

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016885.D
 Acq On : 30 Aug 2023 23:04
 Operator : MA/JU
 Sample : PB155124BS
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:54:26 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	314969	20.000	ng/u1	0.00
20) Naphthalene-d8	10.851	136	1404007	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	869688	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1868271	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1558794	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1326077	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	52159	6.844	ng/uL	0.00
4) Pyridine-d5	3.811	84	746844	32.069	ng/u1	0.00
7) Phenol-d5	7.163	99	1009367	36.040	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	607073	34.009	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	749160	35.576	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	773835	33.846	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	372328	35.073	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	409131	36.563	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	771498	36.983	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	1026976	32.102	ng/u1	0.00
46) Dimethylphthalate-d6	14.086	166	2237511	34.115	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	2597352	35.032	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	405425	29.907	ng/u1	0.00
60) Fluorene-d10	15.669	176	1947782	35.266	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	340183	30.575	ng/u1	0.00
73) Anthracene-d10	17.545	188	2918532	35.243	ng/u1	0.00
81) Pyrene-d10	19.780	212	3403405	39.754	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	2495617	37.571	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	107045	12.898	ng/uL	96
5) Pyridine	3.828	79	765786	31.922	ng/u1	96
6) Benzaldehyde	7.175	77	608256	39.713	ng/u1	99
8) Phenol	7.193	94	1076875	36.740	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.452	93	830868	35.118	ng/u1	100
12) 2-Chlorophenol	7.575	128	801013	37.215	ng/u1	99
13) 2-Methylphenol	8.457	108	779959	35.474	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	731841	21.205	ng/u1	99
16) Acetophenone	8.869	105	1279352	36.087	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.846	70	677784	36.278	ng/u1	99
18) 4-Methylphenol	8.793	108	862177	36.011	ng/u1	99
19) Hexachloroethane	9.093	117	311939	34.831	ng/u1	98
22) Nitrobenzene	9.263	77	1002125	36.797	ng/u1	99
23) Isophorone	9.781	82	1875045	35.449	ng/u1	100
25) 2-Nitrophenol	9.969	139	463960	37.499	ng/u1	99
26) 2,4-Dimethylphenol	10.004	107	755719	30.389	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.263	93	1155302	35.403	ng/u1	99
29) 2,4-Dichlorophenol	10.487	162	796380	38.005	ng/u1	100
30) Naphthalene	10.904	128	2630953	36.174	ng/u1	100
32) 4-Chloroaniline	11.034	127	1037534	33.002	ng/u1	99
33) Hexachlorobutadiene	11.134	225	444657	34.449	ng/u1	98
34) Caprolactam	11.857	113	270555	35.011	ng/u1	97
35) 4-Chloro-3-methylphenol	12.128	107	877788	37.355	ng/u1	100
36) 2-Methylnaphthalene	12.504	142	1791214	35.681	ng/u1	100

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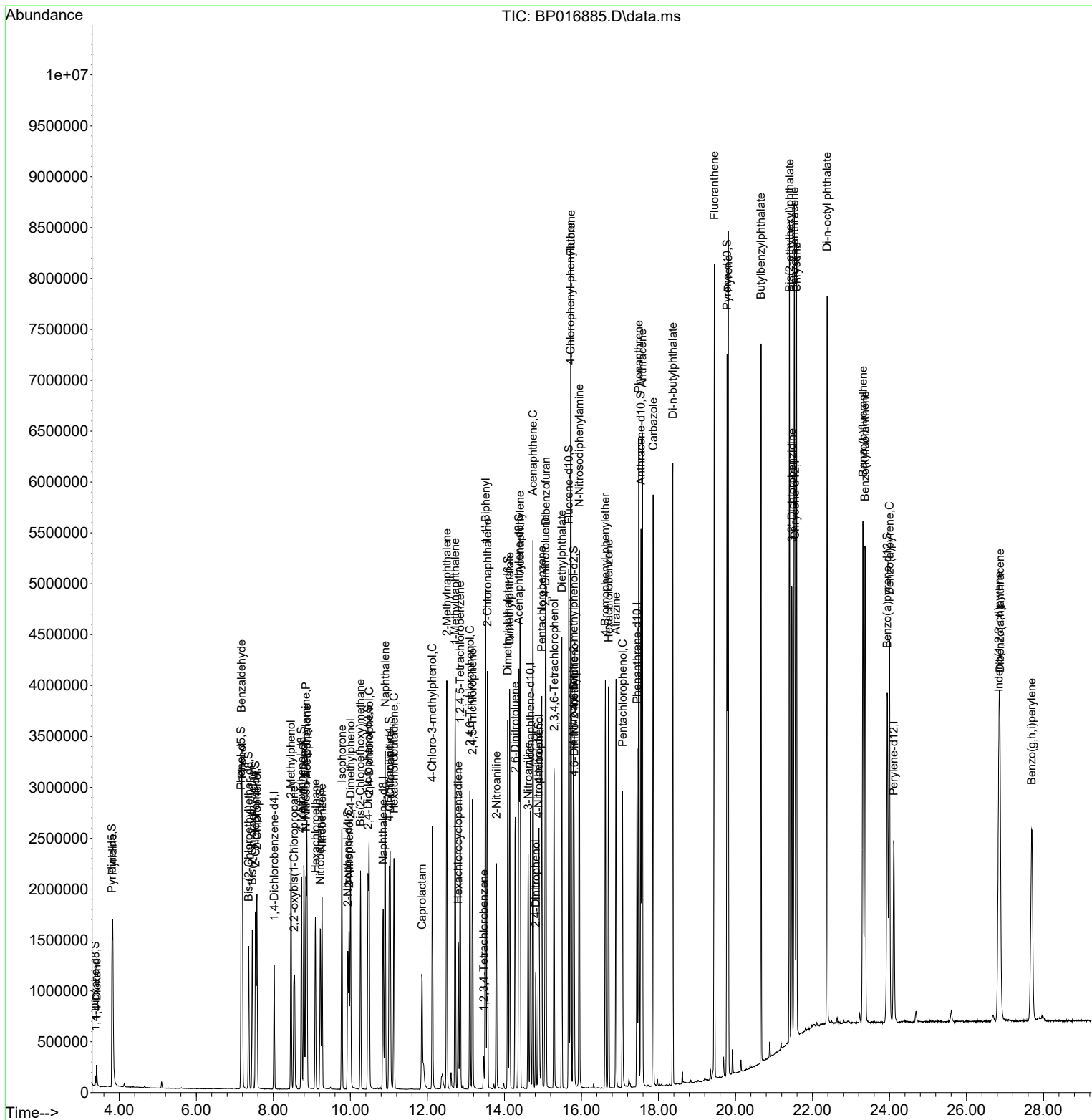
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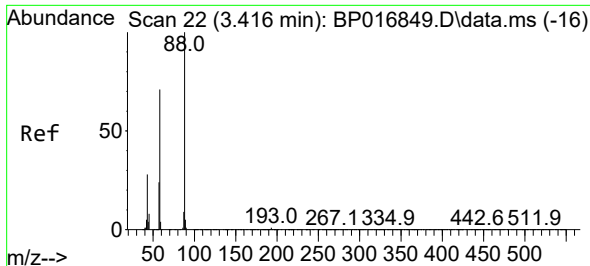
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1748077	34.531	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.851	216	882225	35.592	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	363962	19.967	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	624770	37.744	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	680477	37.991	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	2406788	37.221	ng/ul	99
44) 2-Chloronaphthalene	13.557	162	1892225	37.069	ng/ul	100
45) 2-Nitroaniline	13.792	65	597509	38.597	ng/ul	97
47) Dimethylphthalate	14.134	163	2365620	35.615	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	488674	37.545	ng/ul	99
50) Acenaphthylene	14.404	152	2975195	35.059	ng/ul	100
51) 3-Nitroaniline	14.616	138	512830	37.839	ng/ul	99
52) Acenaphthene	14.739	153	2041055	36.355	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	219792	23.239	ng/ul	98
55) 4-Nitrophenol	14.898	109	334232	32.647	ng/ul	95
56) Dibenzofuran	15.075	168	2830925	36.750	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	718753	37.518	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.292	232	559113	36.666	ng/ul	97
59) Diethylphthalate	15.492	149	2389115	35.405	ng/ul	99
61) Fluorene	15.728	166	2346732	36.421	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	1127967	35.656	ng/ul	98
63) 4-Nitroaniline	15.786	138	495814	38.446	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.810	198	367483	30.635	ng/ul	96
67) N-Nitrosodiphenylamine	15.945	169	1950599	37.749	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	662642	36.994	ng/ul	96
69) Hexachlorobenzene	16.704	284	717903	35.796	ng/ul	96
70) Atrazine	16.898	200	642761	32.994	ng/ul	99
71) Pentachlorophenol	17.069	266	441979	29.688	ng/ul	100
72) Phenanthrene	17.486	178	3710388	37.724	ng/ul	99
74) Anthracene	17.580	178	3617597	36.376	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	89259	3.568	ng/uL	96
76) Pentachlorobenzene	14.969	250	884174	39.550	ng/uL	99
77) Carbazole	17.863	167	3439620	38.402	ng/ul	100
78) Di-n-butylphthalate	18.375	149	4156709	37.198	ng/ul	100
80) Fluoranthene	19.451	202	4288165	41.697	ng/ul	100
82) Pyrene	19.810	202	4412170	41.534	ng/ul	99
83) Butylbenzylphthalate	20.663	149	1914499	41.788	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	1227847	36.852	ng/ul	99
85) Benzo(a)anthracene	21.527	228	4032491	37.557	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2750659	41.119	ng/ul	99
87) Chrysene	21.586	228	3748888	38.437	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	4570843	45.771	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3523747	41.613	ng/ul	99
91) Benzo(k)fluoranthene	23.362	252	3338264	39.861	ng/ul	99
93) Benzo(a)pyrene	23.998	252	2914283	38.048	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	3223268	41.182	ng/ul	100
95) Dibenzo(a,h)anthracene	26.868	278	2653999	40.826	ng/ul	100
96) Benzo(g,h,i)perylene	27.692	276	2554971	43.057	ng/ul	100

