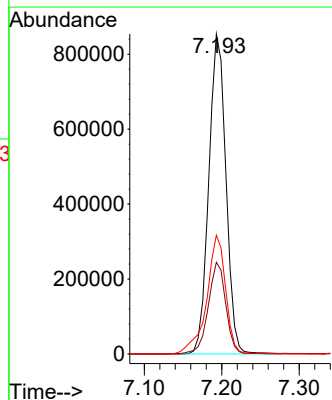
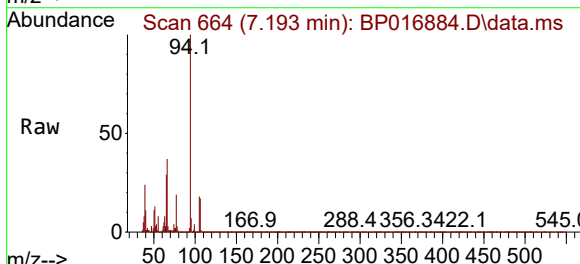
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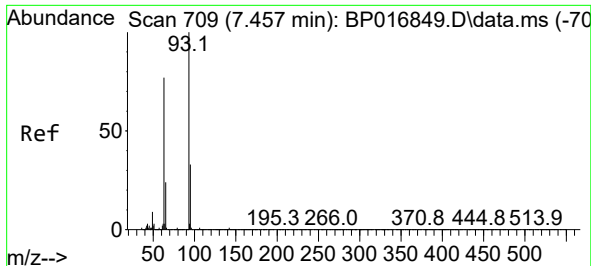
Tgt Ion: 77 Resp: 743793
Ion Ratio Lower Upper
77 100
105 94.3 75.4 113.2
106 90.5 73.1 109.7



#8
Phenol
Concen: 36.711 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion: 94 Resp: 1313535
Ion Ratio Lower Upper
94 100
65 28.6 22.4 33.6
66 37.1 28.6 42.8

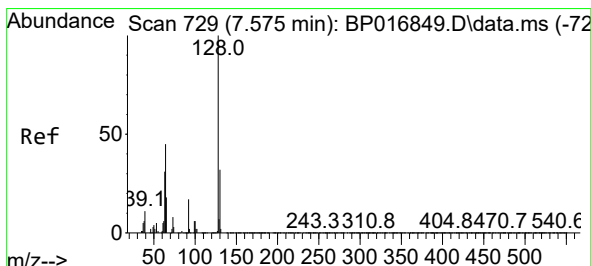
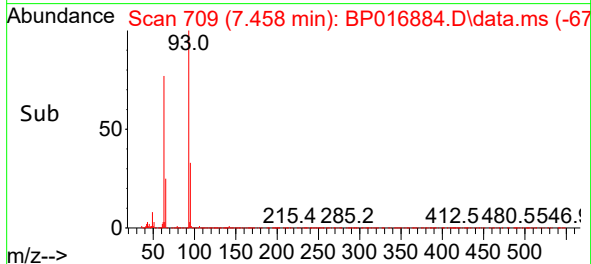
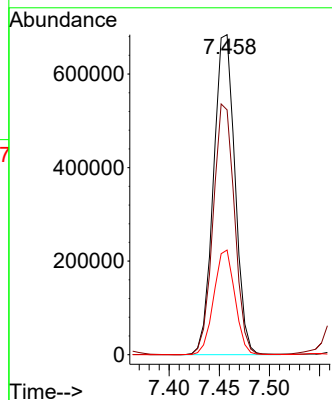
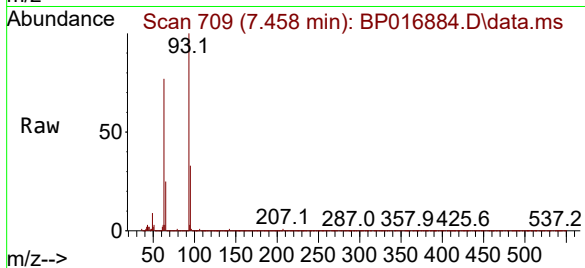




#10
Bis(2-Chloroethyl)ether
Concen: 35.233 ng/ul
RT: 7.458 min Scan# 709
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

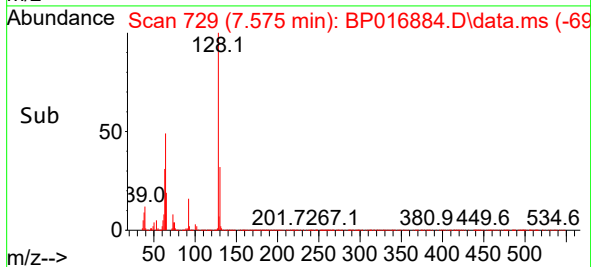
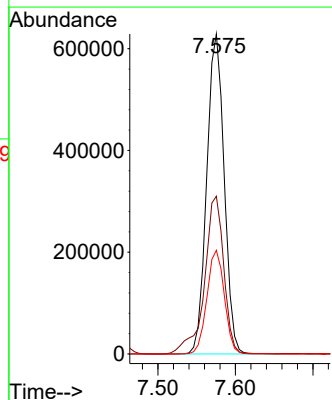
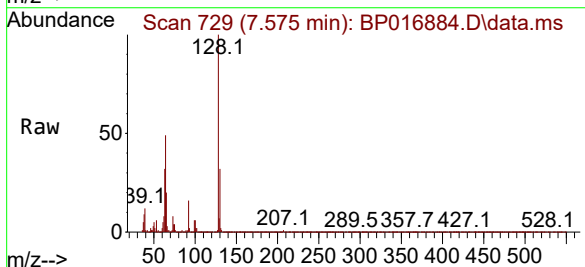
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ClientSampleId :

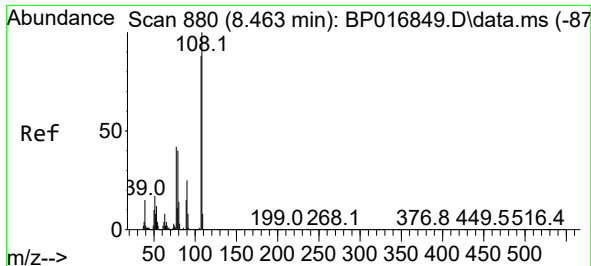
Tgt Ion: 93 Resp: 1017578
Ion Ratio Lower Upper
93 100
63 76.5 62.9 94.3
95 32.7 26.3 39.5



#12
2-Chlorophenol
Concen: 37.341 ng/ul
RT: 7.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:128 Resp: 981138
Ion Ratio Lower Upper
128 100
64 49.3 40.0 60.0
130 32.4 26.4 39.6





#13

2-Methylphenol

Concen: 35.958 ng/ul

RT: 8.458 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

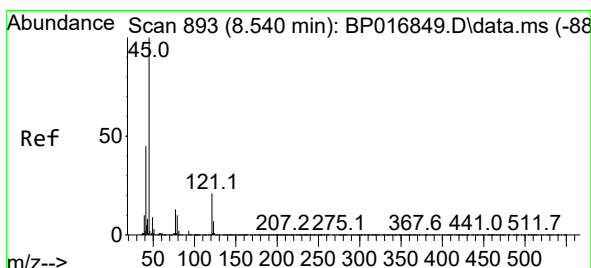
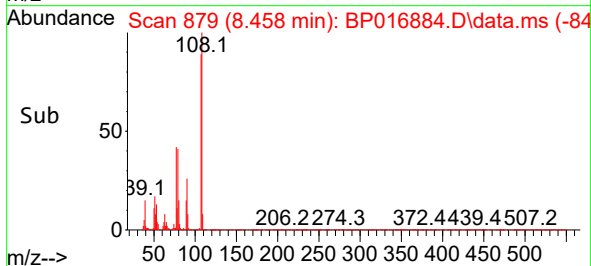
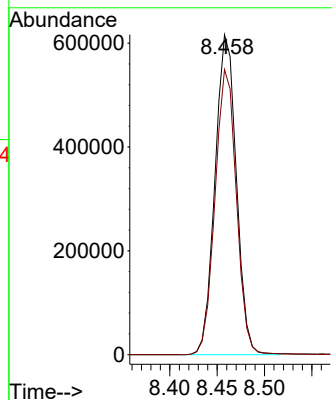
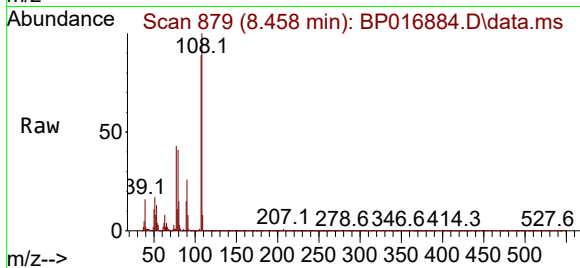
ClientSampleId :

Tgt Ion:108 Resp: 965102

Ion Ratio Lower Upper

108 100

107 89.1 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.955 ng/ul

RT: 8.534 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

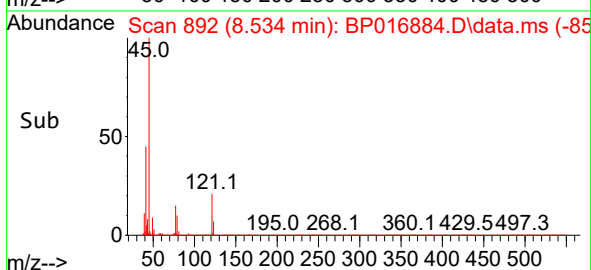
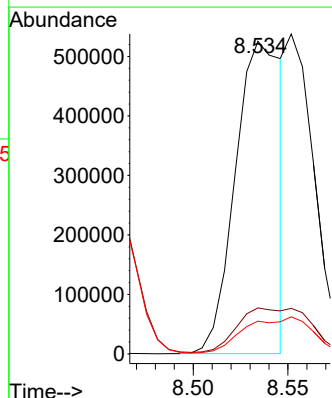
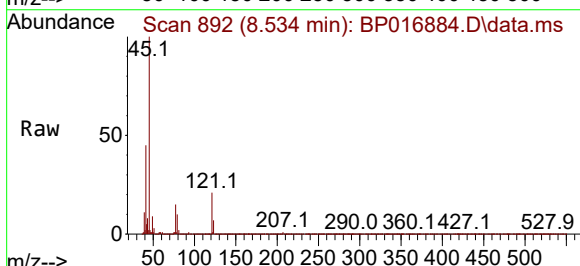
Tgt Ion: 45 Resp: 882818

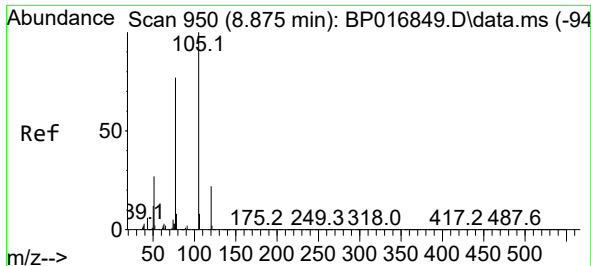
Ion Ratio Lower Upper

45 100

77 14.7 11.1 16.7

79 10.5 8.2 12.4

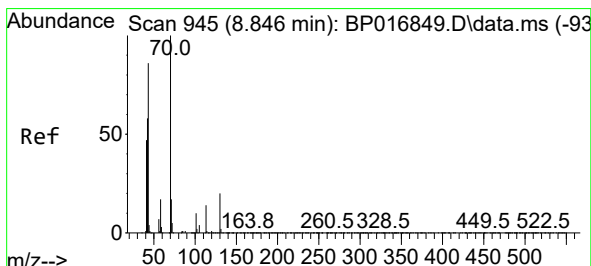
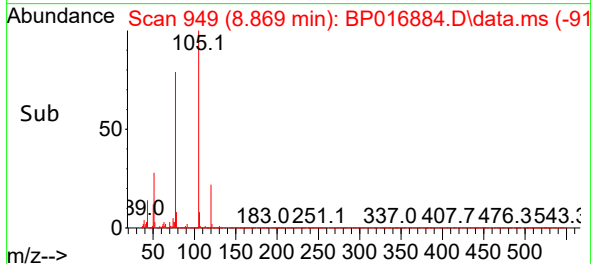
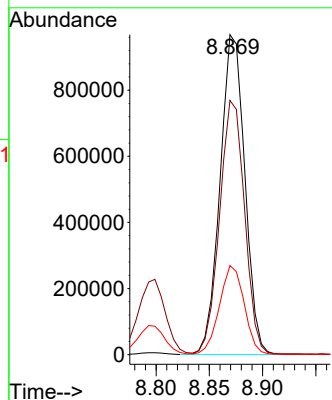
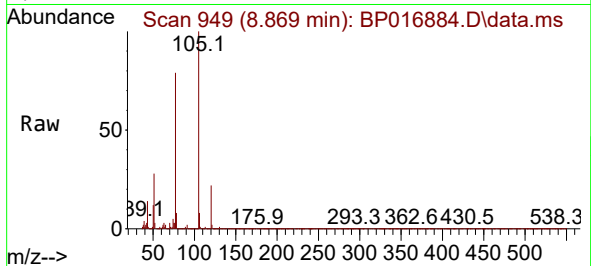




#16
Acetophenone
Concen: 36.128 ng/ul
RT: 8.869 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP016884.D
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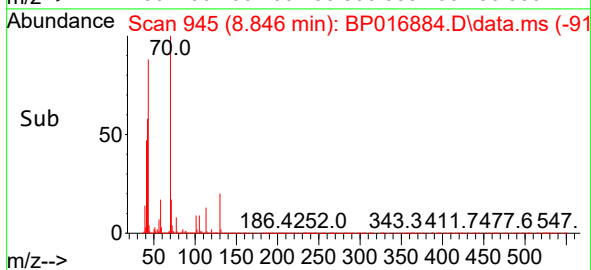
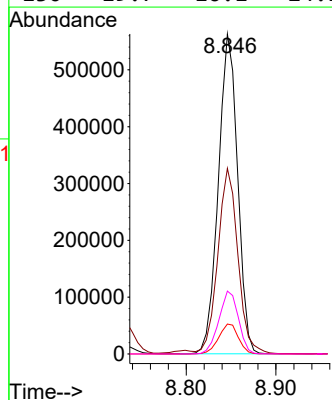
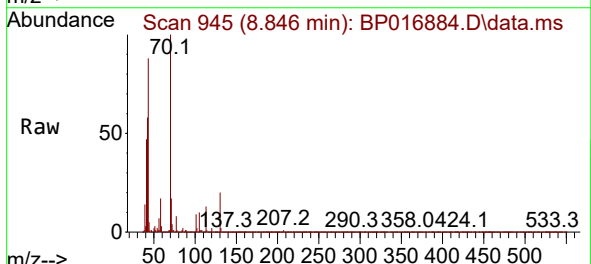
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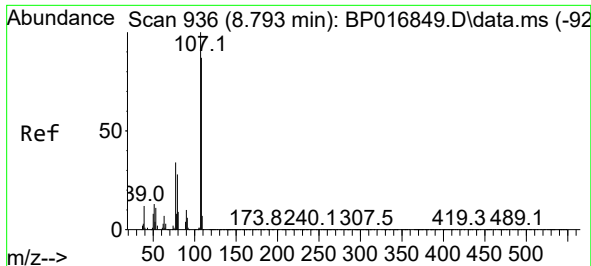
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Ion Ratio Lower Upper
105 100
77 79.5 64.2 96.4
51 27.9 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 36.813 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion: 70 Resp: 839600
Ion Ratio Lower Upper
70 100
42 58.0 46.0 69.0
101 9.3 7.6 11.4
130 19.7 16.1 24.1

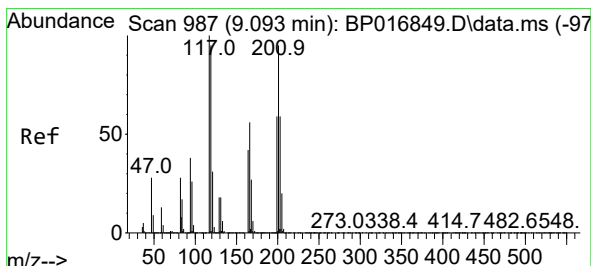
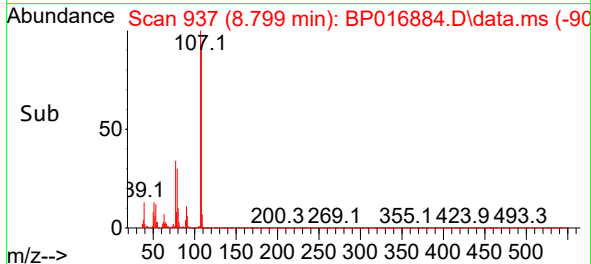
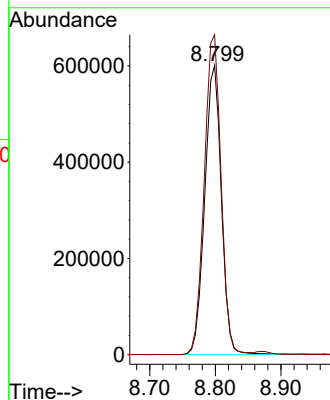
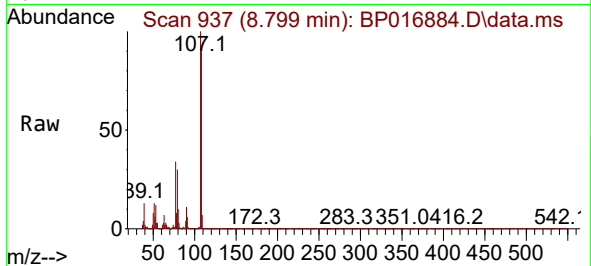




#18
4-Methylphenol
Concen: 36.271 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

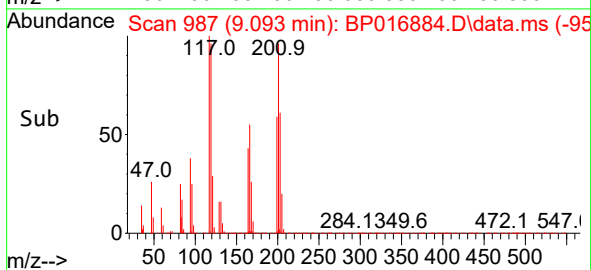
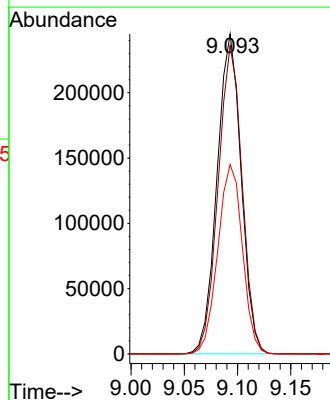
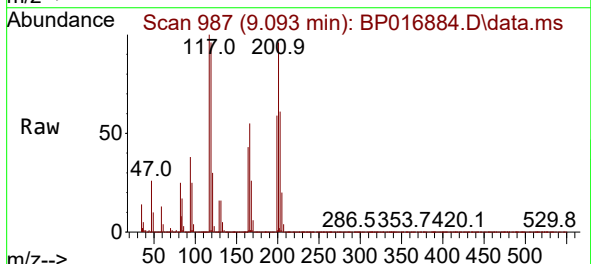
Instrument :
BNA_P
ClientSampleId :