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

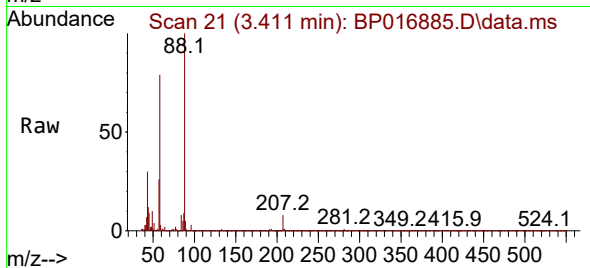
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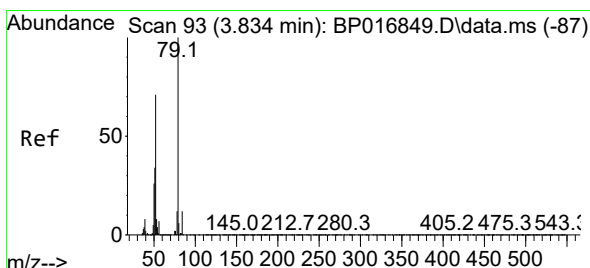
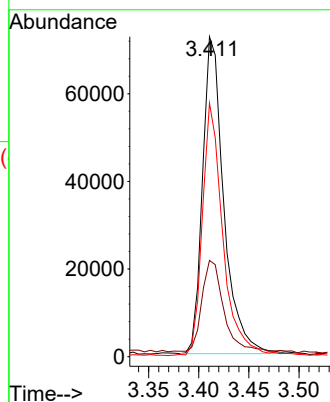
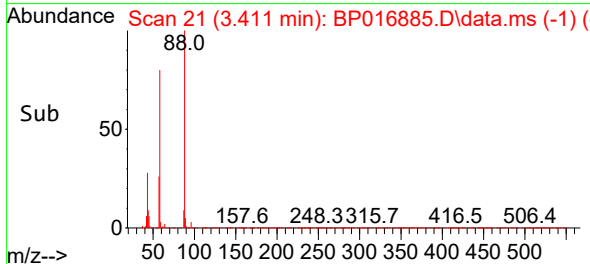


#2
 1,4-Dioxane
 Concen: 12.898 ng/uL
 RT: 3.411 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP016885.D
 Acq: 30 Aug 2023 23:04

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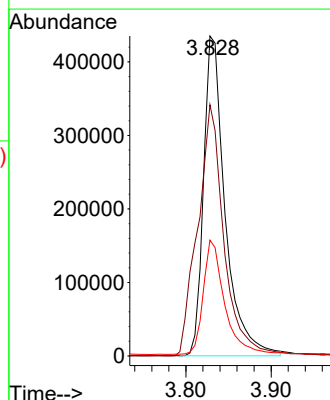
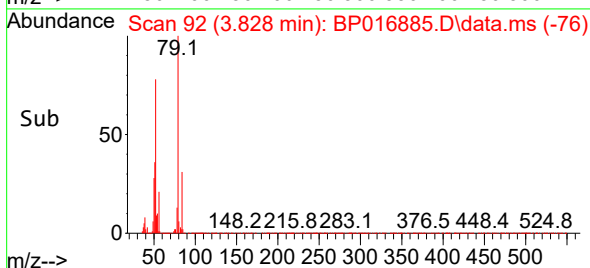
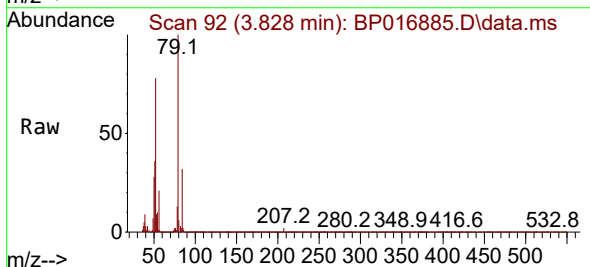


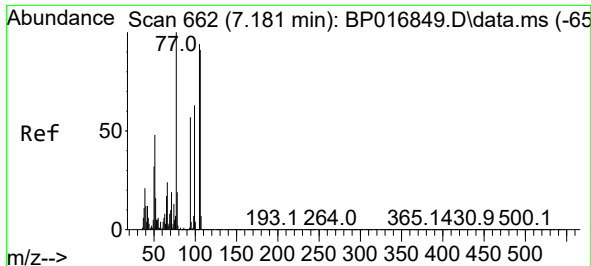
Tgt Ion: 88 Resp: 107045
 Ion Ratio Lower Upper
 88 100
 43 30.1 24.0 36.0
 58 79.3 59.8 89.8



#5
 Pyridine
 Concen: 31.922 ng/uL
 RT: 3.828 min Scan# 92
 Delta R.T. -0.006 min
 Lab File: BP016885.D
 Acq: 30 Aug 2023 23:04

Tgt Ion: 79 Resp: 765786
 Ion Ratio Lower Upper
 79 100
 52 78.5 59.6 89.4
 51 36.2 28.2 42.2

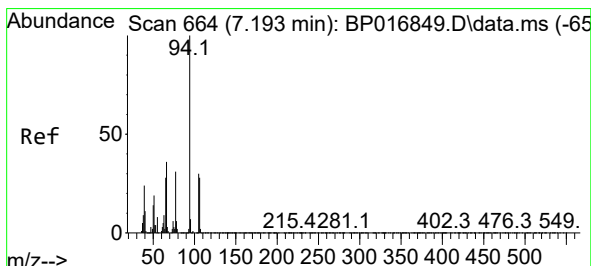
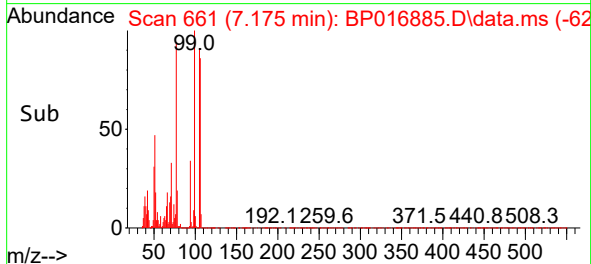
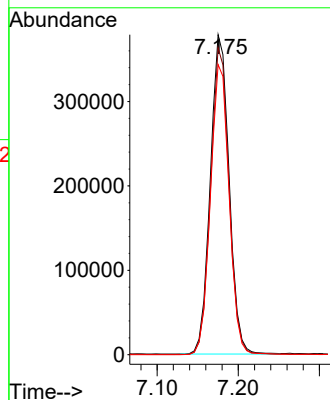
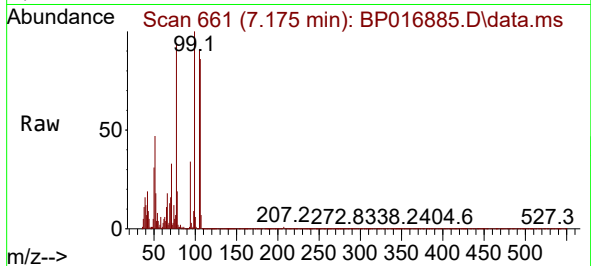




#6
Benzaldehyde
Concen: 39.713 ng/ul
RT: 7.175 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

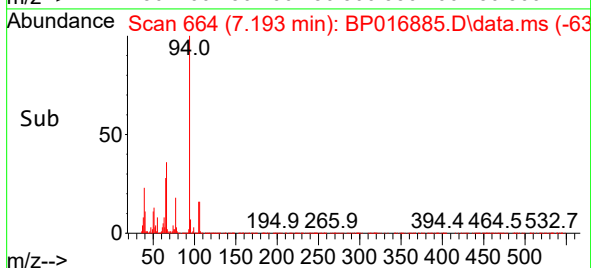
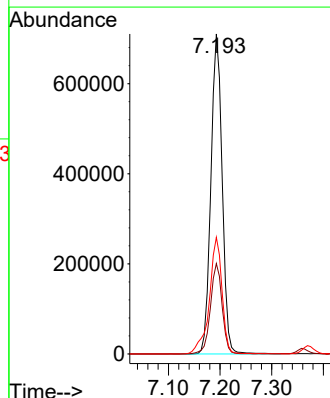
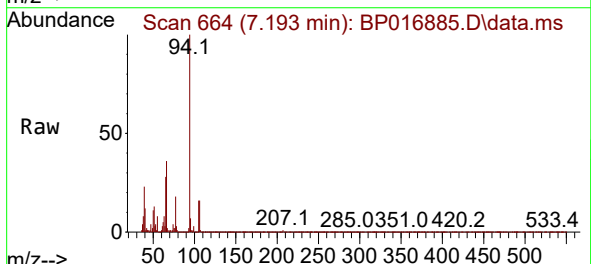
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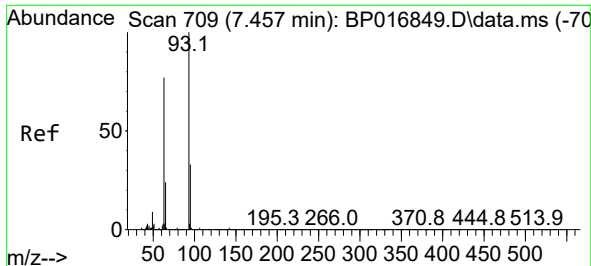
Tgt Ion: 77 Resp: 608256
Ion Ratio Lower Upper
77 100
105 95.9 75.4 113.2
106 90.6 73.1 109.7



#8
Phenol
Concen: 36.740 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion: 94 Resp: 1076875
Ion Ratio Lower Upper
94 100
65 28.2 22.4 33.6
66 36.4 28.6 42.8

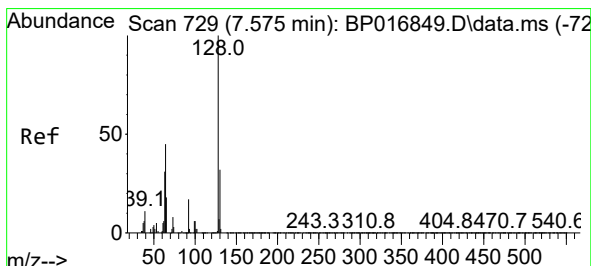
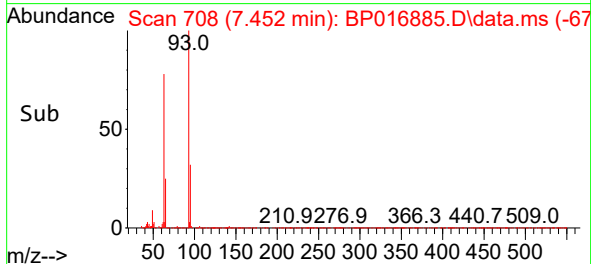
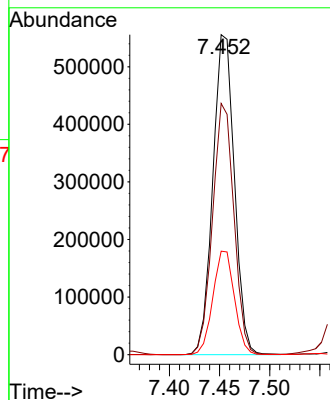
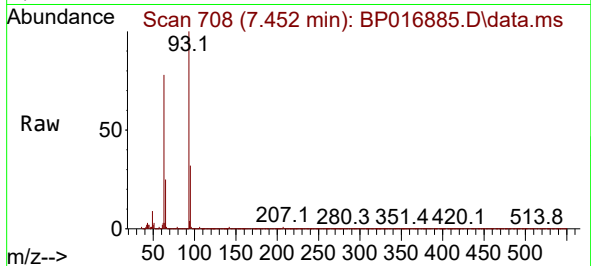