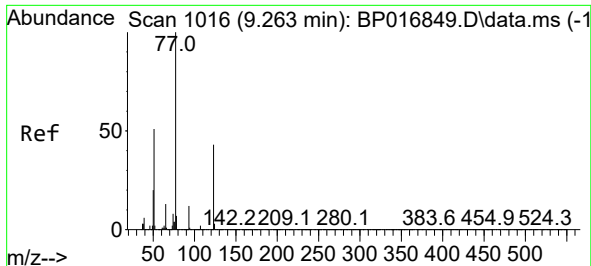
Tgt Ion:108 Resp: 1060087
Ion Ratio Lower Upper
108 100
107 110.6 89.8 134.6



#19
Hexachloroethane
Concen: 35.214 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:117 Resp: 384987
Ion Ratio Lower Upper
117 100
201 96.3 75.4 113.2
199 59.2 47.8 71.6

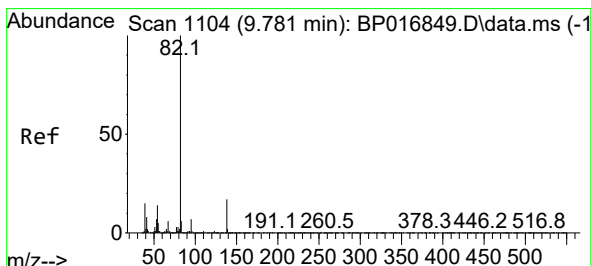
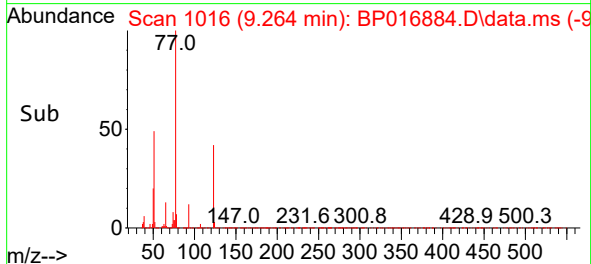
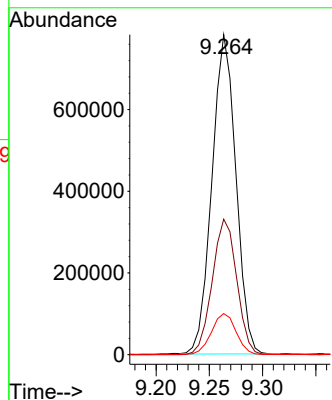
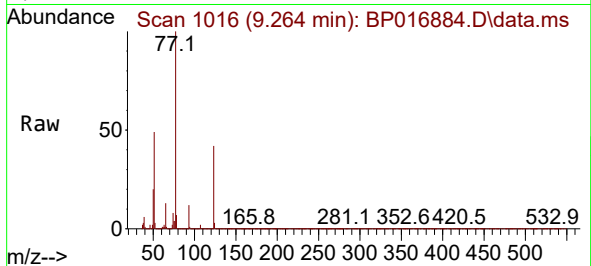




#22
Nitrobenzene
Concen: 37.129 ng/ul
RT: 9.264 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

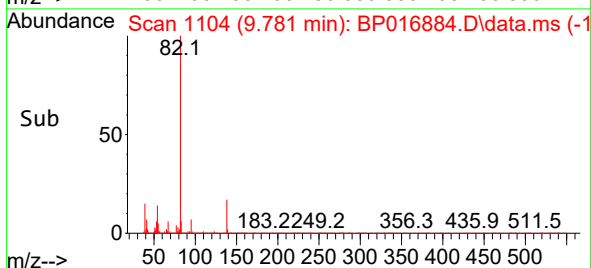
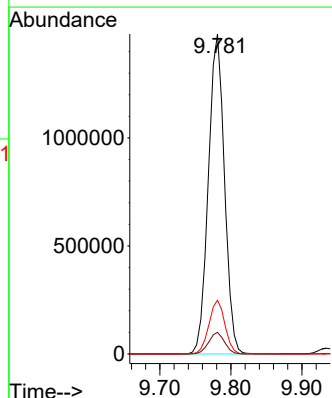
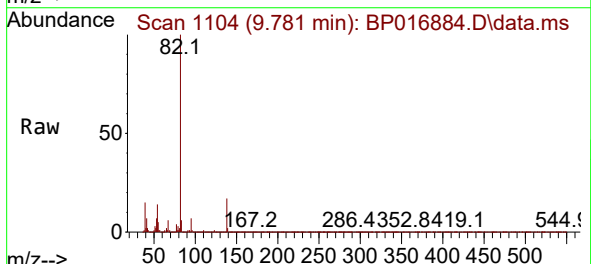
Instrument :
BNA_P
ClientSampleId :

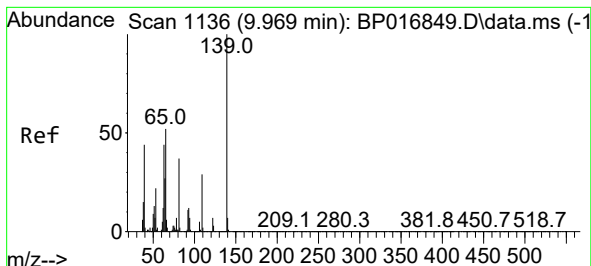
Tgt Ion: 77 Resp: 1221722
Ion Ratio Lower Upper
77 100
123 42.3 34.9 52.3
65 12.8 10.6 15.8



#23
Isophorone
Concen: 36.522 ng/ul
RT: 9.781 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion: 82 Resp: 2334046
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 16.8 13.5 20.3

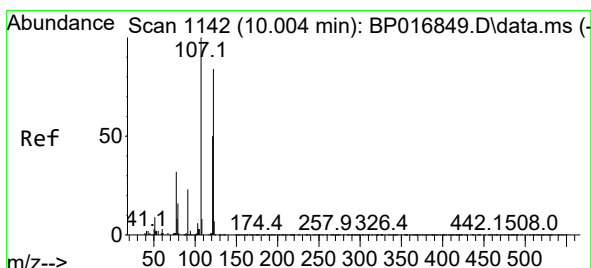
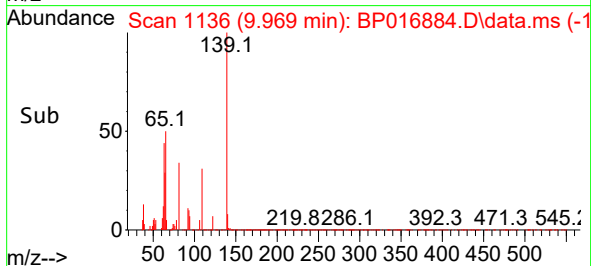
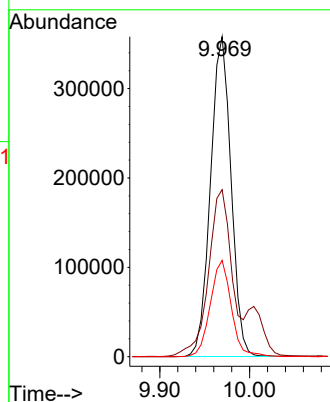
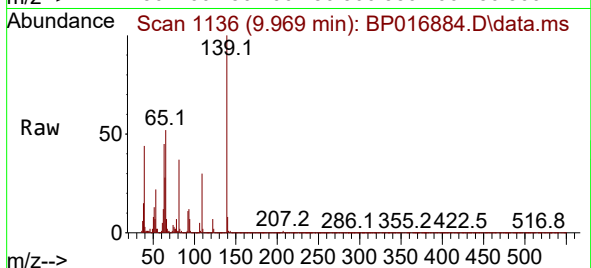




#25
2-Nitrophenol
Concen: 38.066 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

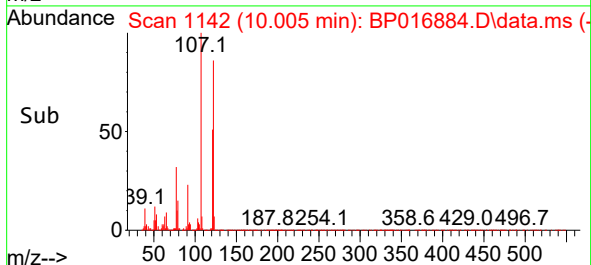
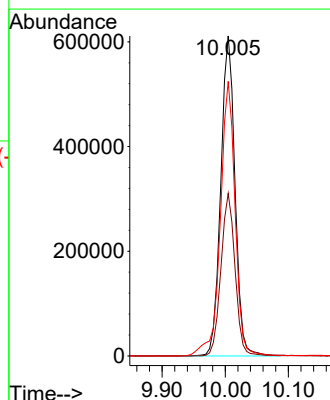
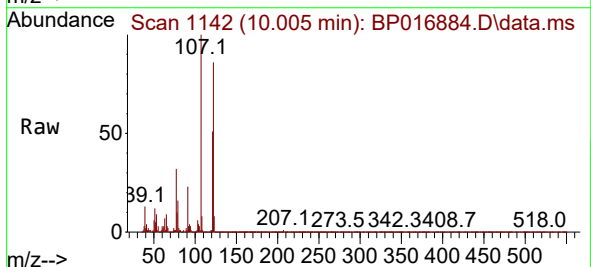
Instrument :
BNA_P
ClientSampleId :

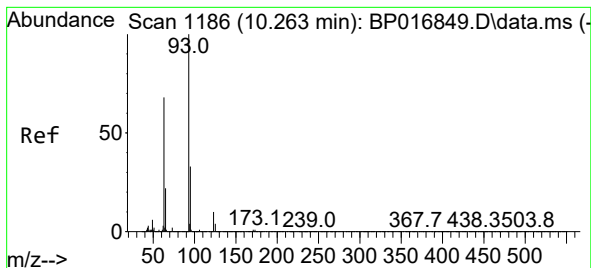
Tgt Ion	Ratio	Lower	Upper
139	100		
65	52.2	42.0	63.0
109	30.1	23.4	35.2



#26
2,4-Dimethylphenol
Concen: 31.892 ng/ul
RT: 10.005 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.8	40.7	61.1
122	85.8	69.7	104.5

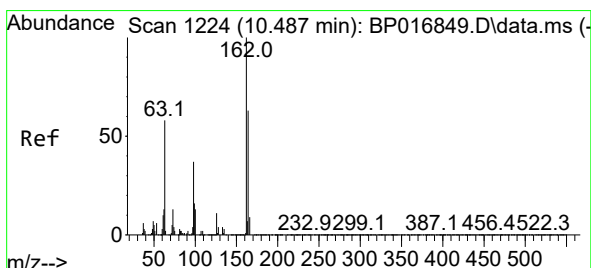
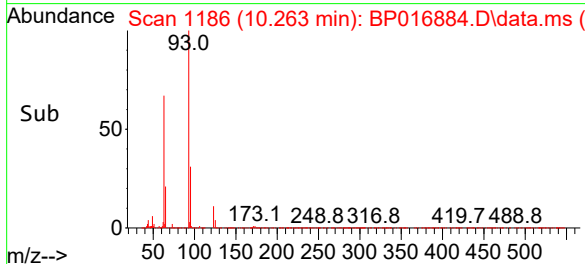
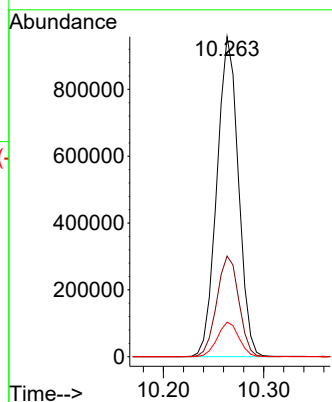
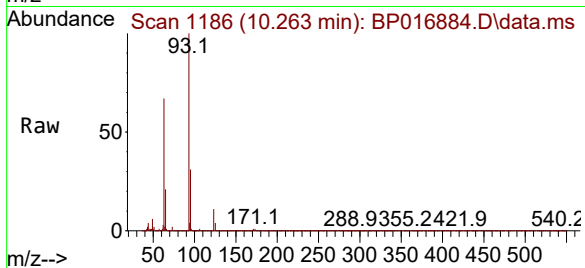




#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.108 ng/ul
 RT: 10.263 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP016884.D
 Acq: 30 Aug 2023 22:30

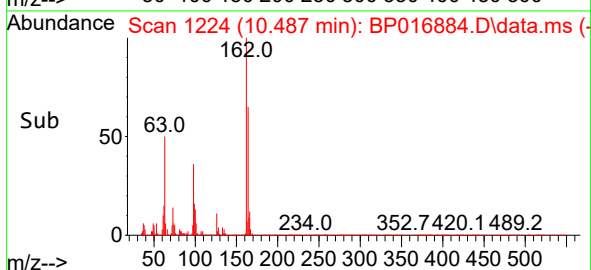
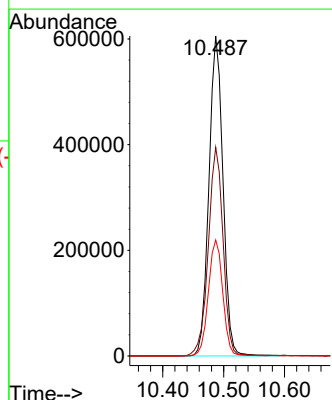
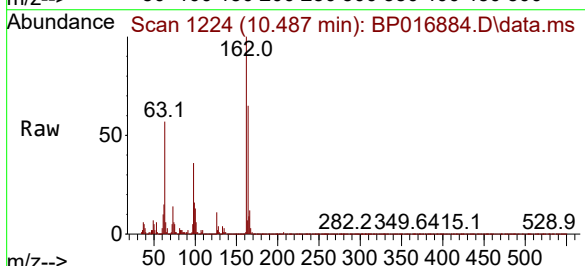
Instrument :
 BNA_P
 ClientSampleId :

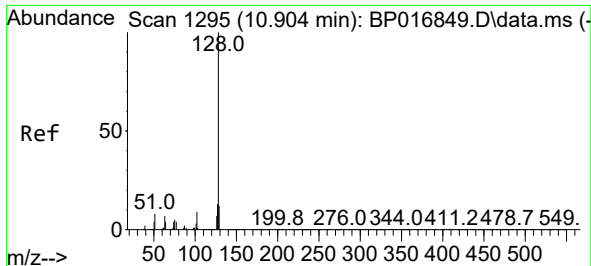
Tgt Ion: 93 Resp: 1423664
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.3 39.5
 123 10.8 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 38.411 ng/ul
 RT: 10.487 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BP016884.D
 Acq: 30 Aug 2023 22:30

Tgt Ion:162 Resp: 972480
 Ion Ratio Lower Upper
 162 100
 164 65.2 52.2 78.2
 98 36.2 29.3 43.9

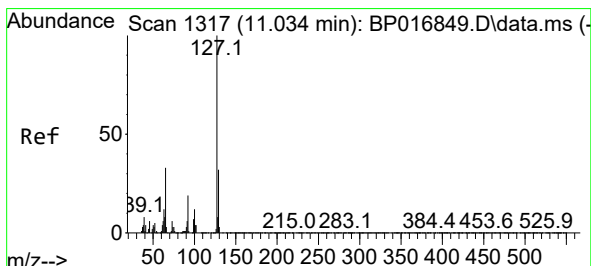
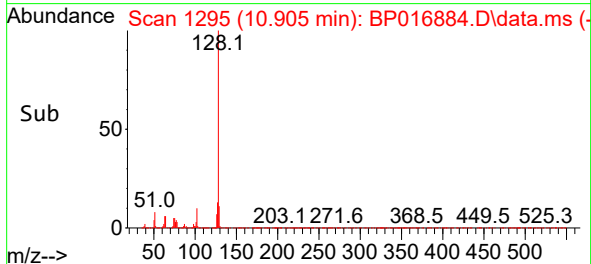
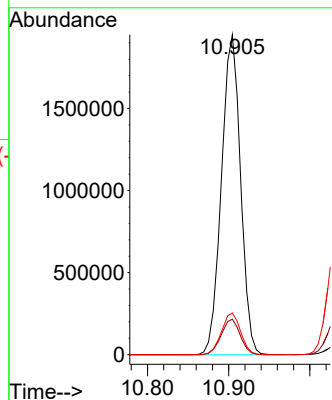
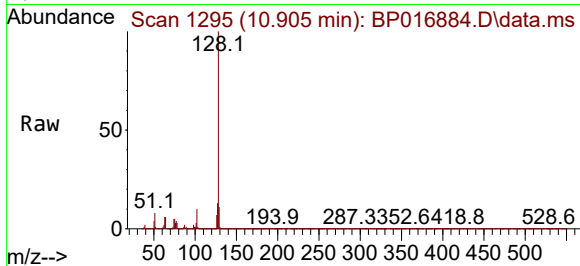




#30
Naphthalene
Concen: 36.284 ng/ul
RT: 10.905 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

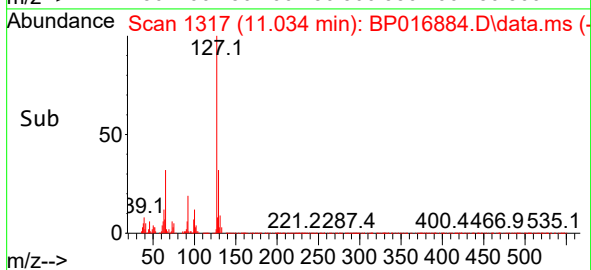
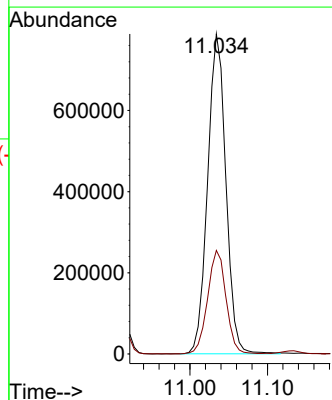
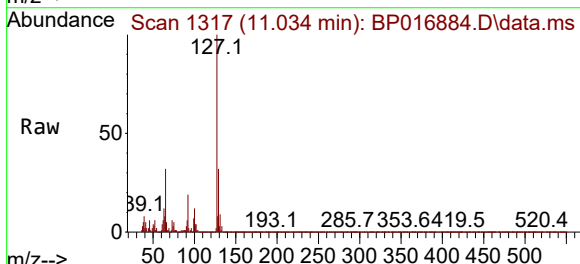
Instrument :
BNA_P
ClientSampleId :

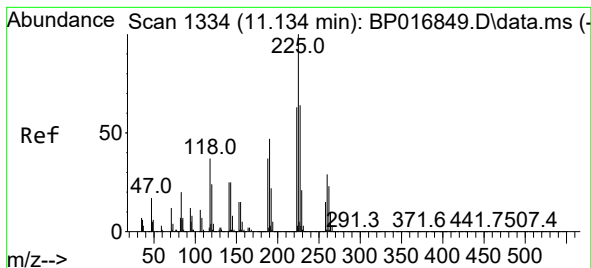
Tgt Ion:128 Resp: 3188366
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 33.919 ng/ul
RT: 11.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:127 Resp: 1288425
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9