#10
Bis(2-Chloroethyl)ether
Concen: 35.118 ng/ul
RT: 7.452 min Scan# 709
Delta R.T. -0.006 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

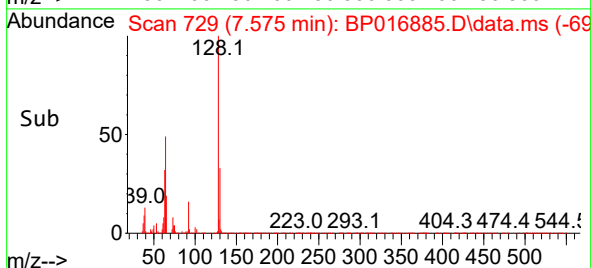
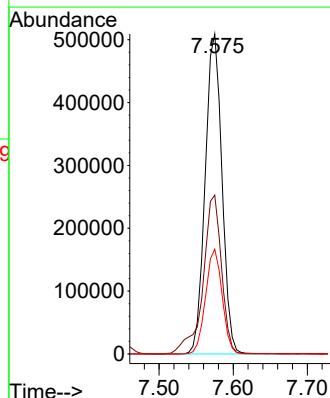
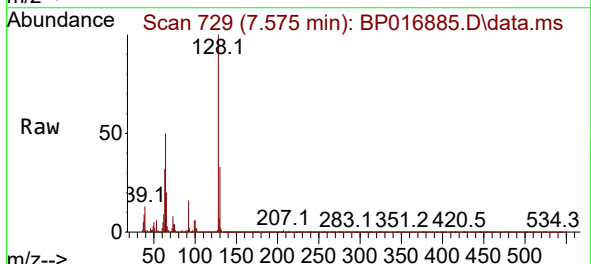
Instrument :
BNA_P
ClientSampleId :

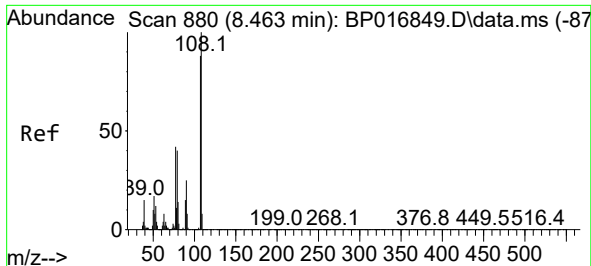
Tgt Ion: 93 Resp: 830868
Ion Ratio Lower Upper
93 100
63 78.5 62.9 94.3
95 32.4 26.3 39.5



#12
2-Chlorophenol
Concen: 37.215 ng/ul
RT: 7.575 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:128 Resp: 801013
Ion Ratio Lower Upper
128 100
64 49.6 40.0 60.0
130 32.7 26.4 39.6





#13

2-Methylphenol

Concen: 35.474 ng/ul

RT: 8.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

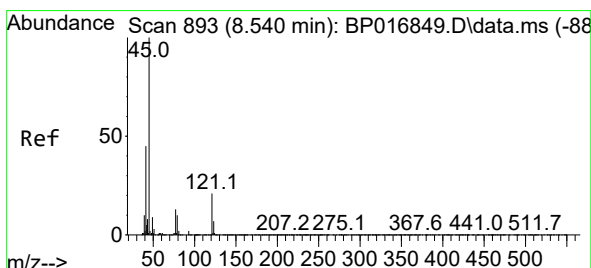
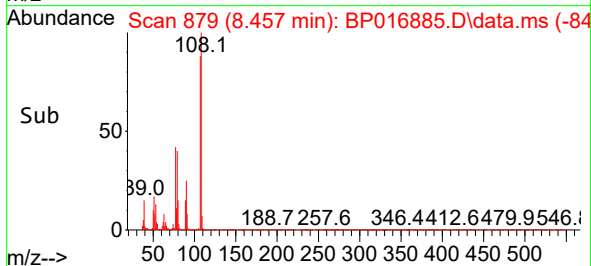
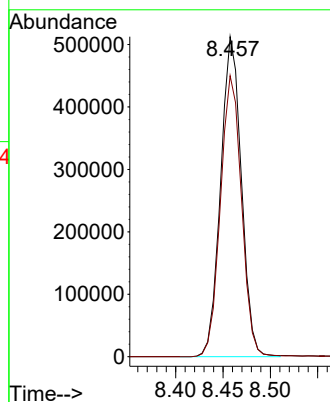
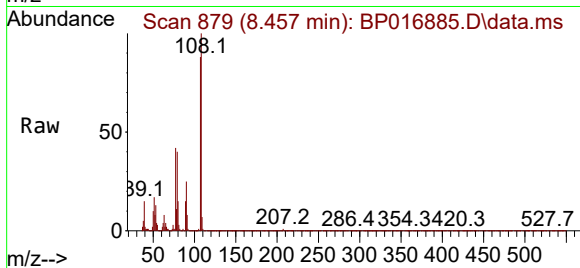
ClientSampleId :

Tgt Ion:108 Resp: 779959

Ion Ratio Lower Upper

108 100

107 87.8 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.205 ng/ul

RT: 8.534 min Scan# 892

Delta R.T. -0.006 min

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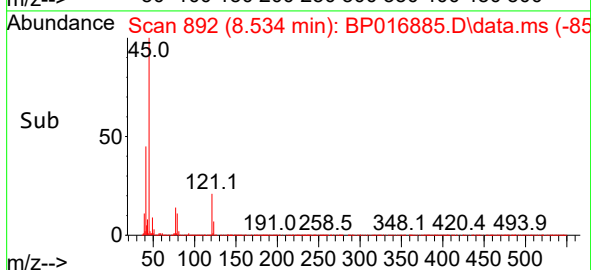
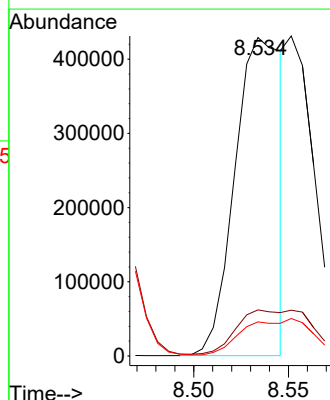
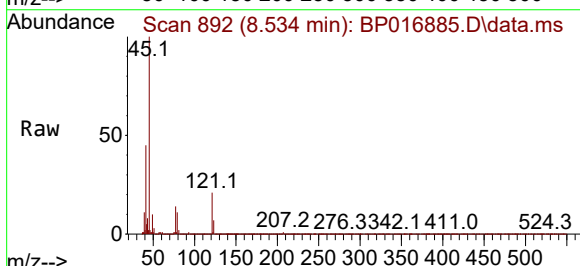
Tgt Ion: 45 Resp: 731841