#33

Hexachlorobutadiene

Concen: 34.784 ng/ul

RT: 11.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

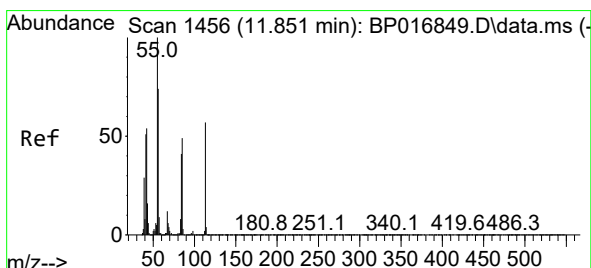
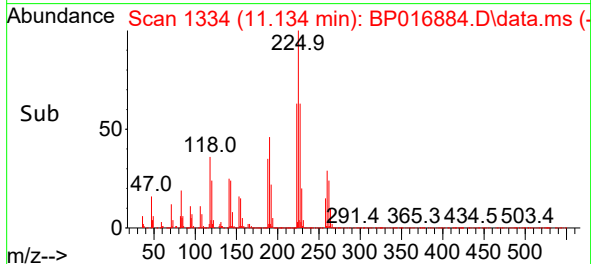
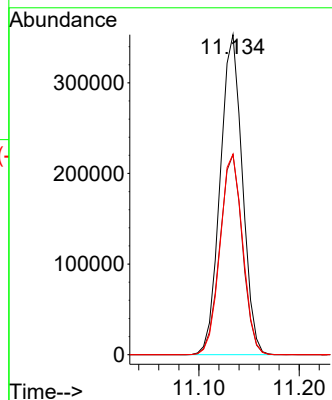
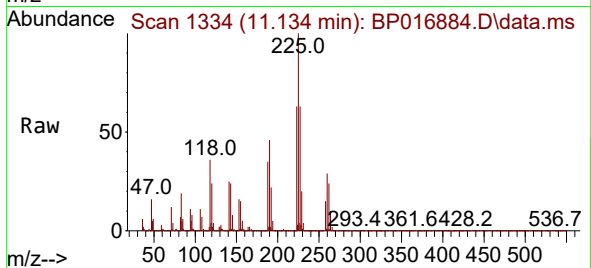
Tgt Ion:225 Resp: 542471

Ion Ratio Lower Upper

225 100

223 62.5 51.0 76.4

227 62.6 52.5 78.7



#34

Caprolactam

Concen: 27.544 ng/ul

RT: 11.863 min Scan# 1458

Delta R.T. 0.012 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

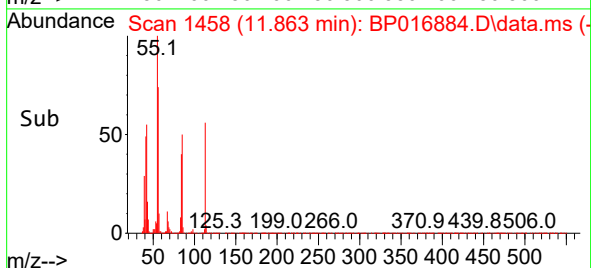
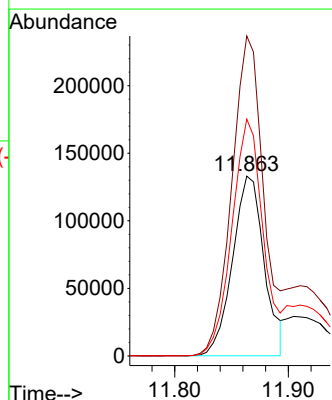
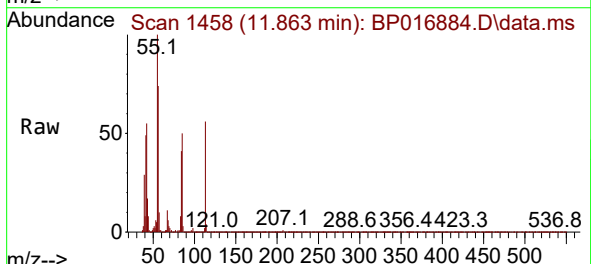
Tgt Ion:113 Resp: 257173

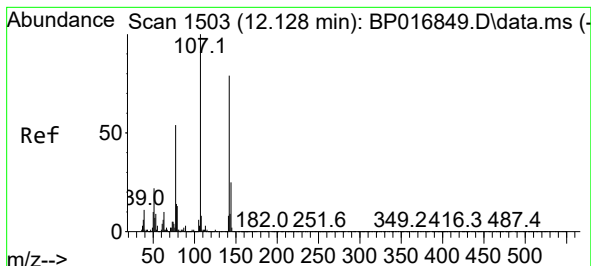
Ion Ratio Lower Upper

113 100

55 178.0 140.6 210.8

56 131.7 104.5 156.7

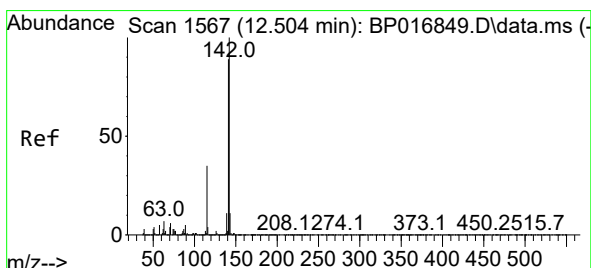
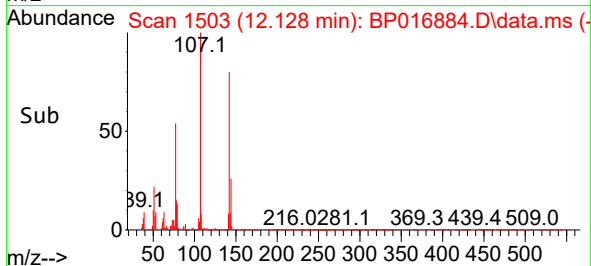
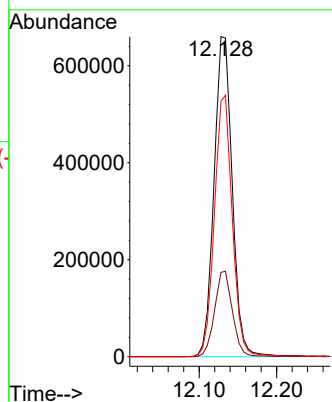
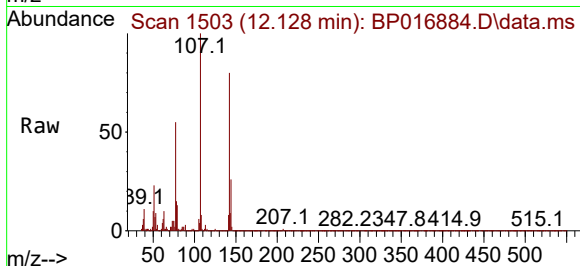




#35
4-Chloro-3-methylphenol
Concen: 38.122 ng/ul
RT: 12.128 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

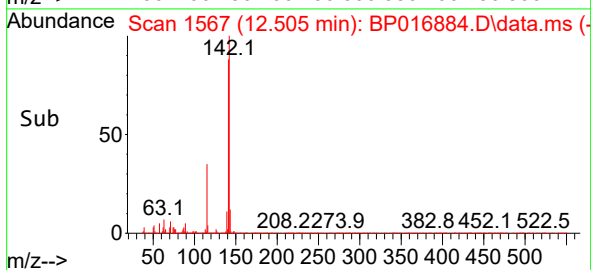
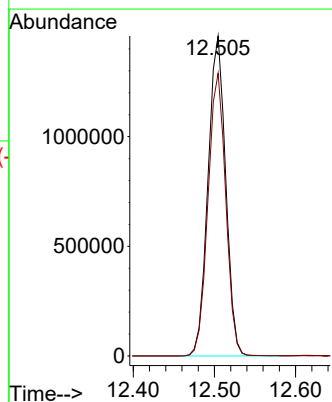
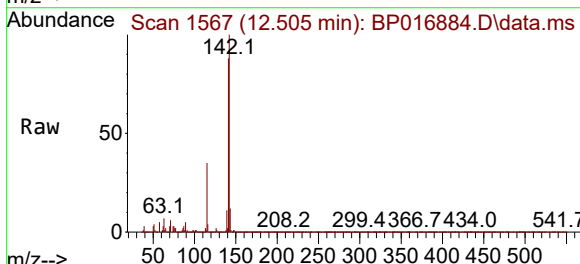
Instrument :
BNA_P
ClientSampleId :

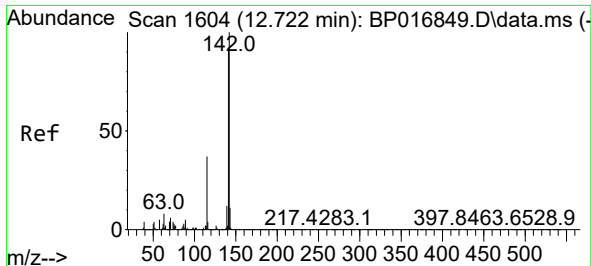
Tgt Ion:107 Resp: 1082324
Ion Ratio Lower Upper
107 100
144 26.4 20.6 31.0
142 79.8 63.7 95.5



#36
2-Methylnaphthalene
Concen: 36.257 ng/ul
RT: 12.505 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:142 Resp: 2199145
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0

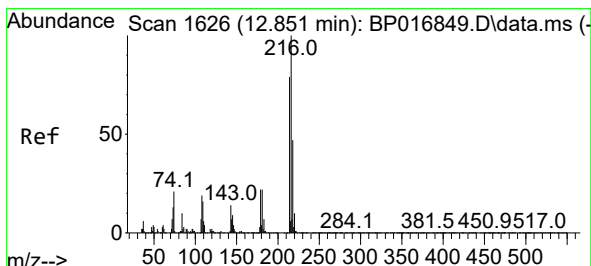
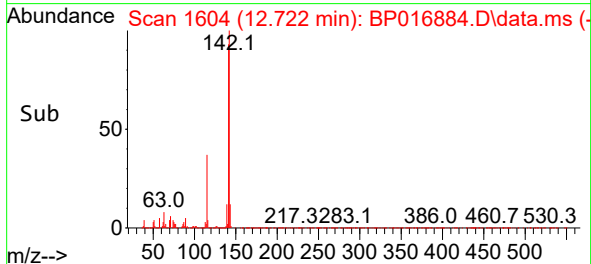
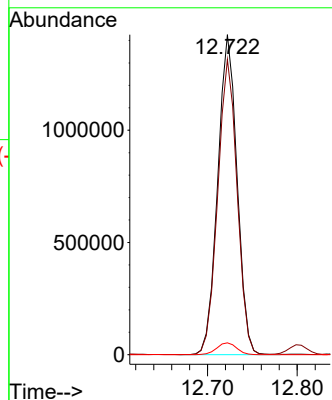
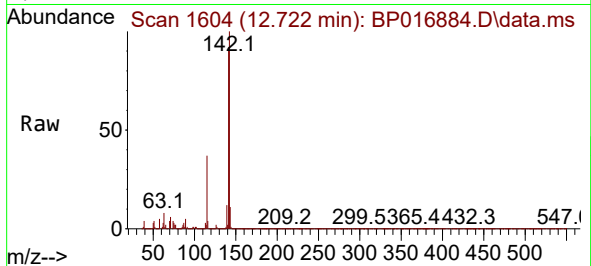




#37
1-Methylnaphthalene
Concen: 34.842 ng/ul
RT: 12.722 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

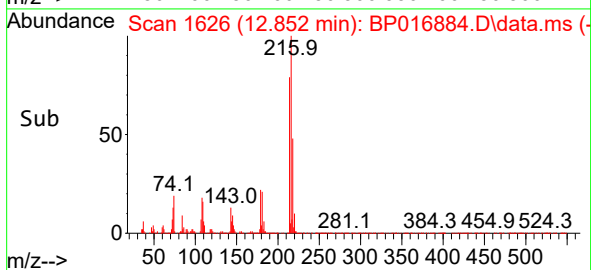
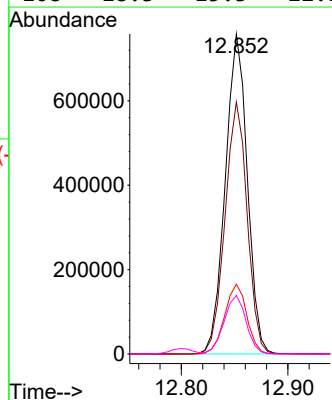
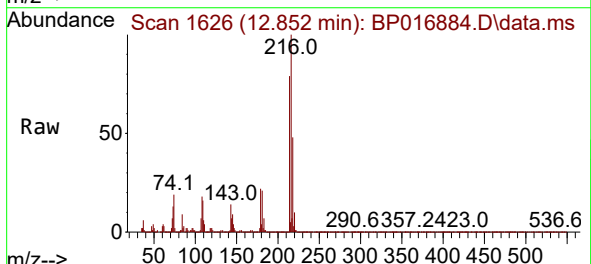
Instrument :
BNA_P
ClientSampleId :

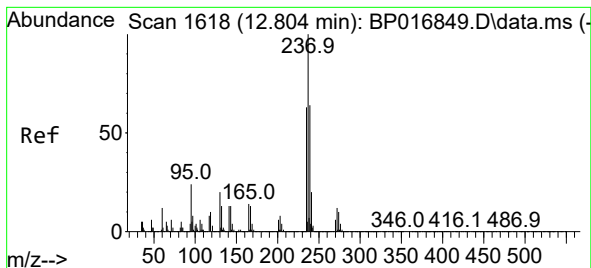
Tgt Ion:142 Resp: 2131126
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4
116 3.7 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.784 ng/ul
RT: 12.852 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:216 Resp: 1090839
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.2
179 21.8 17.4 26.2
108 18.3 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 21.599 ng/ul

RT: 12.805 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

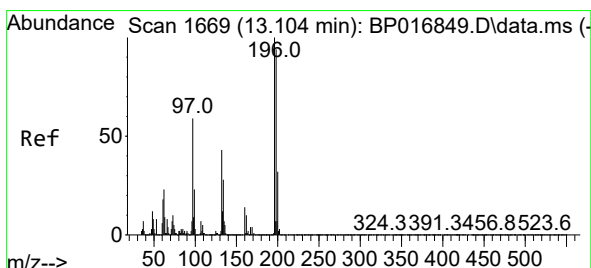
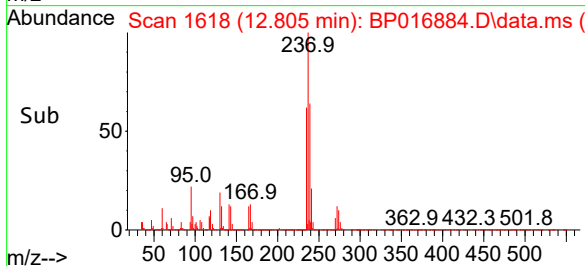
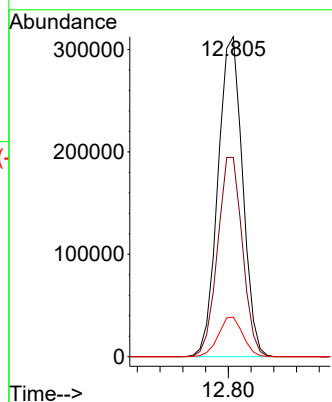
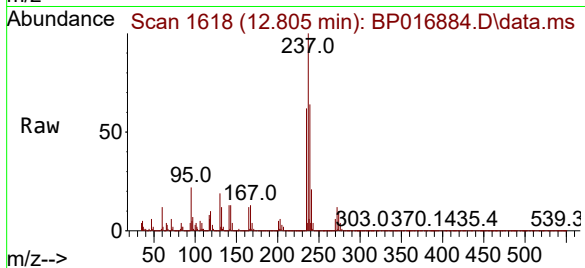
Tgt Ion:237 Resp: 471030

Ion Ratio Lower Upper

237 100

235 62.3 51.3 76.9

272 12.4 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 39.158 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

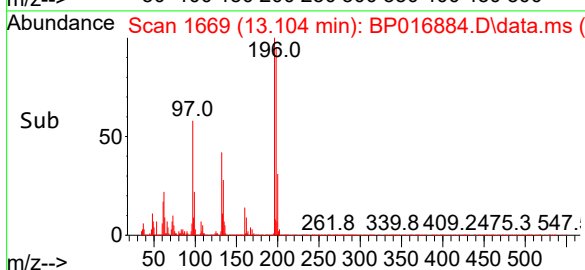
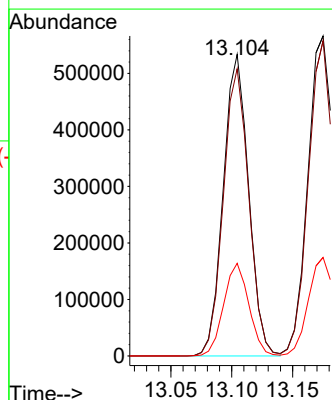
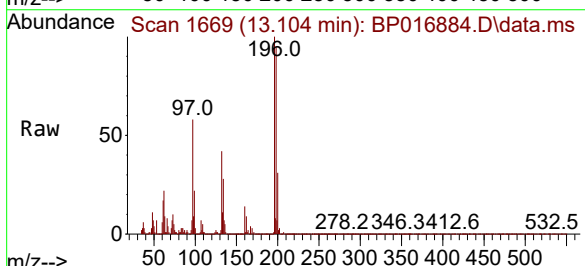
Tgt Ion:196 Resp: 775459

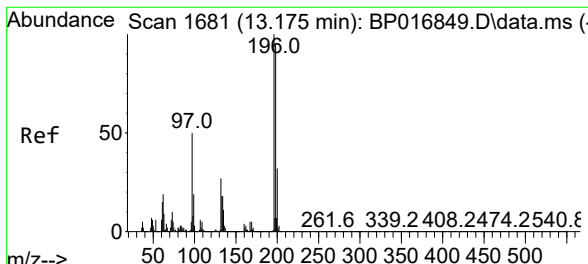
Ion Ratio Lower Upper

196 100

198 95.2 76.6 115.0

200 30.7 25.2 37.8

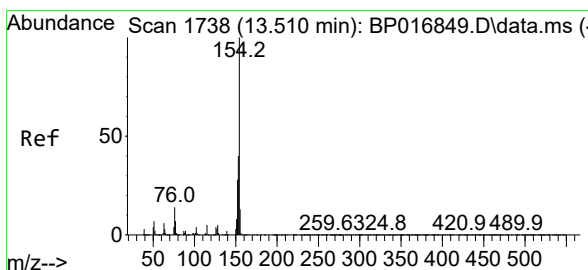
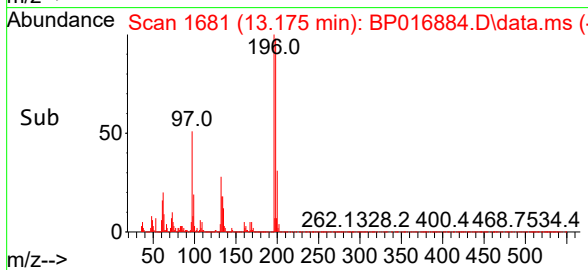
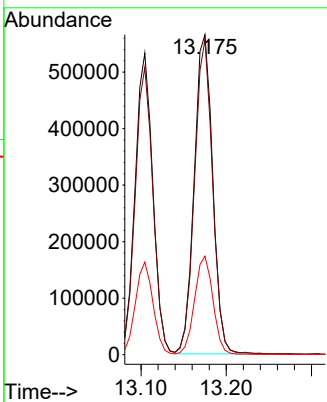
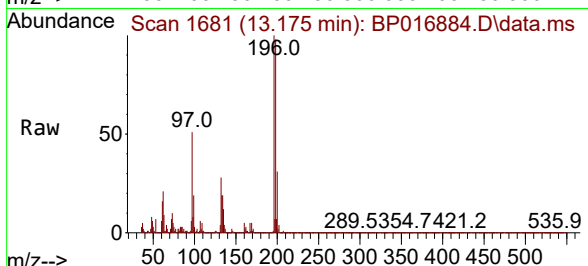




#42
 2,4,5-Trichlorophenol
 Concen: 39.714 ng/ul
 RT: 13.175 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BP016884.D
 Acq: 30 Aug 2023 22:30

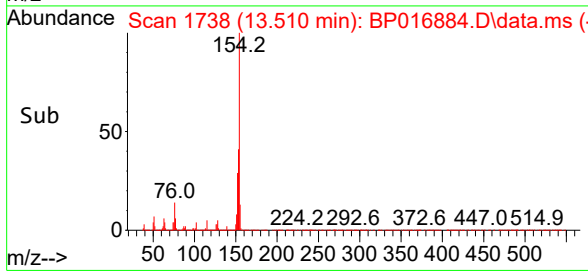
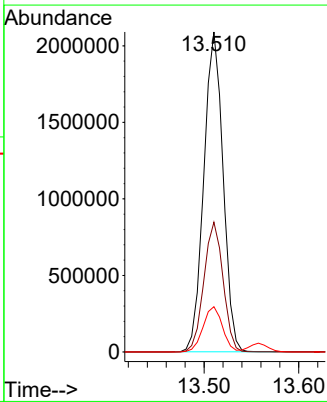
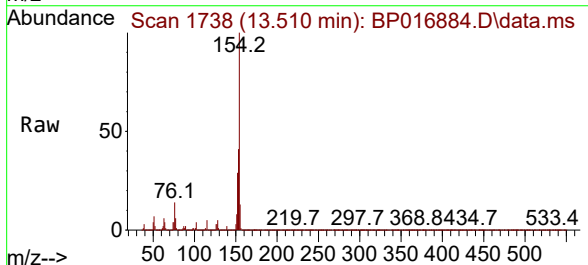
Instrument :
 BNA_P
 ClientSampleId :

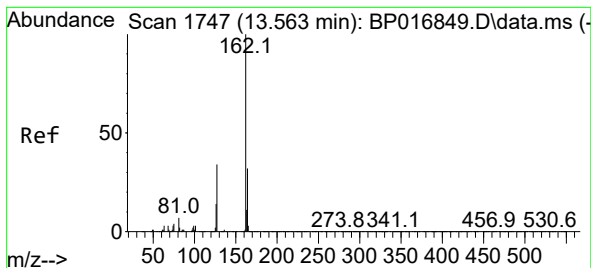
Tgt Ion:196	Resp: 851036
Ion Ratio	Lower Upper
196	100
198	98.5 77.8 116.8
200	30.8 24.8 37.2



#43
 1,1'-Biphenyl
 Concen: 38.187 ng/ul
 RT: 13.510 min Scan# 1738
 Delta R.T. 0.000 min
 Lab File: BP016884.D
 Acq: 30 Aug 2023 22:30

Tgt Ion:154	Resp: 2954150
Ion Ratio	Lower Upper
154	100
153	40.5 32.7 49.1
76	14.2 11.3 16.9

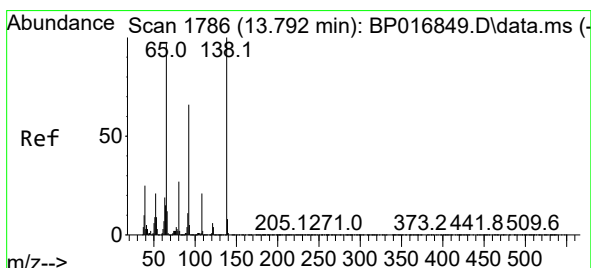
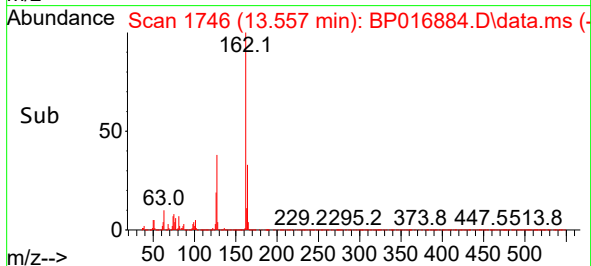
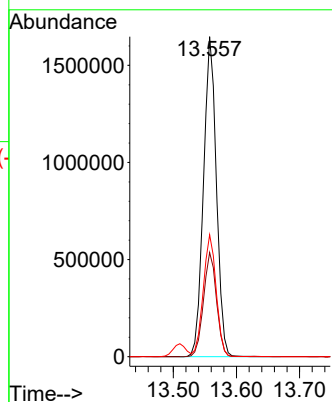
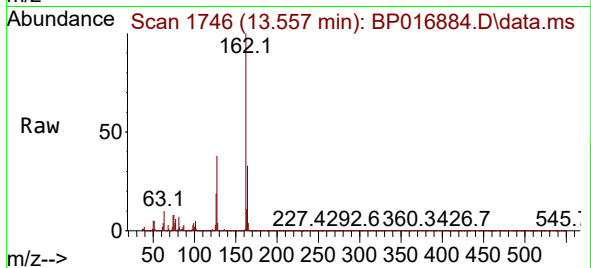




#44
2-Chloronaphthalene
Concen: 38.205 ng/ul
RT: 13.557 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

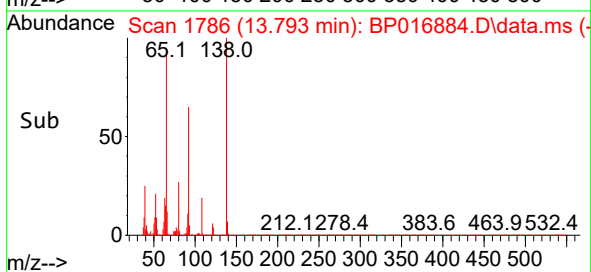
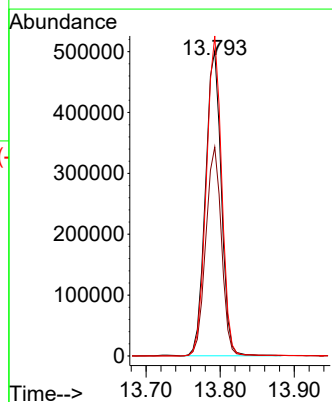
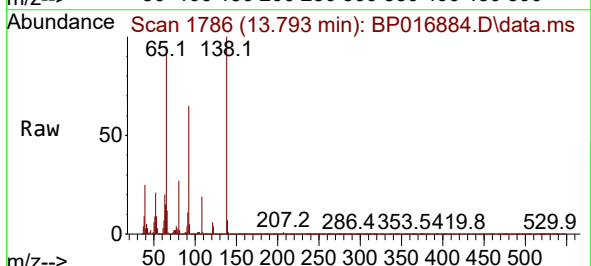
Instrument :
BNA_P
ClientSampleId :

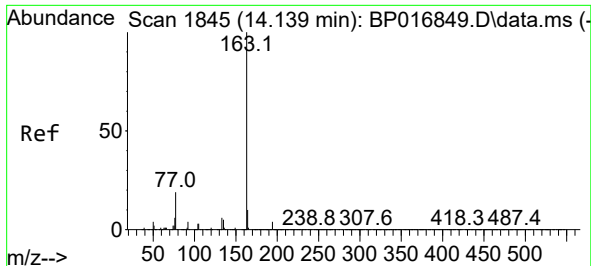
Tgt Ion:162 Resp: 2333155
Ion Ratio Lower Upper
162 100
164 32.5 26.1 39.1
127 38.1 30.8 46.2



#45
2-Nitroaniline
Concen: 40.164 ng/ul
RT: 13.793 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion: 65 Resp: 743857
Ion Ratio Lower Upper
65 100
92 68.5 53.8 80.8
138 104.9 80.7 121.1

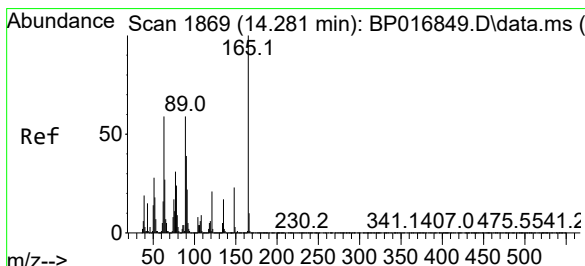
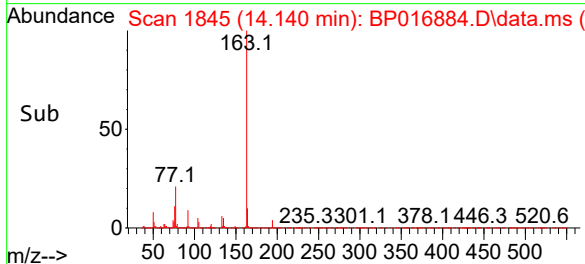
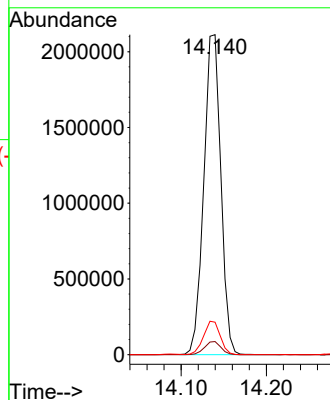
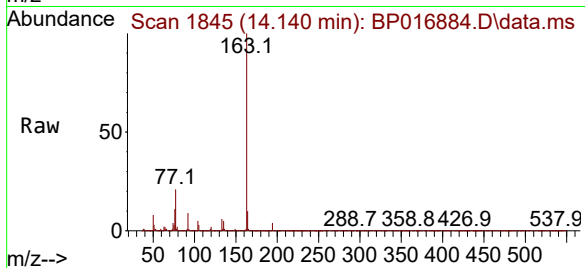




#47
Dimethylphthalate
Concen: 36.883 ng/ul
RT: 14.140 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

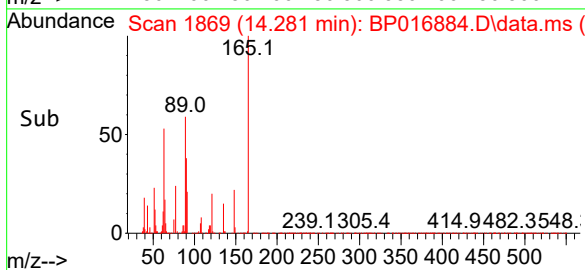
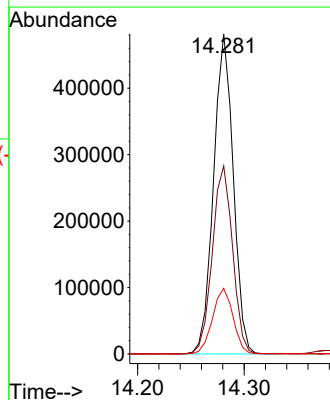
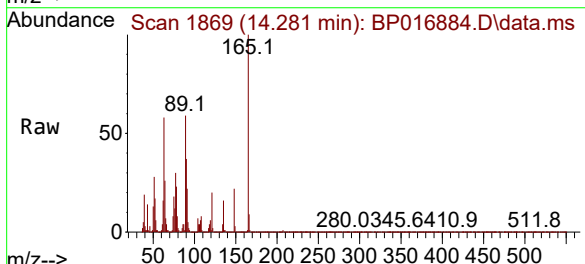
Instrument :
BNA_P
ClientSampleId :

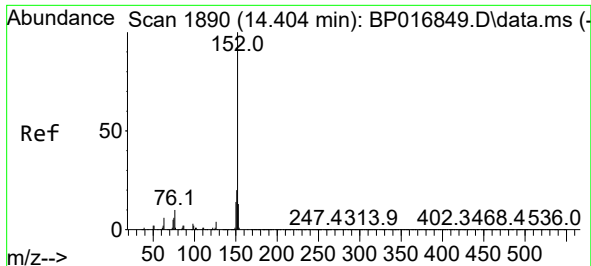
Tgt Ion:163 Resp: 2930953
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 39.730 ng/ul
RT: 14.281 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:165 Resp: 618655
Ion Ratio Lower Upper
165 100
89 58.7 48.0 72.0
121 20.5 16.9 25.3

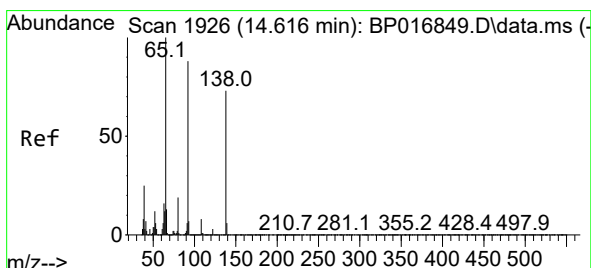
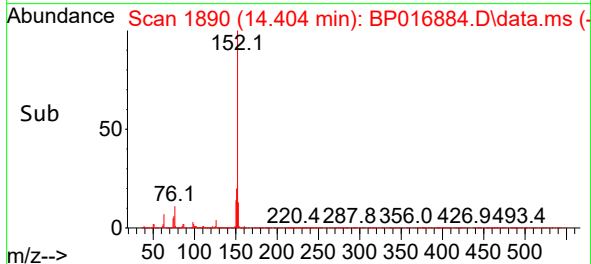
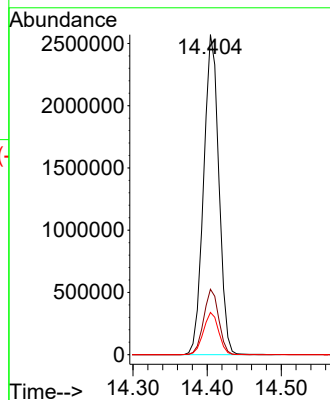
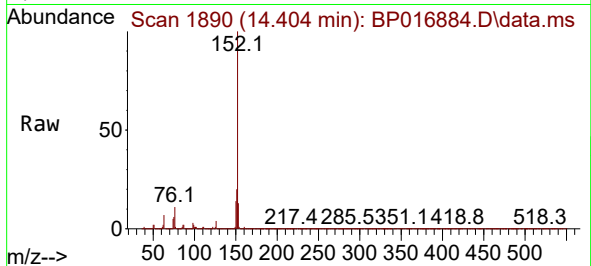




#50
Acenaphthylene
Concen: 36.107 ng/ul
RT: 14.404 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

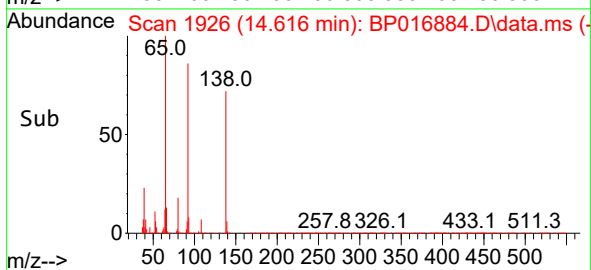
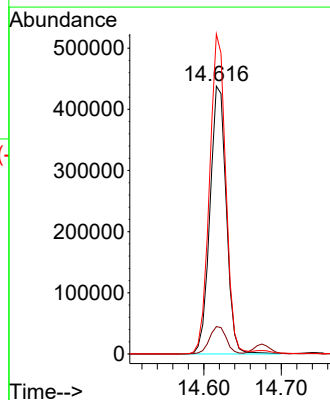
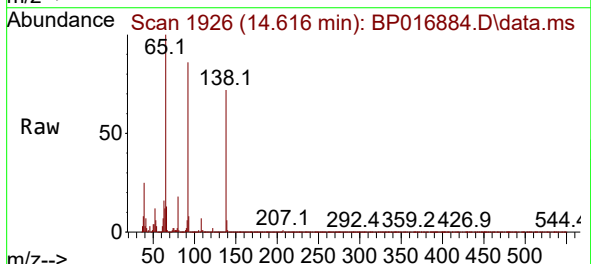
Instrument :
BNA_P
ClientSampleId :

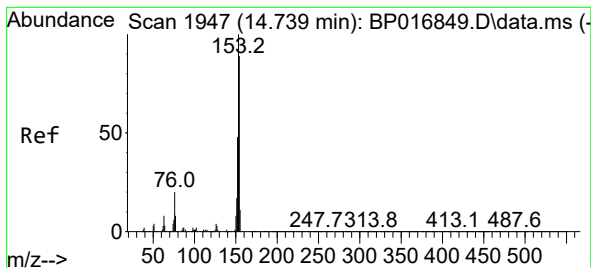
Tgt Ion:152 Resp: 3665818
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 39.460 ng/ul
RT: 14.616 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:138 Resp: 639824
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 119.5 95.4 143.0





#52

Acenaphthene

Concen: 37.380 ng/ul

RT: 14.740 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

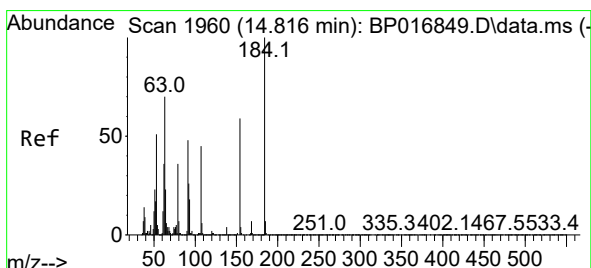
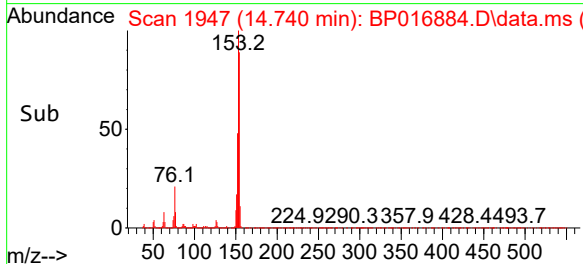
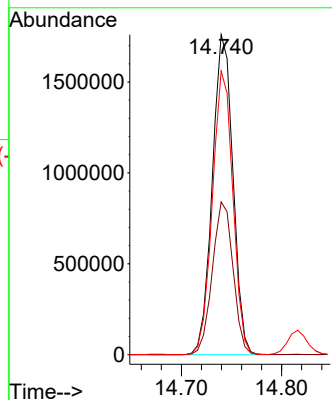
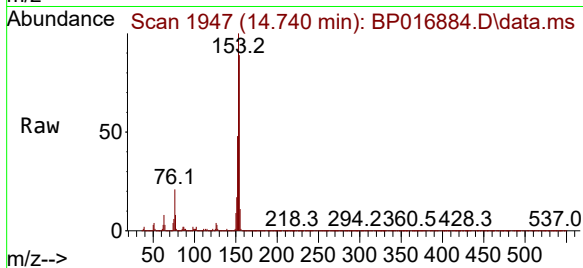
Tgt Ion:153 Resp: 2510711