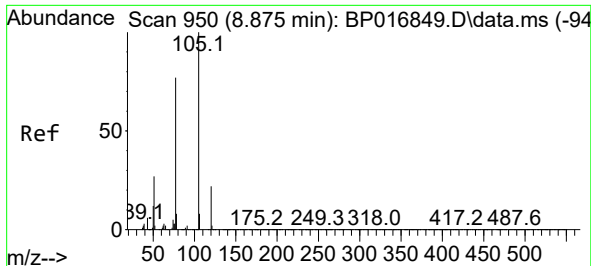
Ion Ratio Lower Upper

45 100

77 14.5 11.1 16.7

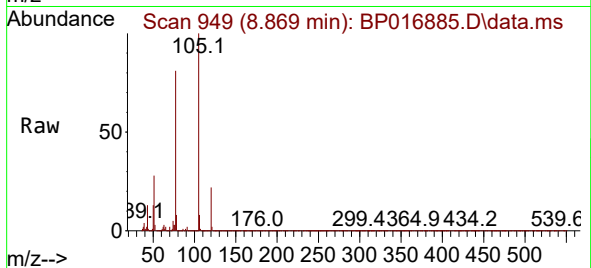
79 10.7 8.2 12.4



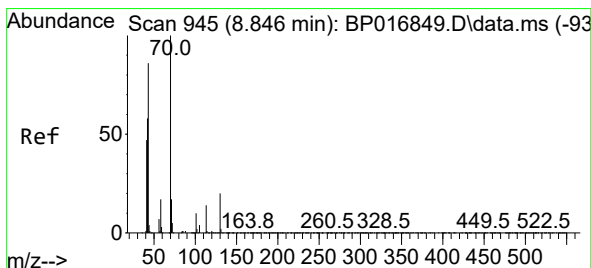
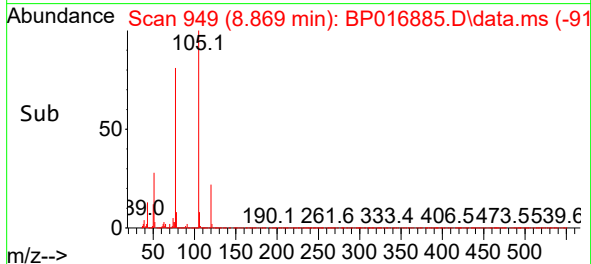
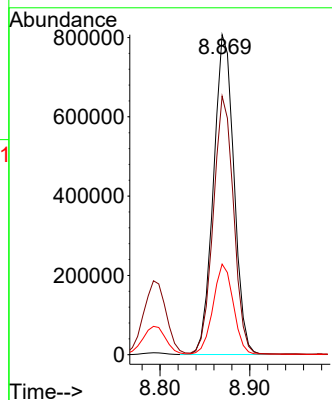


#16
Acetophenone
Concen: 36.087 ng/ul
RT: 8.869 min Scan# 949
Delta R.T. -0.006 min
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Instrument :
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ClientSampleId :

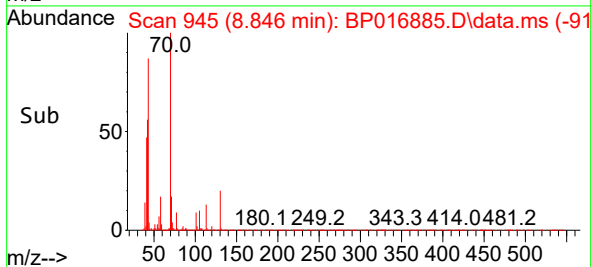
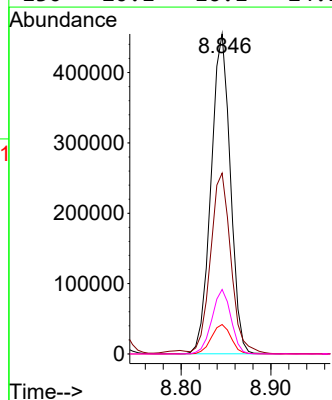
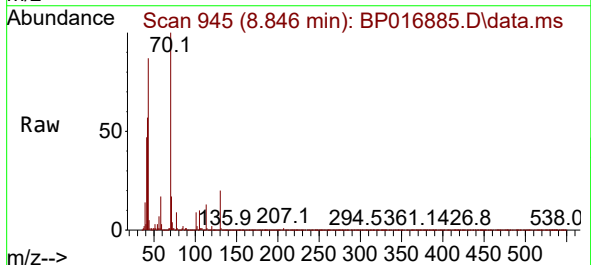


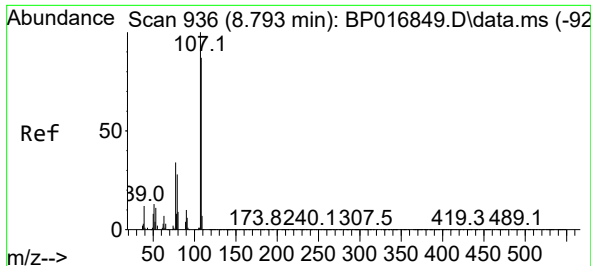
Tgt Ion:105 Resp: 1279352
Ion Ratio Lower Upper
105 100
77 80.8 64.2 96.4
51 28.3 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 36.278 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

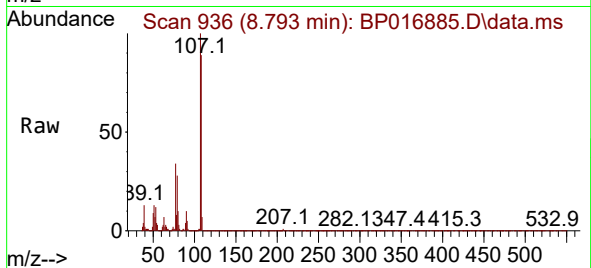
Tgt Ion: 70 Resp: 677784
Ion Ratio Lower Upper
70 100
42 56.5 46.0 69.0
101 9.2 7.6 11.4
130 20.1 16.1 24.1



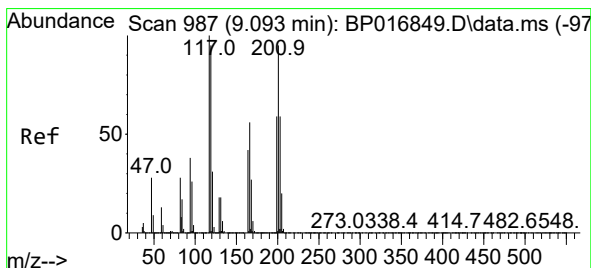
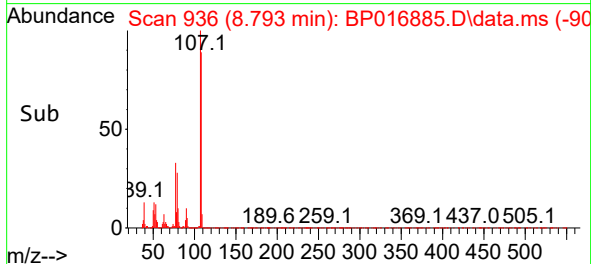
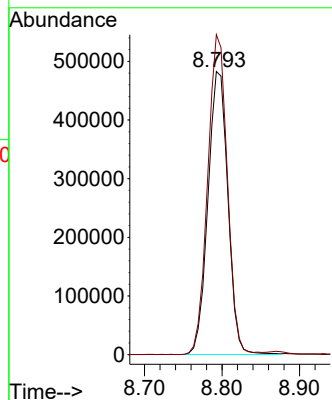


#18
4-Methylphenol
Concen: 36.011 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Instrument :
BNA_P
ClientSampleId :

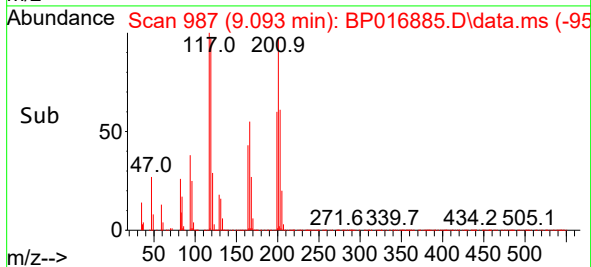
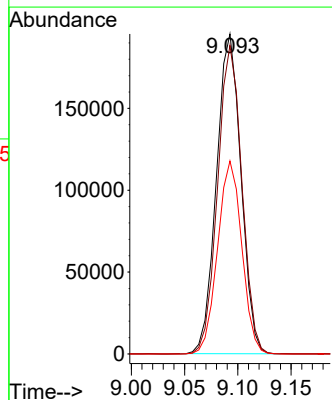
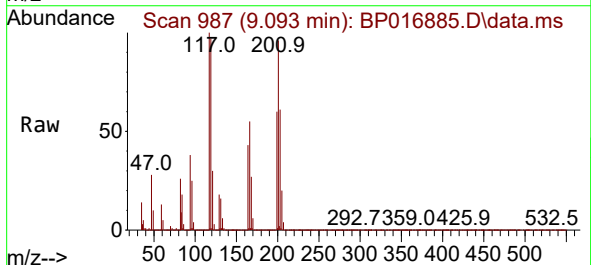


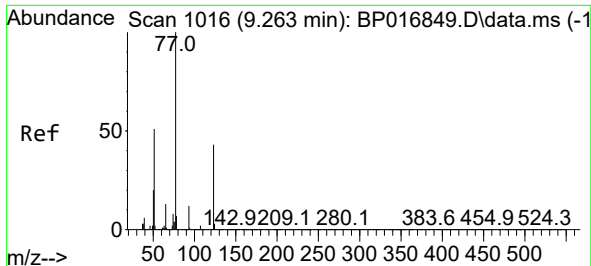
Tgt Ion:108 Resp: 862177
Ion Ratio Lower Upper
108 100
107 113.0 89.8 134.6



#19
Hexachloroethane
Concen: 34.831 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:117 Resp: 311939
Ion Ratio Lower Upper
117 100
201 96.5 75.4 113.2
199 60.3 47.8 71.6

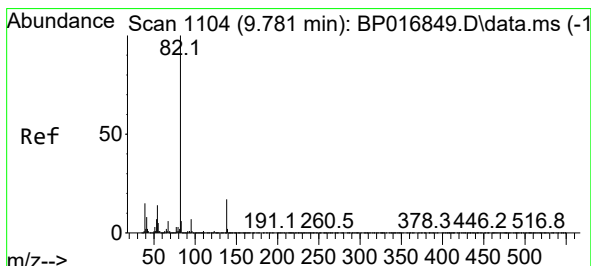
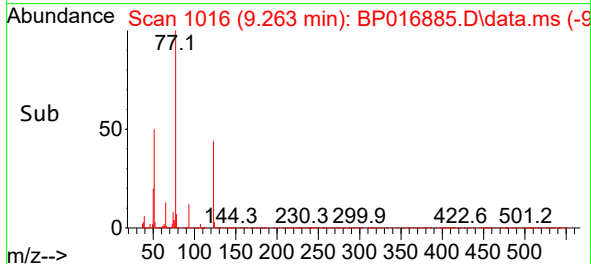
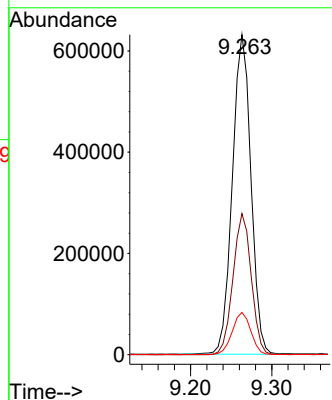
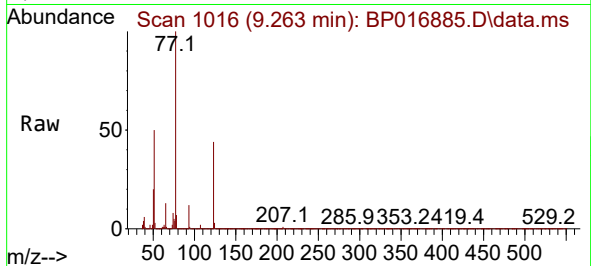




#22
Nitrobenzene
Concen: 36.797 ng/ul
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

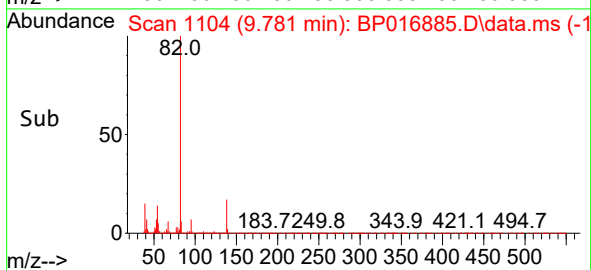
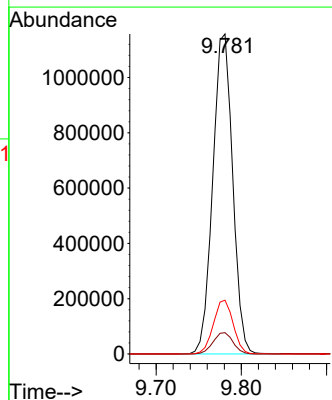
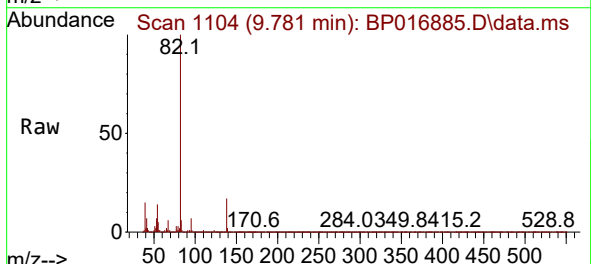
Instrument :
BNA_P
ClientSampleId :

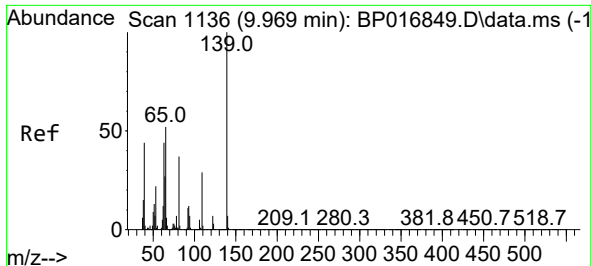
Tgt Ion: 77 Resp: 1002125
Ion Ratio Lower Upper
77 100
123 44.1 34.9 52.3
65 13.2 10.6 15.8



#23
Isophorone
Concen: 35.449 ng/ul
RT: 9.781 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion: 82 Resp: 1875045
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 16.8 13.5 20.3