Ion Ratio Lower Upper

153 100

152 47.7 38.5 57.7

154 88.6 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 25.663 ng/ul

RT: 14.816 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

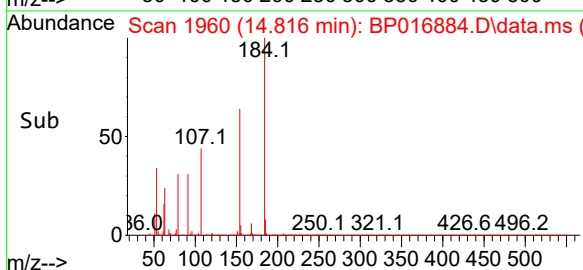
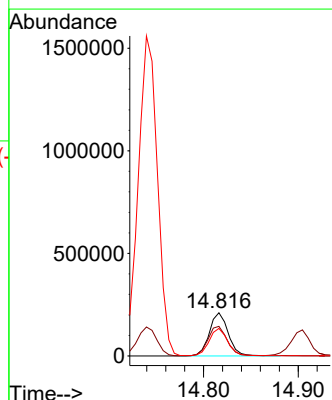
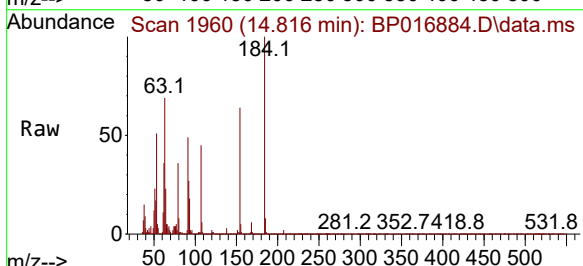
Tgt Ion:184 Resp: 290380

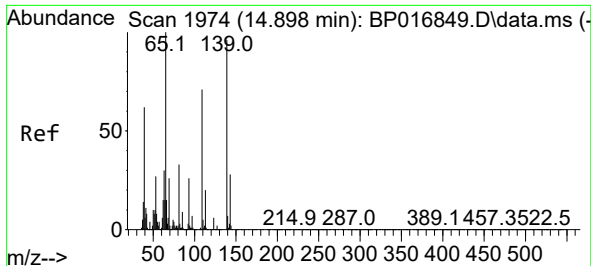
Ion Ratio Lower Upper

184 100

63 68.5 55.3 82.9

154 63.8 50.3 75.5

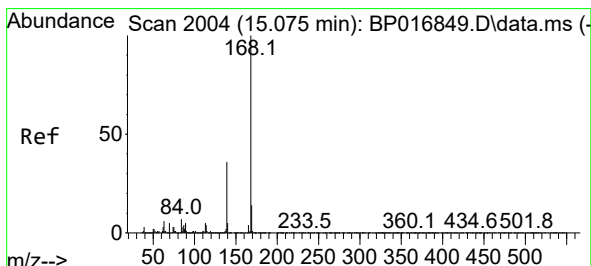
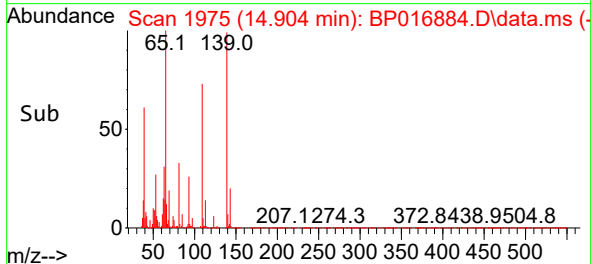
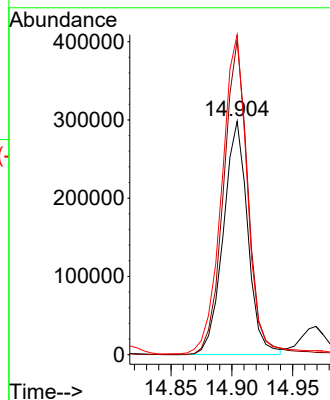
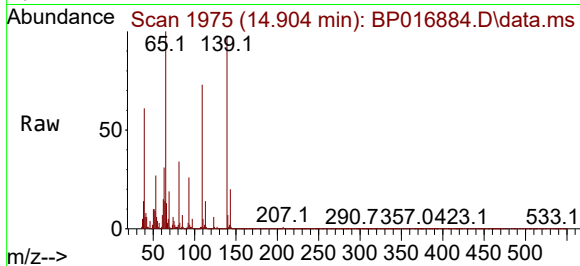




#55
4-Nitrophenol
Concen: 33.898 ng/ul
RT: 14.904 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

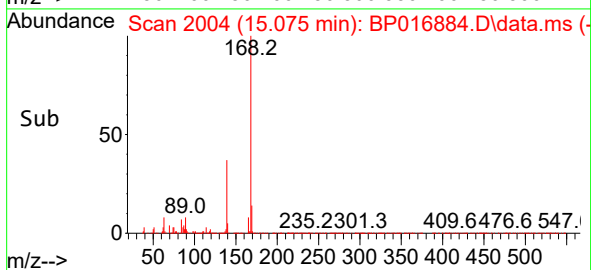
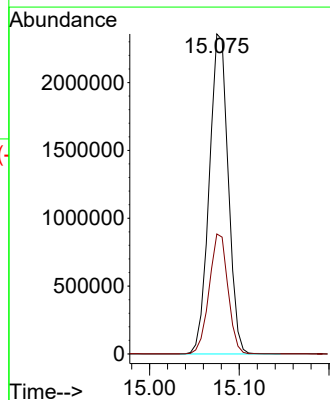
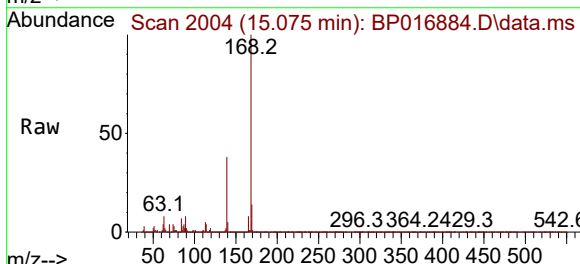
Instrument :
BNA_P
ClientSampleId :

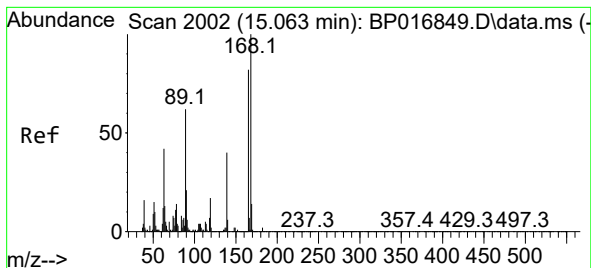
Tgt Ion:109 Resp: 415192
Ion Ratio Lower Upper
109 100
139 134.7 108.6 163.0
65 137.1 107.8 161.6



#56
Dibenzofuran
Concen: 37.495 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:168 Resp: 3455508
Ion Ratio Lower Upper
168 100
139 37.5 29.2 43.8

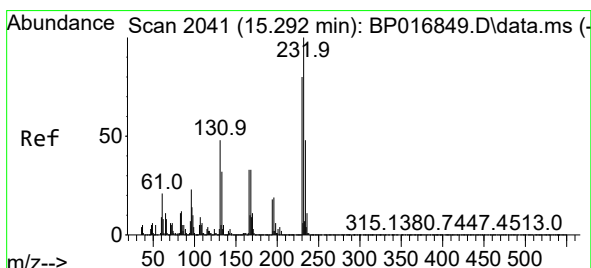
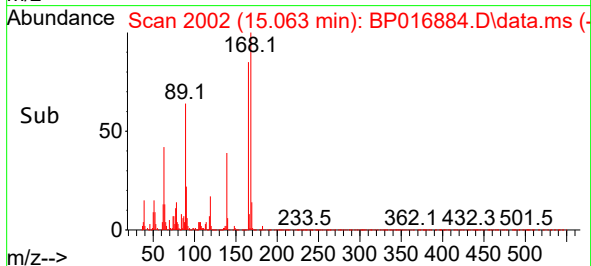
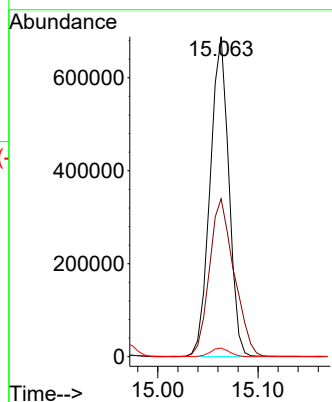
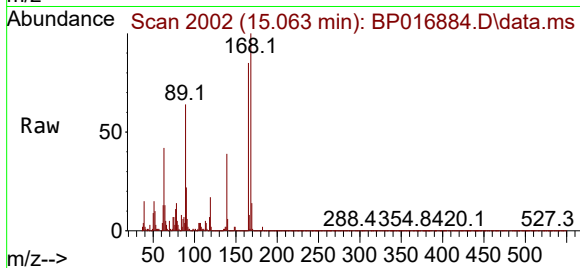




#57
2,4-Dinitrotoluene
Concen: 38.978 ng/ul
RT: 15.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

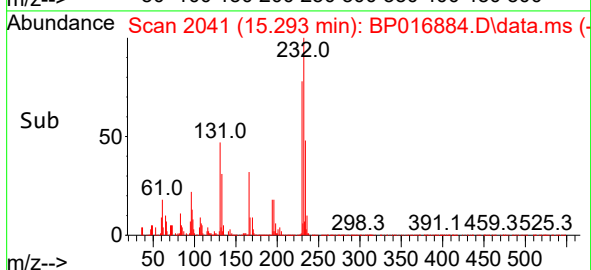
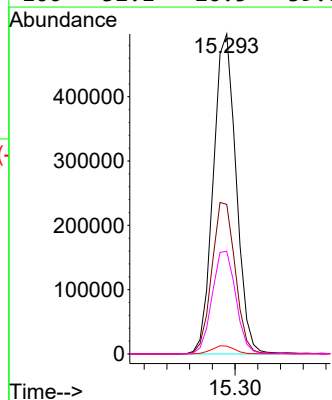
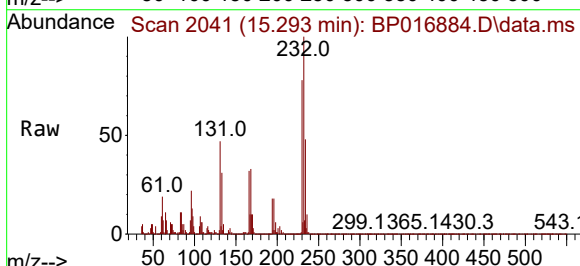
Instrument :
BNA_P
ClientSampleId :

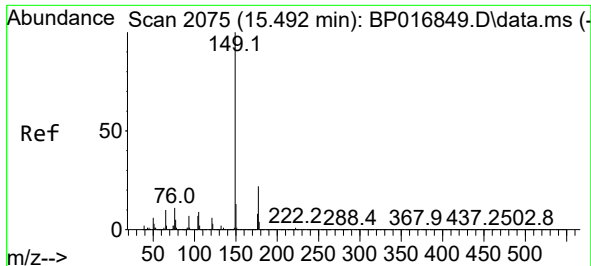
Tgt Ion:165 Resp: 893352
Ion Ratio Lower Upper
165 100
63 49.3 39.0 58.4
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 38.066 ng/ul
RT: 15.293 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:232 Resp: 694442
Ion Ratio Lower Upper
232 100
131 46.8 38.1 57.1
130 2.5 1.9 2.9
166 32.1 26.5 39.7

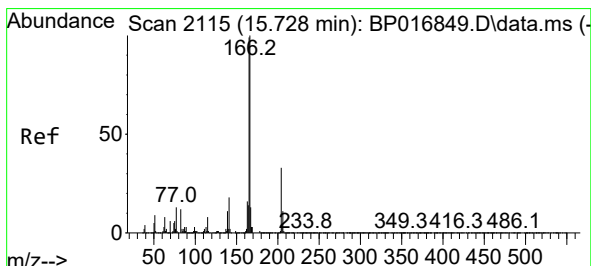
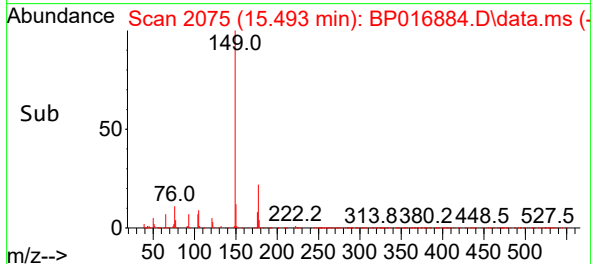
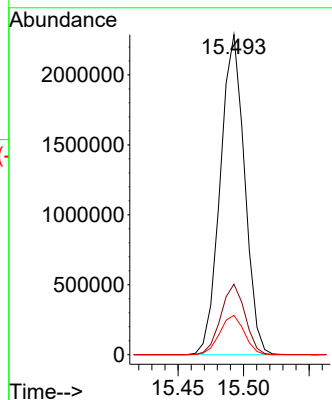
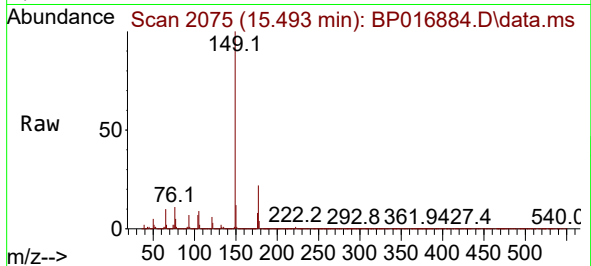




#59
Diethylphthalate
Concen: 36.523 ng/ul
RT: 15.493 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

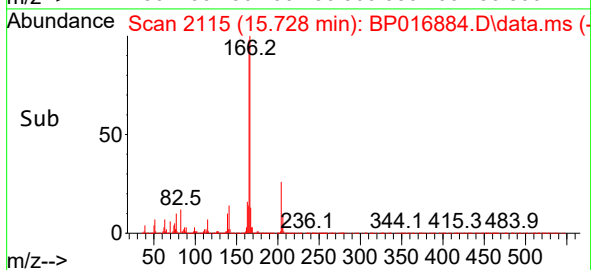
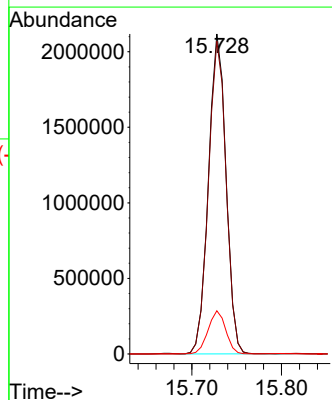
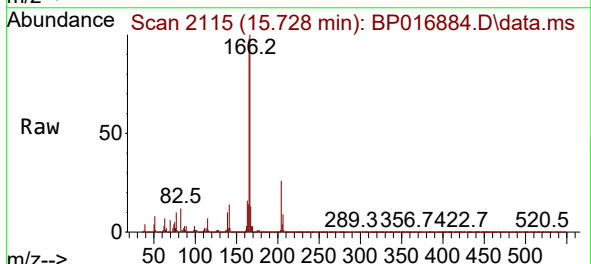
Instrument :
BNA_P
ClientSampleId :

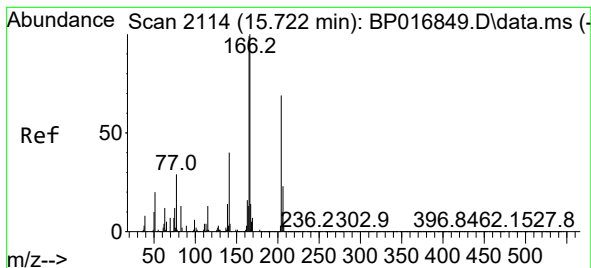
Tgt Ion:149 Resp: 2948506
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.3 10.2 15.2



#61
Fluorene
Concen: 37.331 ng/ul
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:166 Resp: 2877698
Ion Ratio Lower Upper
166 100
165 97.8 78.8 118.2
167 13.5 10.9 16.3

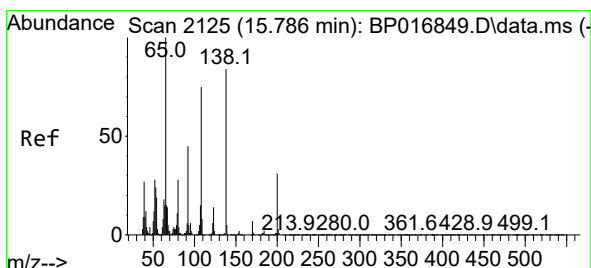
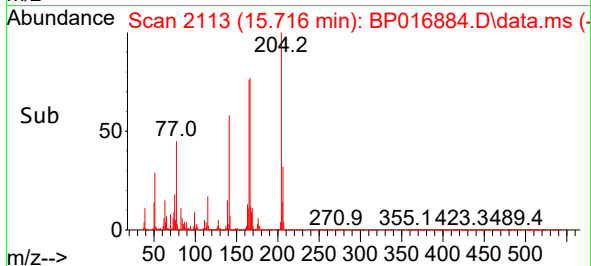
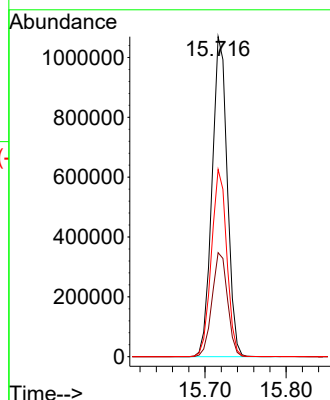
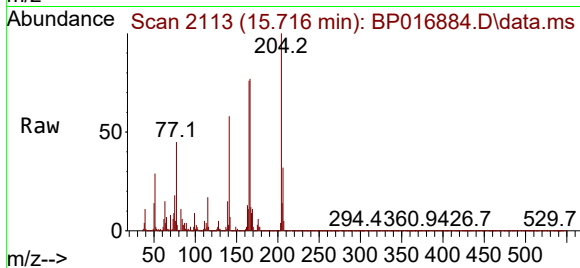




#62
4-Chlorophenyl-phenylether
Concen: 36.780 ng/ul
RT: 15.716 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

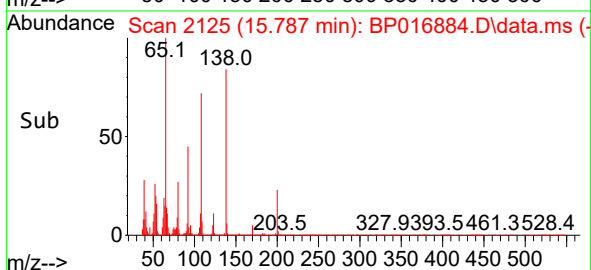
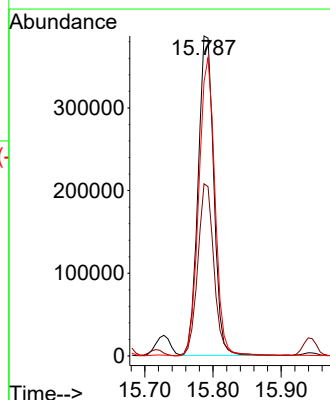
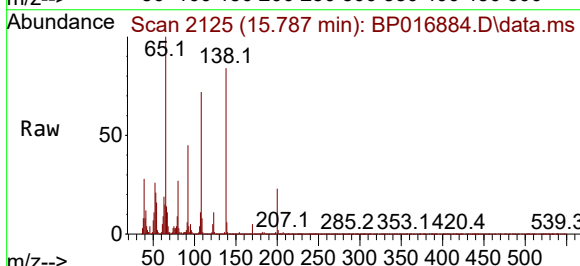
Instrument :
BNA_P
ClientSampleId :