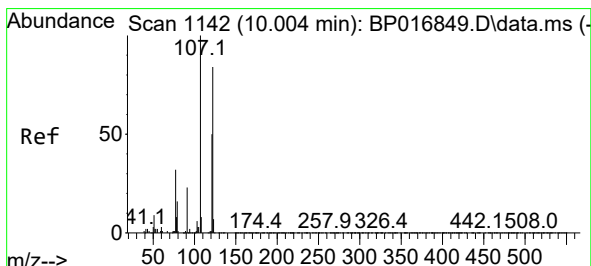
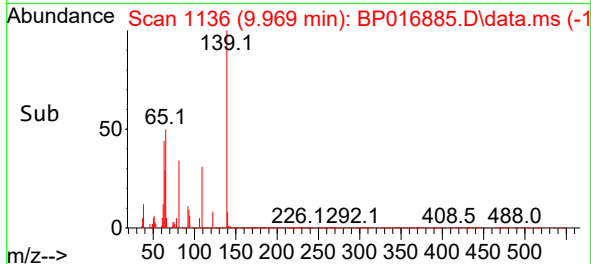
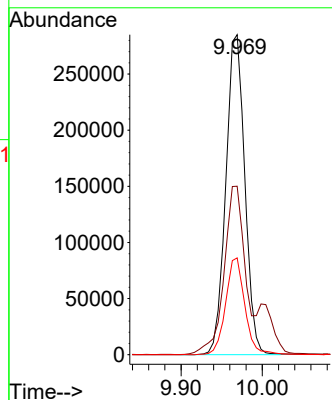
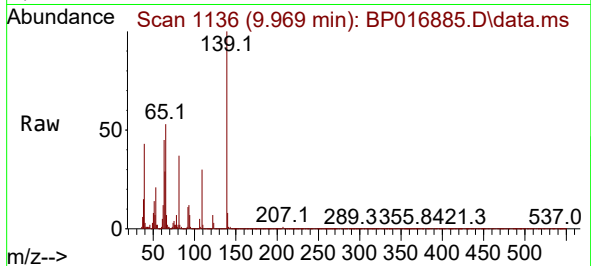




#25
2-Nitrophenol
Concen: 37.499 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

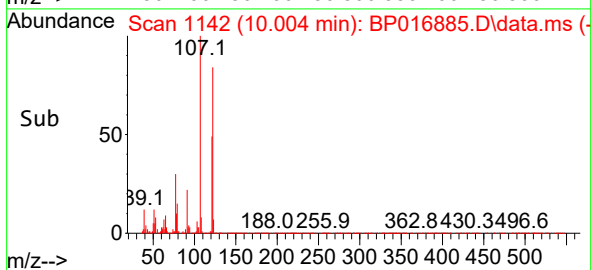
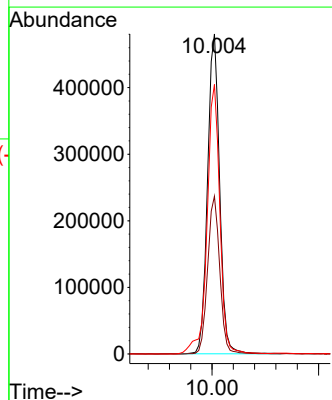
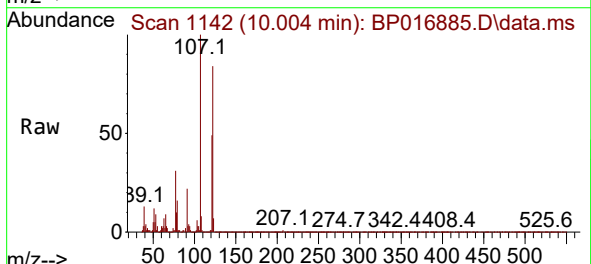
Instrument :
BNA_P
ClientSampleId :

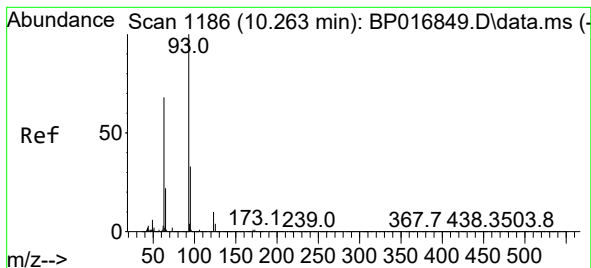
Tgt Ion:139 Resp: 463960
Ion Ratio Lower Upper
139 100
65 52.7 42.0 63.0
109 30.2 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 30.389 ng/ul
RT: 10.004 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:107 Resp: 755719
Ion Ratio Lower Upper
107 100
121 49.3 40.7 61.1
122 84.2 69.7 104.5

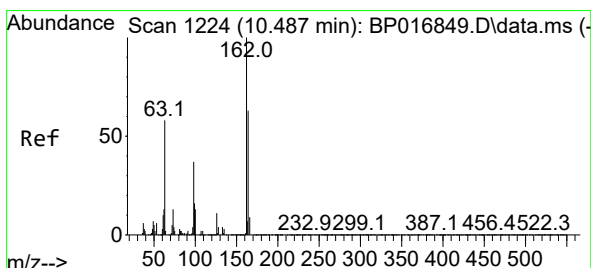
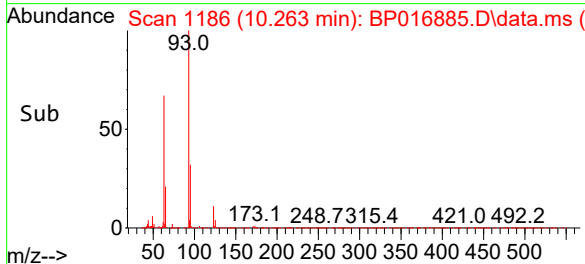
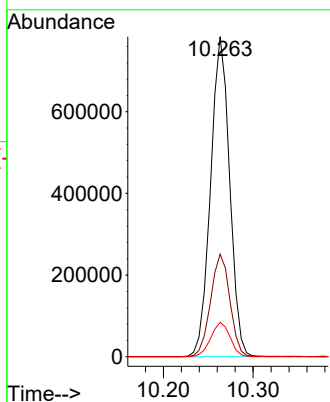
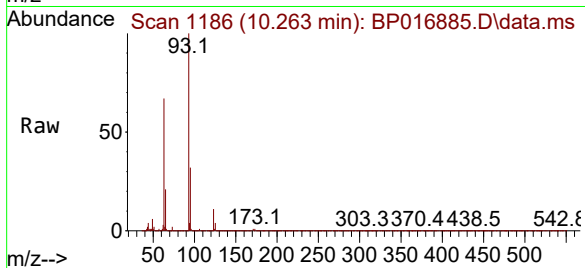




#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.403 ng/ul
 RT: 10.263 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP016885.D
 Acq: 30 Aug 2023 23:04

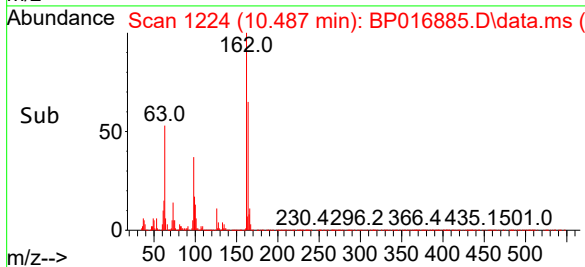
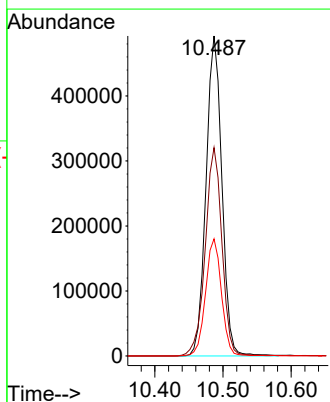
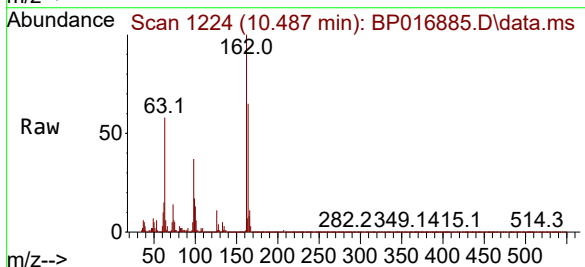
Instrument :
 BNA_P
 ClientSampleId :