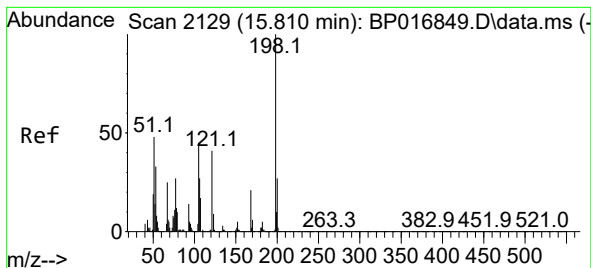
Tgt Ion:204 Resp: 1392022
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 58.5 46.8 70.2



#63
4-Nitroaniline
Concen: 40.083 ng/ul
RT: 15.787 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:138 Resp: 618434
Ion Ratio Lower Upper
138 100
92 53.8 41.6 62.4
108 85.7 74.9 112.3

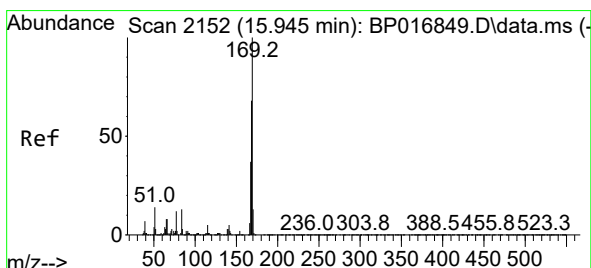
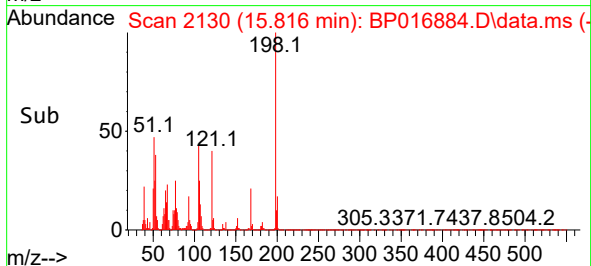
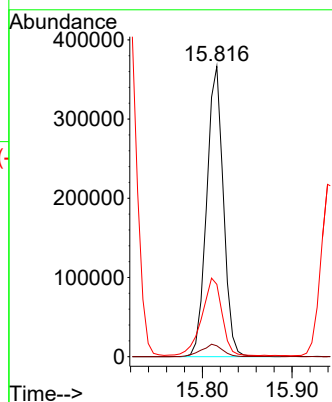
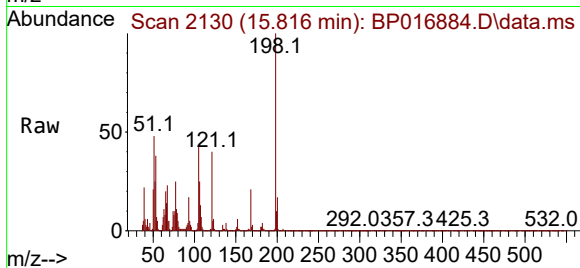




#66
 4,6-Dinitro-2-methylphenol
 Concen: 32.645 ng/ul
 RT: 15.816 min Scan# 2129
 Delta R.T. 0.006 min
 Lab File: BP016884.D
 Acq: 30 Aug 2023 22:30

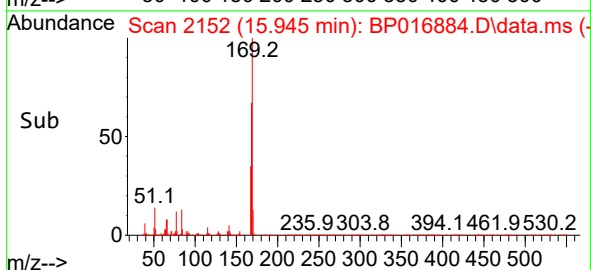
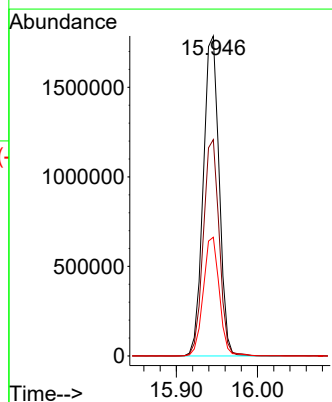
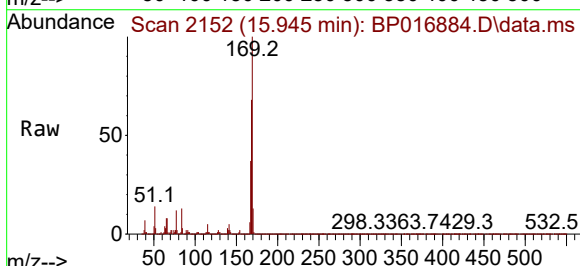
Instrument :
 BNA_P
 ClientSampleId :

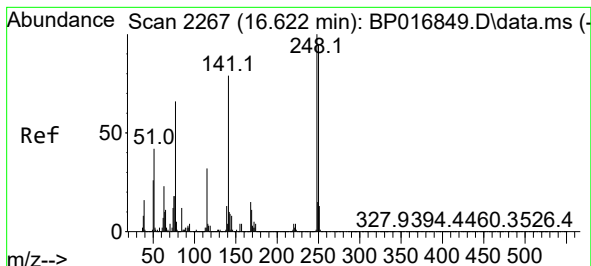
Tgt Ion:198 Resp: 473208
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.2 4.8
 77 24.9 20.7 31.1



#67
 N-Nitrosodiphenylamine
 Concen: 38.763 ng/ul
 RT: 15.945 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BP016884.D
 Acq: 30 Aug 2023 22:30

Tgt Ion:169 Resp: 2420498
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.2 81.2
 167 37.1 29.4 44.2

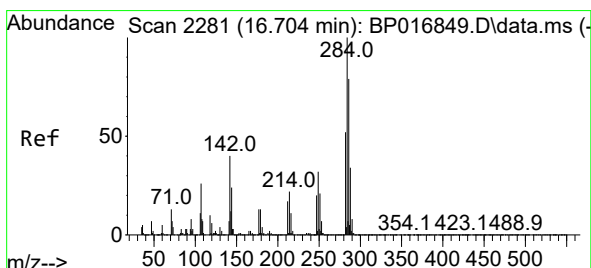
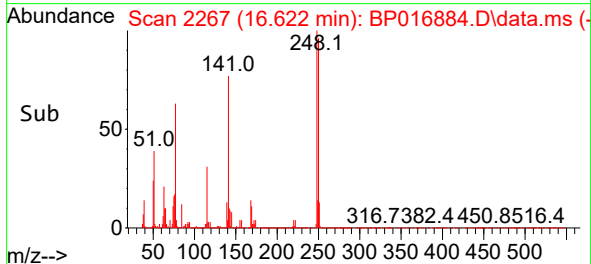
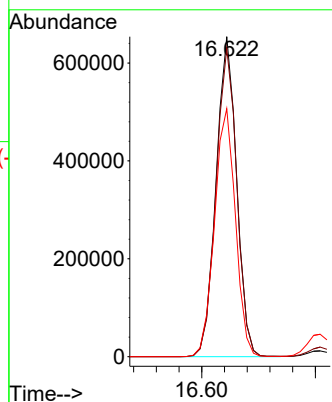
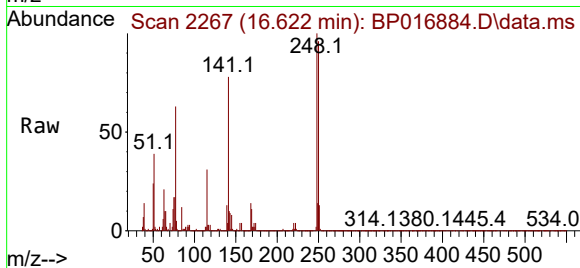




#68
4-Bromophenyl-phenylether
Concen: 37.991 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

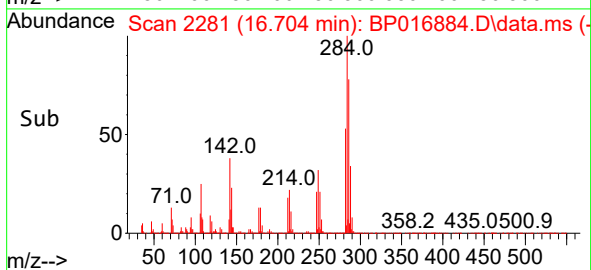
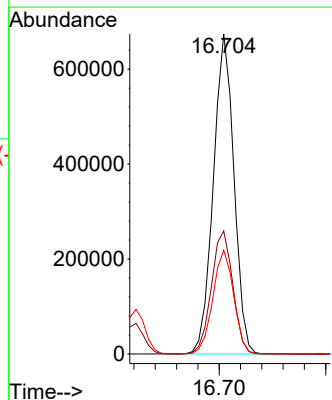
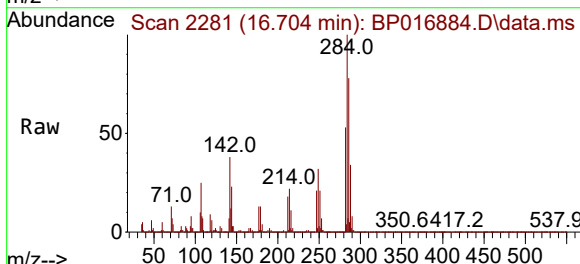
Instrument :
BNA_P
ClientSampleId :

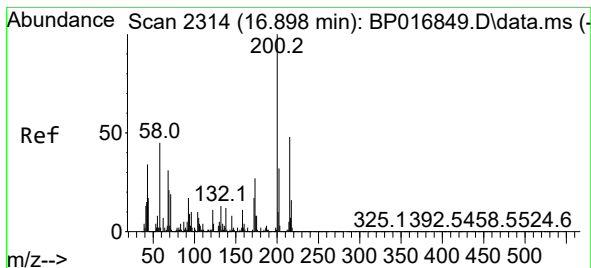
Tgt Ion:248 Resp: 822330
Ion Ratio Lower Upper
248 100
250 96.3 75.4 113.2
141 77.5 58.7 88.1



#69
Hexachlorobenzene
Concen: 37.319 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:284 Resp: 904457
Ion Ratio Lower Upper
284 100
142 38.4 29.8 44.8
249 32.4 25.9 38.9





#70

Atrazine

Concen: 34.565 ng/ul

RT: 16.898 min Scan# 2314

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

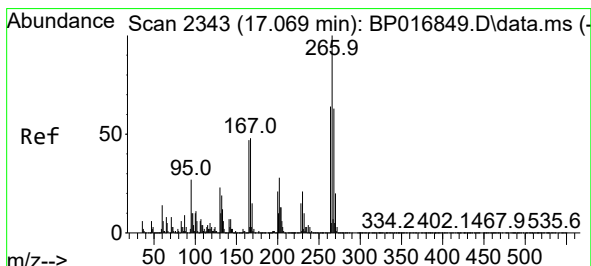
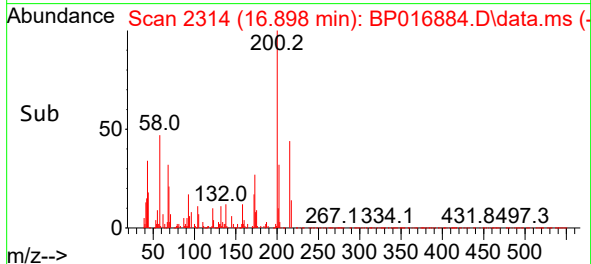
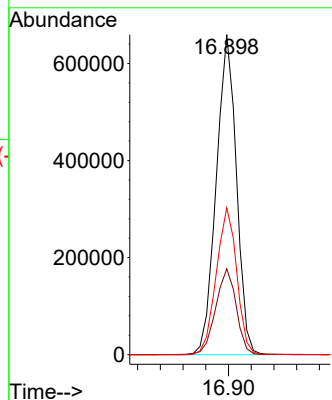
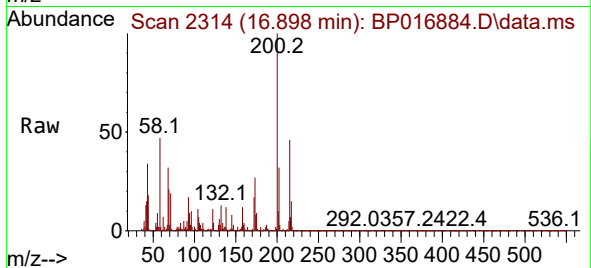
Tgt Ion:200 Resp: 813716

Ion Ratio Lower Upper

200 100

173 26.9 21.4 32.2

215 45.9 37.3 55.9



#71

Pentachlorophenol

Concen: 31.202 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

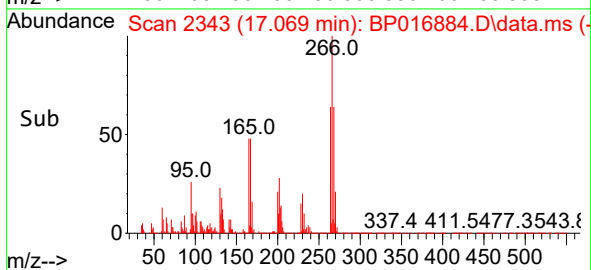
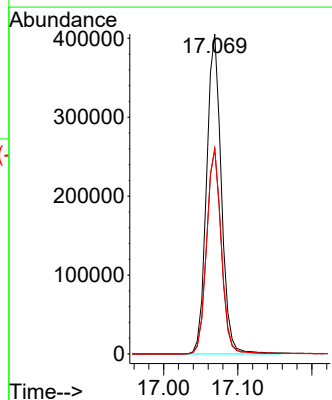
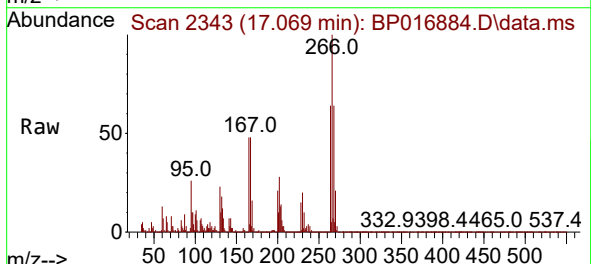
Tgt Ion:266 Resp: 561349

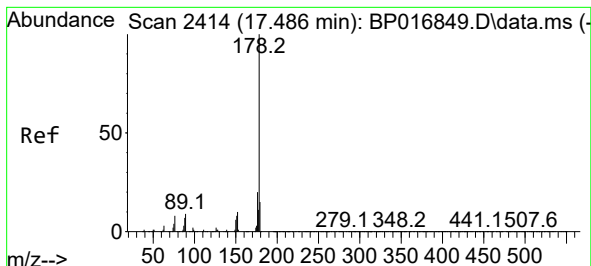
Ion Ratio Lower Upper

266 100

264 64.0 50.7 76.1

268 64.1 50.8 76.2





#72

Phenanthrene

Concen: 38.229 ng/ul

RT: 17.487 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

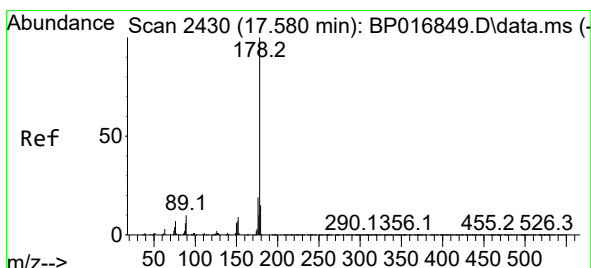
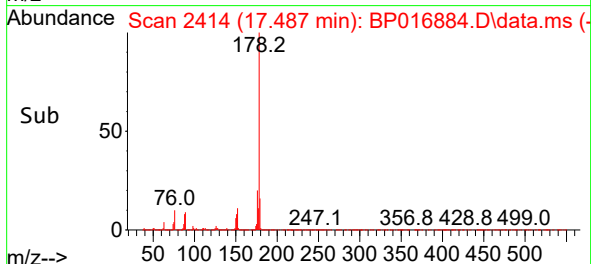
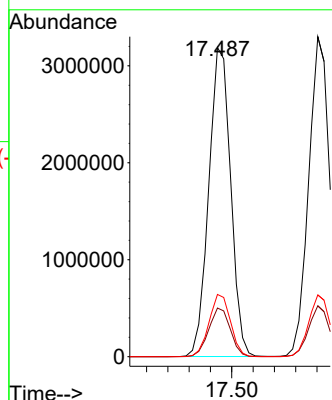
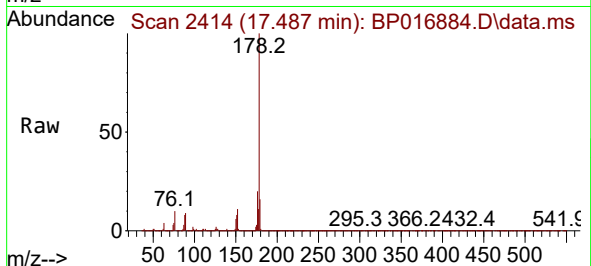
Tgt Ion:178 Resp: 4543748

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 20.2 15.6 23.4



#74

Anthracene

Concen: 37.865 ng/ul

RT: 17.581 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

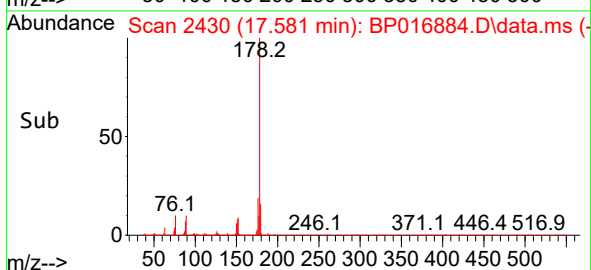
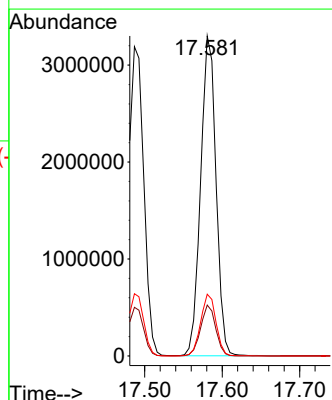
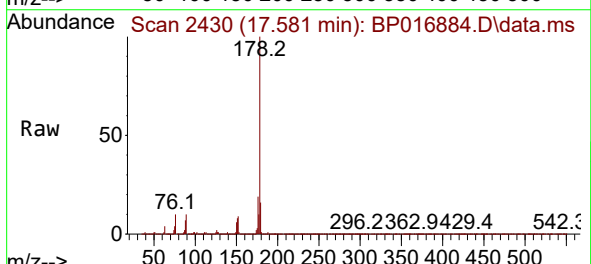
Tgt Ion:178 Resp: 4550620

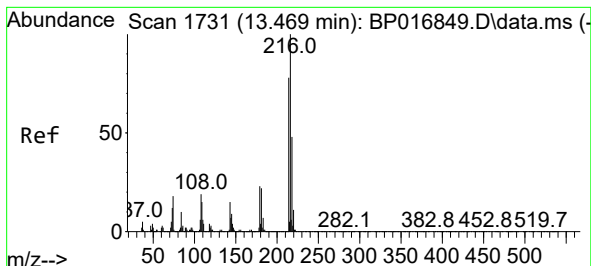
Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.3 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.620 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

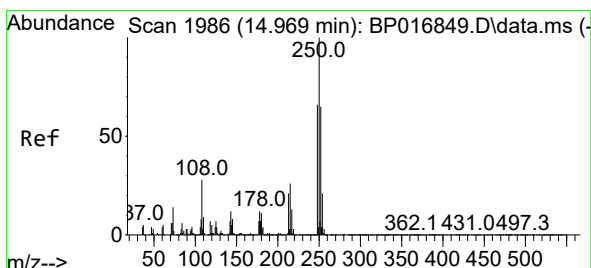
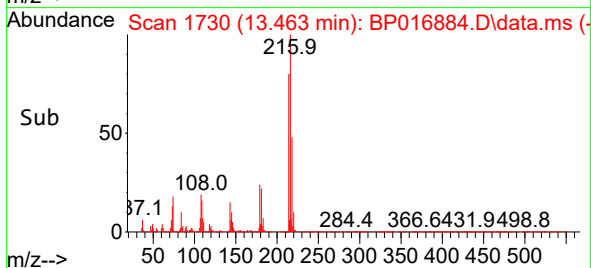
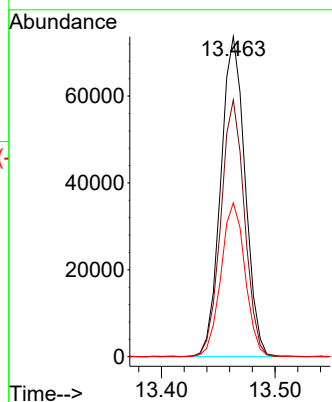
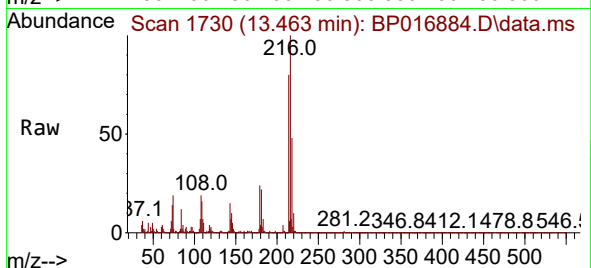
Tgt Ion:216 Resp: 109437

Ion Ratio Lower Upper

216 100

214 80.2 64.0 96.0

218 48.1 38.2 57.2



#76

Pentachlorobenzene

Concen: 40.321 ng/uL

RT: 14.969 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

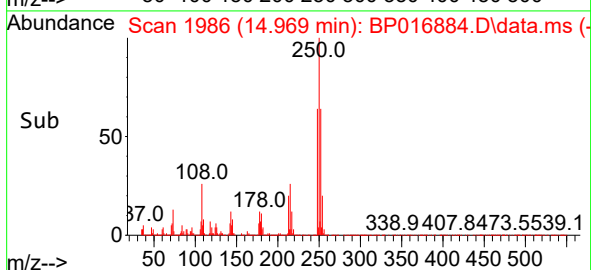
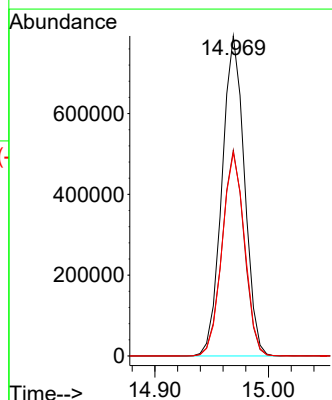
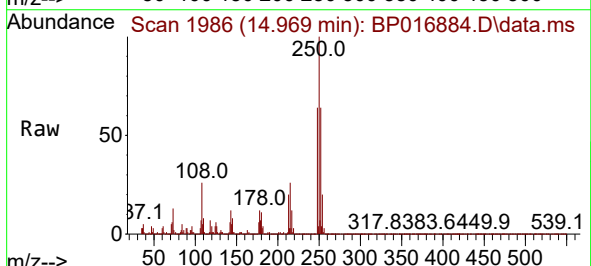
Tgt Ion:250 Resp: 1089290

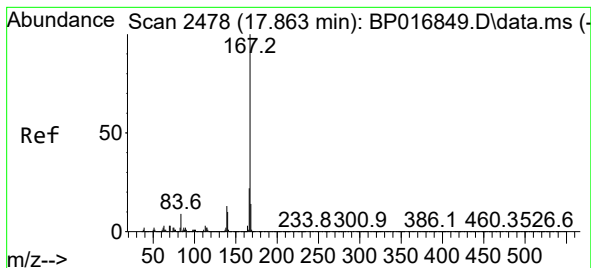
Ion Ratio Lower Upper

250 100

248 64.3 50.9 76.3

252 63.6 52.2 78.4





#77

Carbazole

Concen: 38.655 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

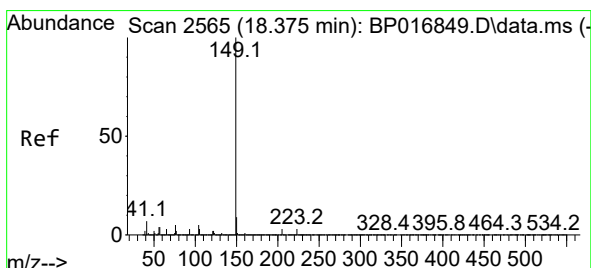
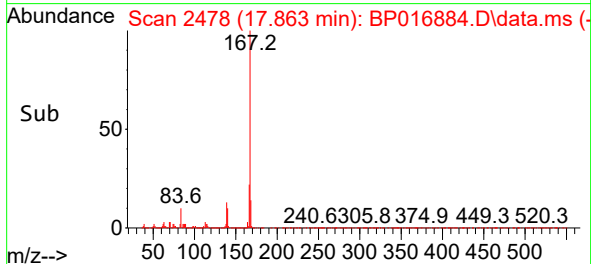
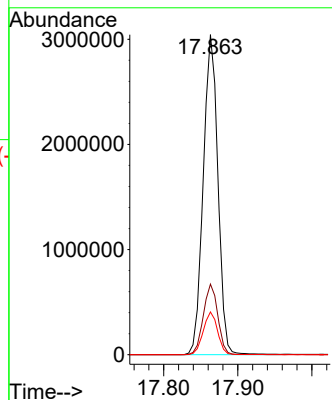
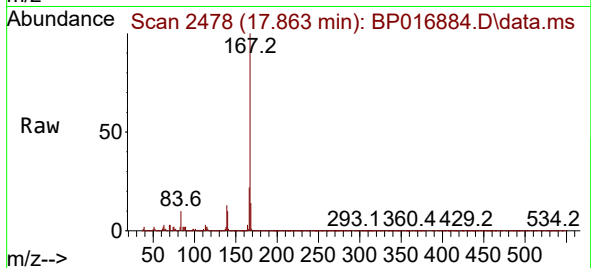
Tgt Ion:167 Resp: 4183893

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.3 10.4 15.6



#78

Di-n-butylphthalate

Concen: 38.079 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

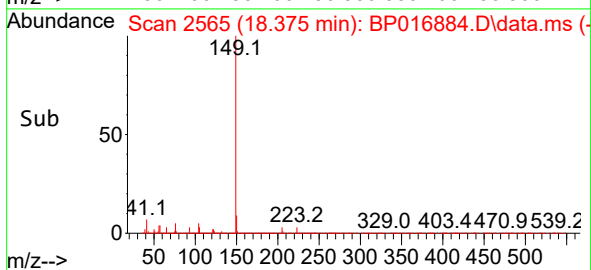
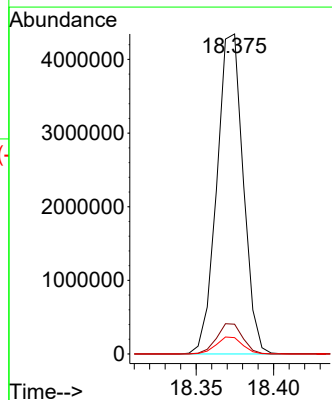
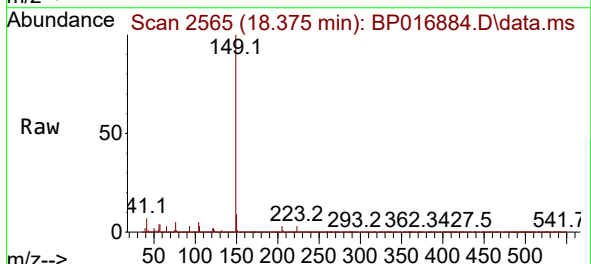
Tgt Ion:149 Resp: 5142032

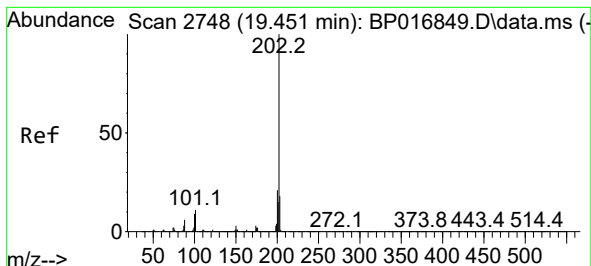
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.1 4.1 6.1





#80

Fluoranthene

Concen: 42.501 ng/ul

RT: 19.451 min Scan# 2748

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

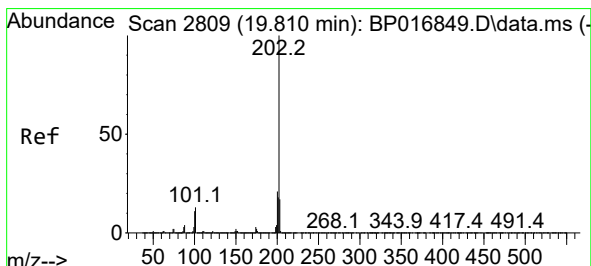
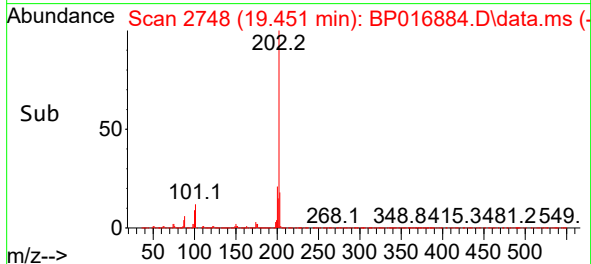
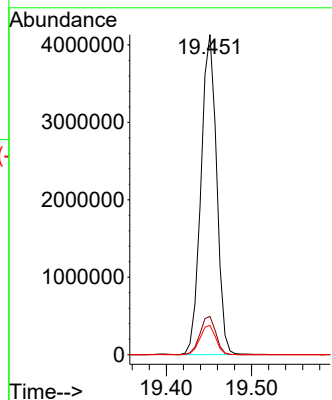
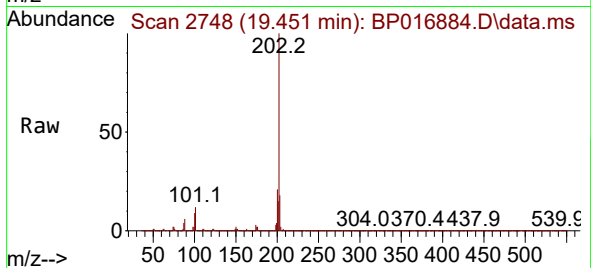
Tgt Ion:202 Resp: 5262918

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

100 9.2 7.4 11.2



#82

Pyrene

Concen: 42.211 ng/ul

RT: 19.810 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

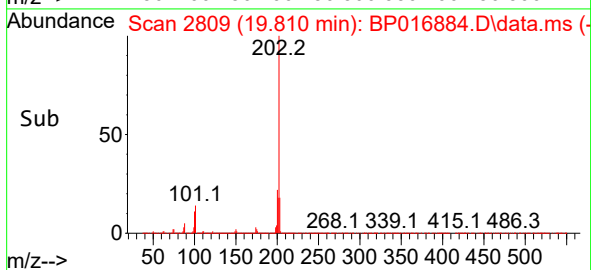
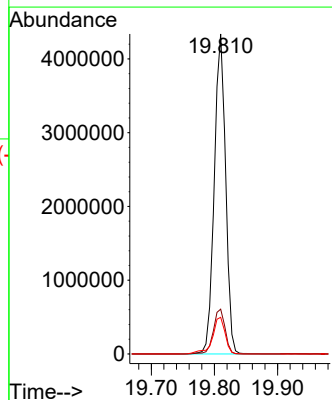
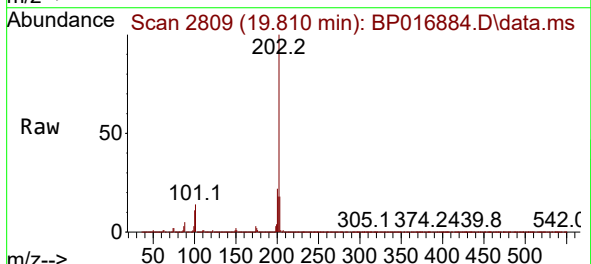
Tgt Ion:202 Resp: 5399257

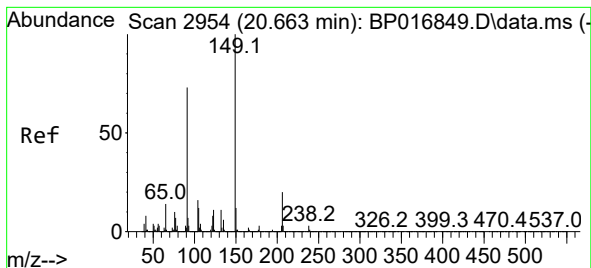
Ion Ratio Lower Upper

202 100

101 14.0 11.4 17.2

100 11.5 9.4 14.2





#83

Butylbenzylphthalate

Concen: 43.129 ng/ul

RT: 20.663 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

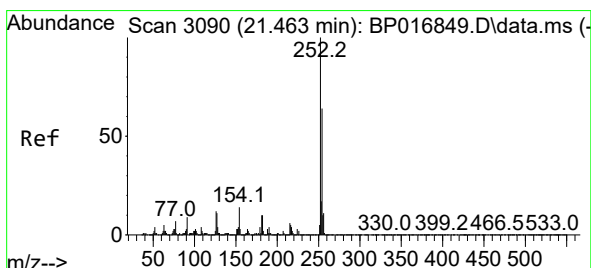
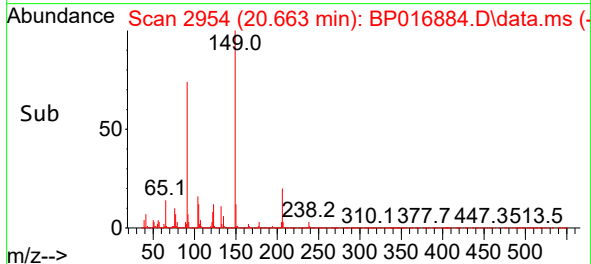
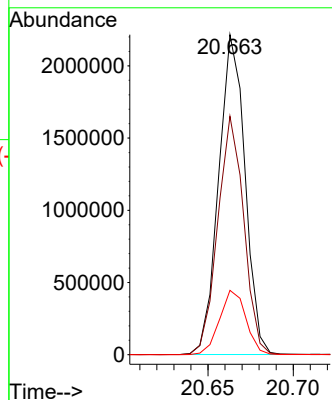
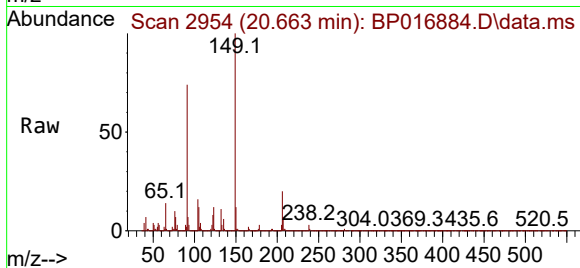
Tgt Ion:149 Resp: 2379195

Ion Ratio Lower Upper

149 100

91 74.5 58.5 87.7

206 20.1 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 38.276 ng/ul

RT: 21.463 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

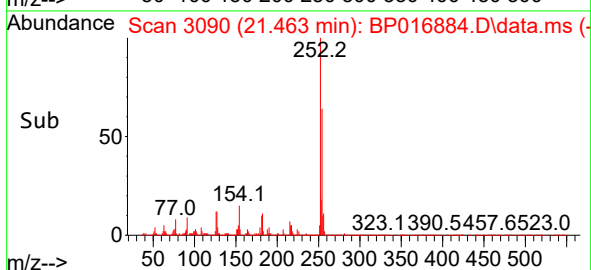
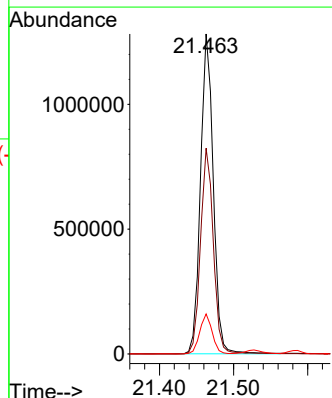
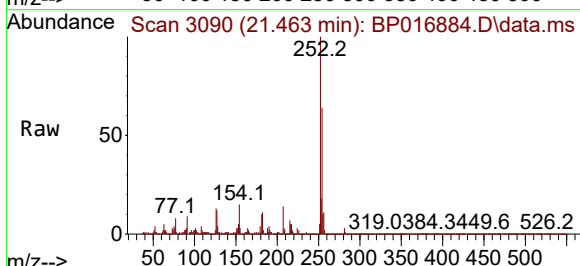
Tgt Ion:252 Resp: 1535553

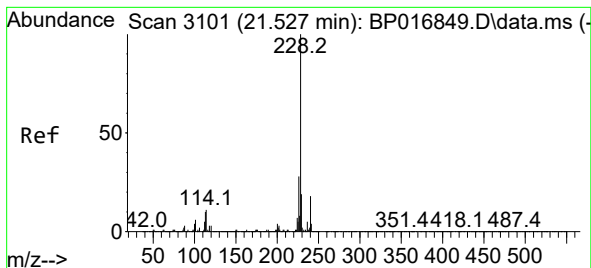
Ion Ratio Lower Upper

252 100

254 64.3 52.1 78.1

126 12.5 9.6 14.4





#85

Benzo(a)anthracene

Concen: 38.349 ng/ul

RT: 21.528 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

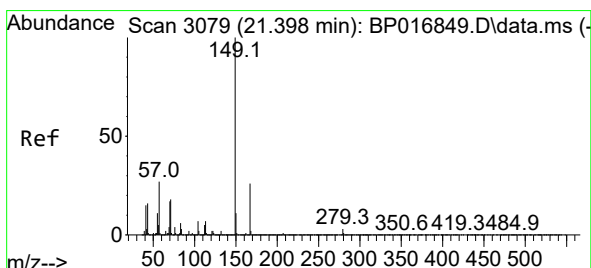
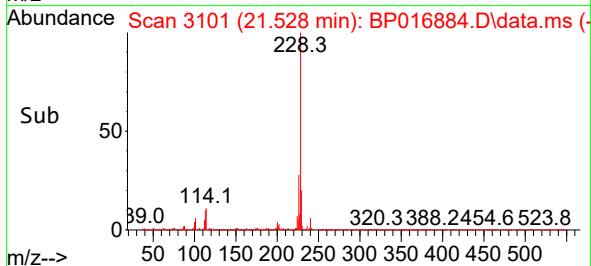
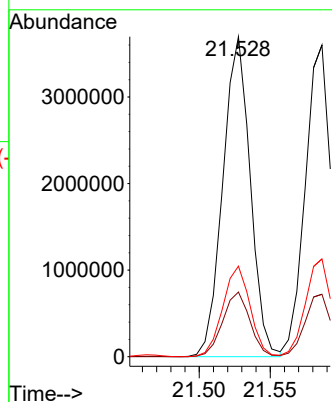
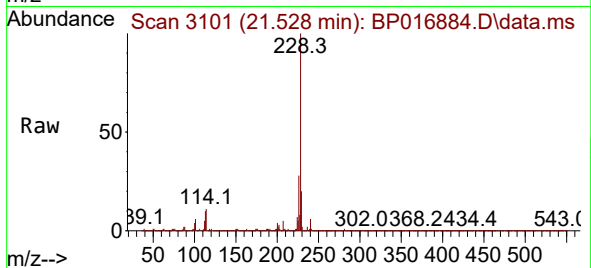
Tgt Ion:228 Resp: 4957910

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.4

226 28.3 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.516 ng/ul

RT: 21.398 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

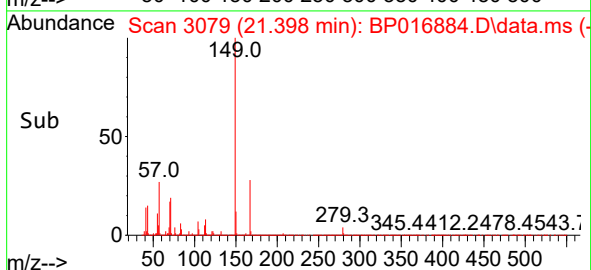
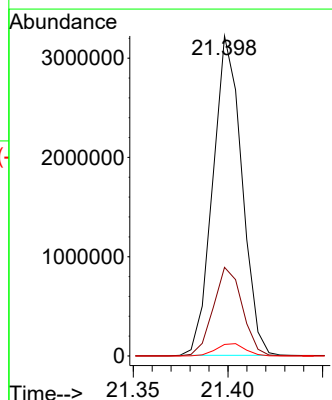
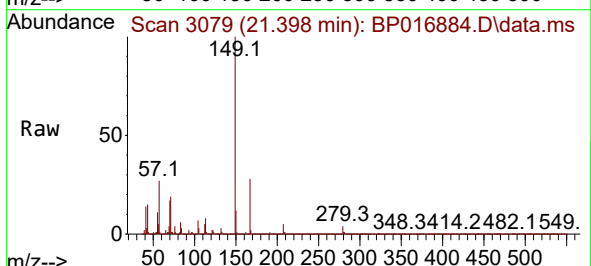
Tgt Ion:149 Resp: 3424586

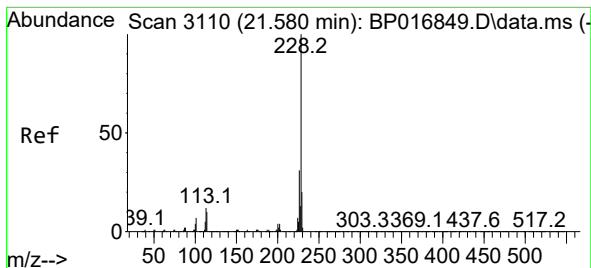
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 3.6 3.0 4.4





#87

Chrysene

Concen: 39.043 ng/ul

RT: 21.586 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

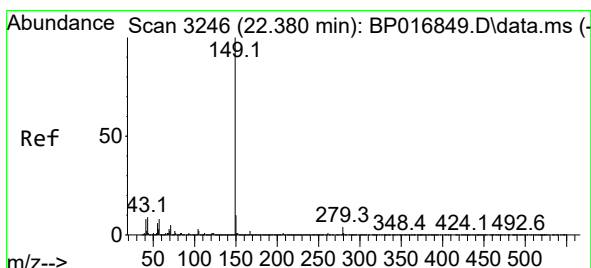
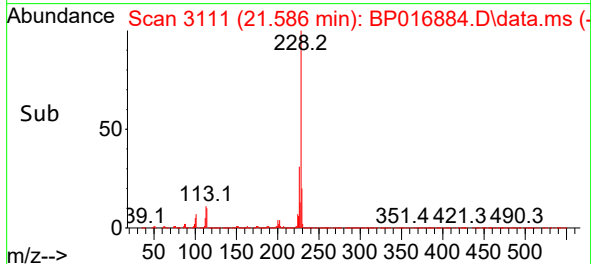
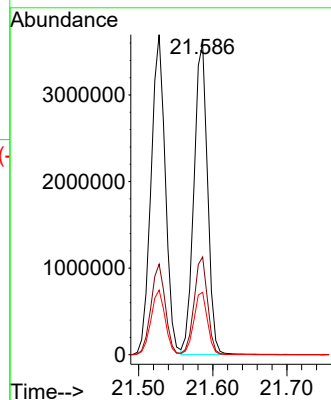
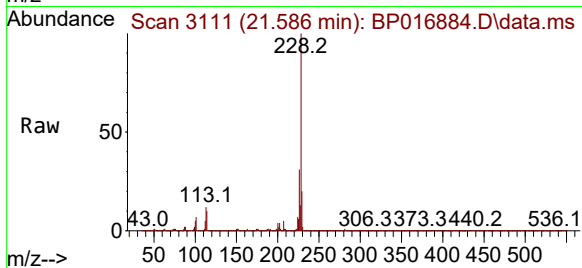
Tgt Ion:228 Resp: 4585055

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

229 20.0 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 47.132 ng/ul

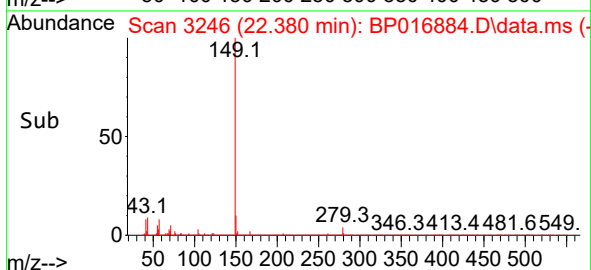
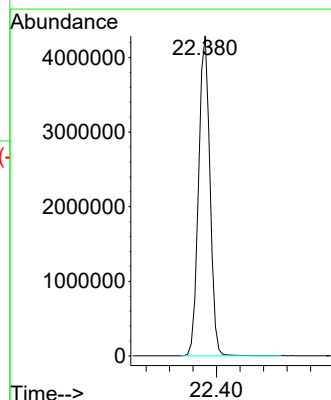
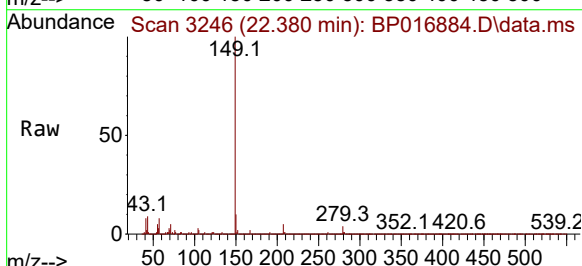
RT: 22.380 min Scan# 3246

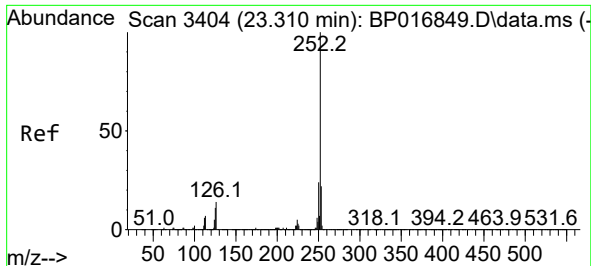
Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Tgt Ion:149 Resp: 5726434

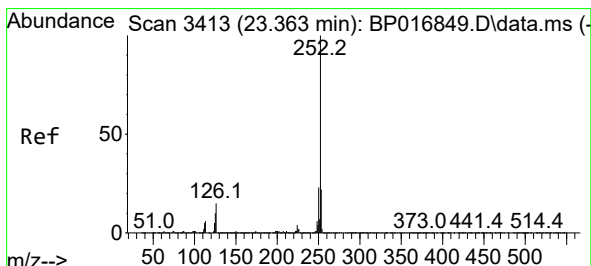
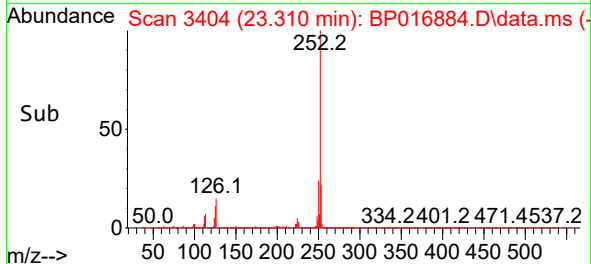
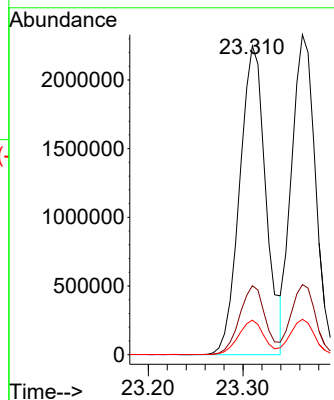
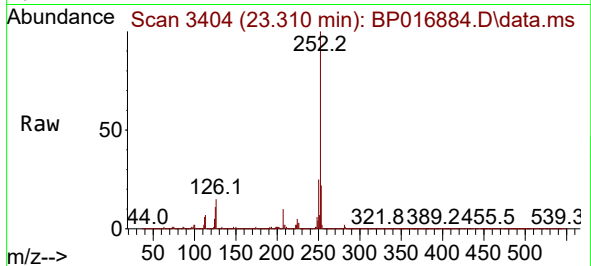




#90
Benzo(b)fluoranthene
Concen: 42.011 ng/ul
RT: 23.310 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

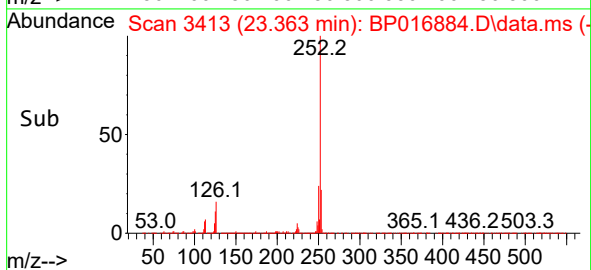
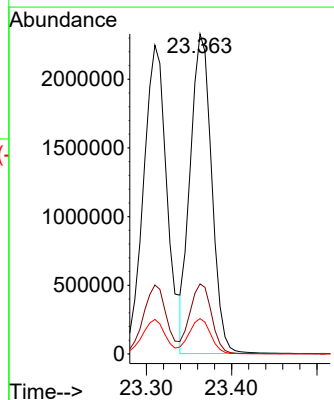
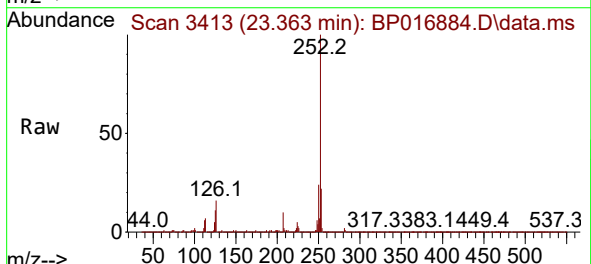
Instrument :
BNA_P
ClientSampleId :

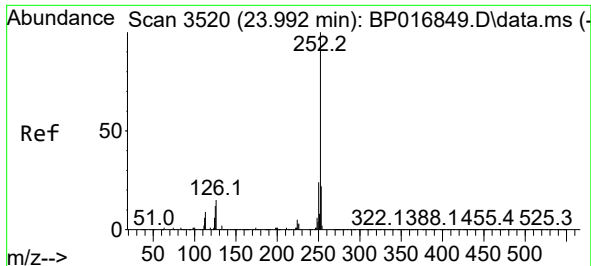
Tgt Ion:252 Resp: 4328120
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.2 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 39.795 ng/ul
RT: 23.363 min Scan# 3413
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:252 Resp: 4054735
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.1 8.9 13.3

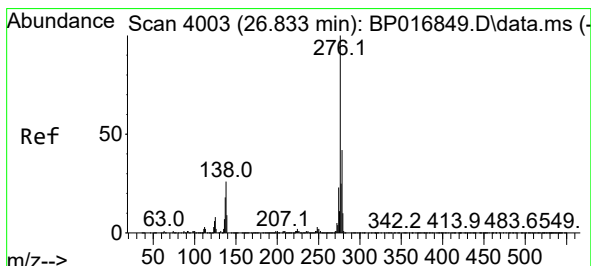
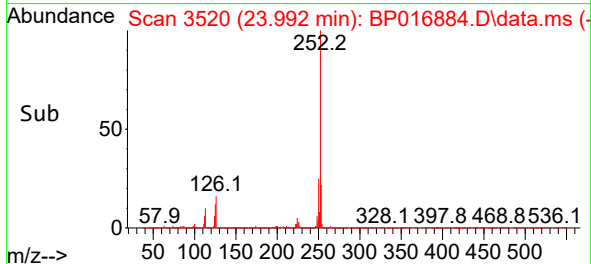
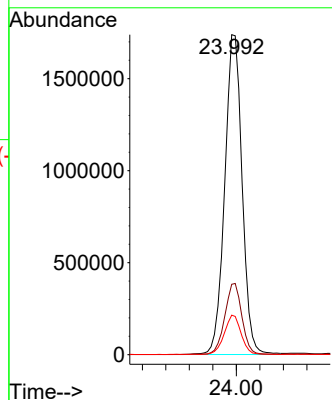
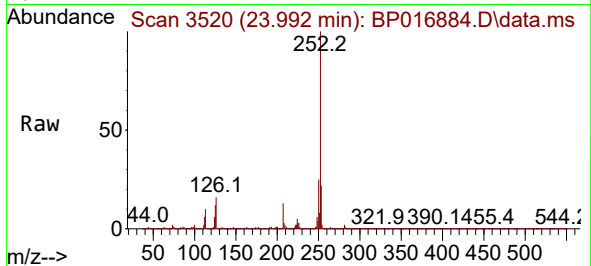




#93
Benzo(a)pyrene
Concen: 38.327 ng/ul
RT: 23.992 min Scan# 3520
Delta R.T. 0.000 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

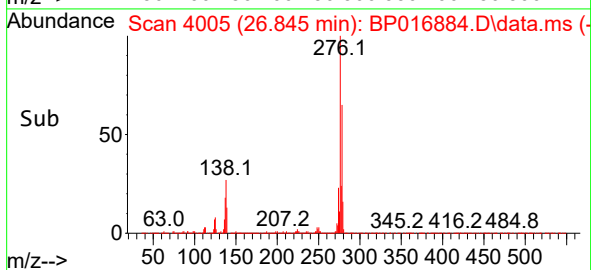
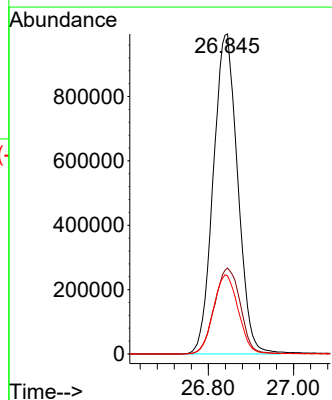
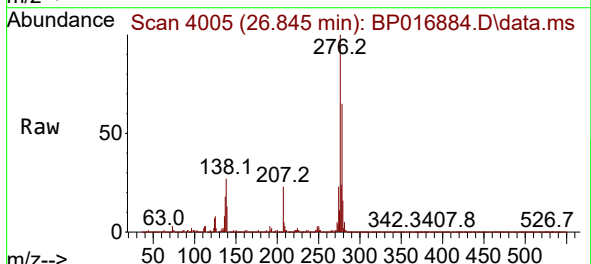
Instrument :
BNA_P
ClientSampleId :

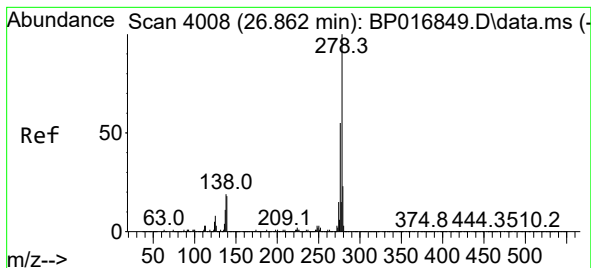
Tgt Ion:252 Resp: 3571588
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 12.3 9.9 14.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 41.469 ng/ul
RT: 26.845 min Scan# 4005
Delta R.T. 0.012 min
Lab File: BP016884.D
Acq: 30 Aug 2023 22:30

Tgt Ion:276 Resp: 3948832
Ion Ratio Lower Upper
276 100
138 26.9 20.9 31.3
277 24.5 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 41.625 ng/ul

RT: 26.863 min Scan# 4008

Delta R.T. 0.000 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Instrument :

BNA_P

ClientSampleId :

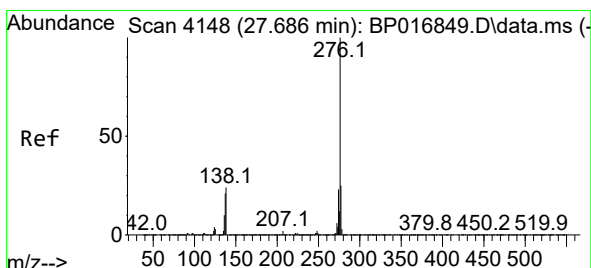
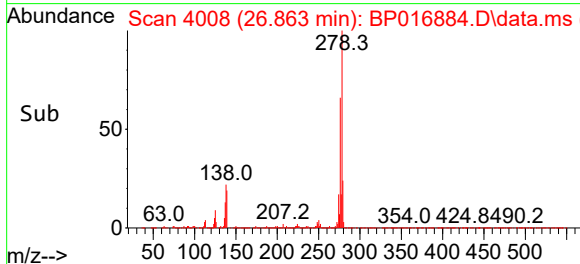
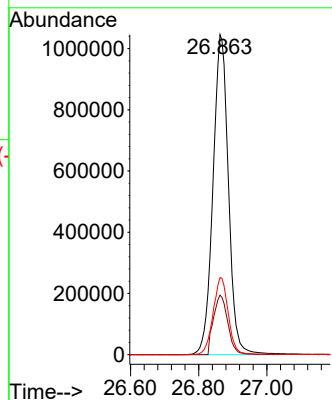
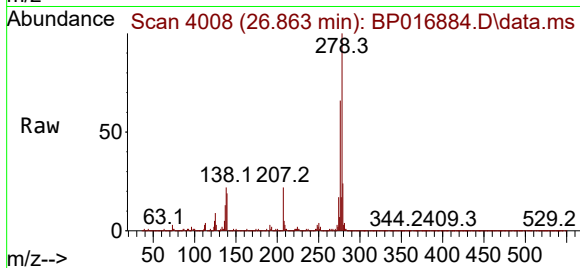
Tgt Ion:278 Resp: 3292186

Ion Ratio Lower Upper

278 100

139 18.6 15.0 22.6

279 24.1 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 43.124 ng/ul

RT: 27.692 min Scan# 4149

Delta R.T. 0.006 min

Lab File: BP016884.D

Acq: 30 Aug 2023 22:30

Tgt Ion:276 Resp: 3113292

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 24.9 19.3 28.9