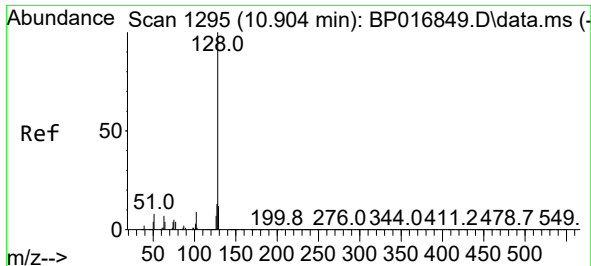
Tgt Ion: 93 Resp: 1155302
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.3 39.5
 123 10.8 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 38.005 ng/ul
 RT: 10.487 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BP016885.D
 Acq: 30 Aug 2023 23:04

Tgt Ion:162 Resp: 796380
 Ion Ratio Lower Upper
 162 100
 164 65.1 52.2 78.2
 98 36.6 29.3 43.9

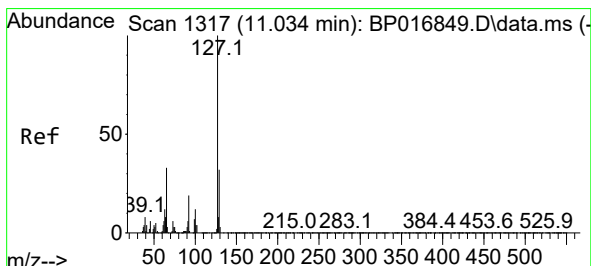
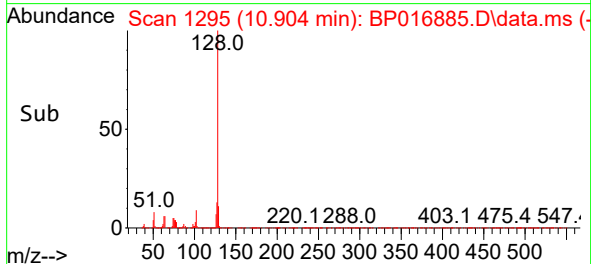
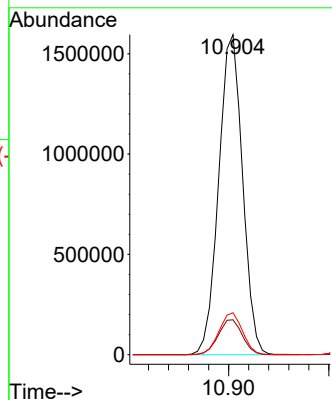
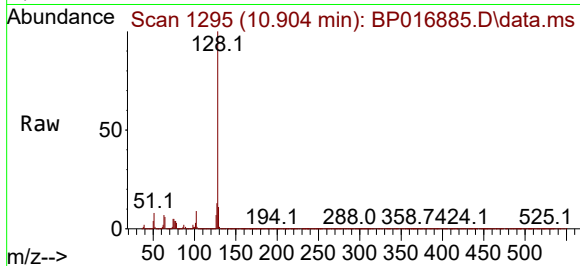




#30
Naphthalene
Concen: 36.174 ng/ul
RT: 10.904 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

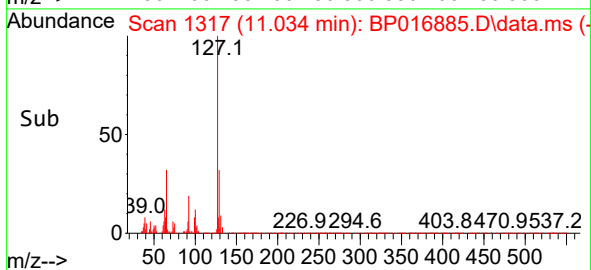
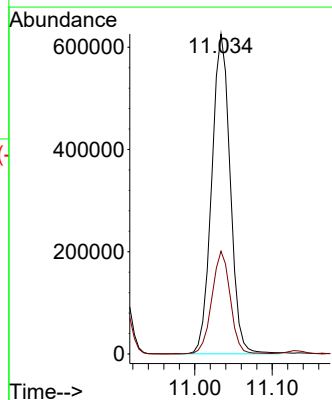
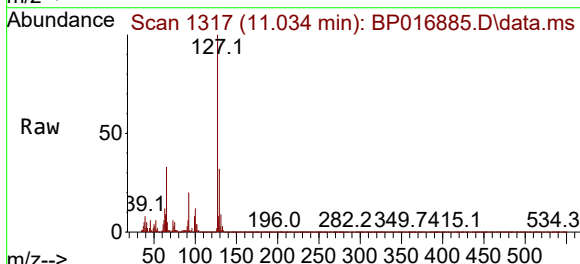
Instrument :
BNA_P
ClientSampleId :

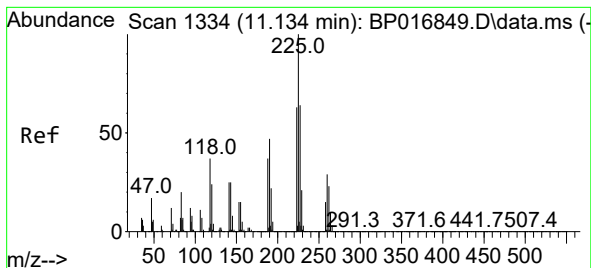
Tgt Ion:128 Resp: 2630953
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 33.002 ng/ul
RT: 11.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:127 Resp: 1037534
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9





#33

Hexachlorobutadiene

Concen: 34.449 ng/ul

RT: 11.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

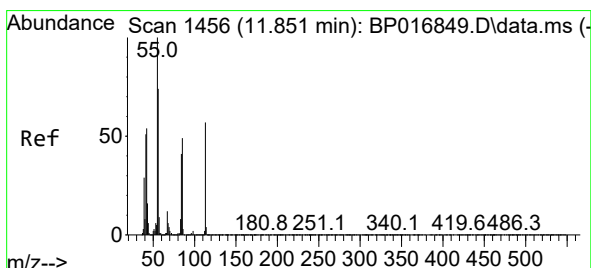
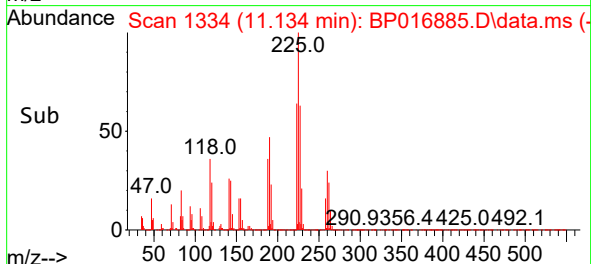
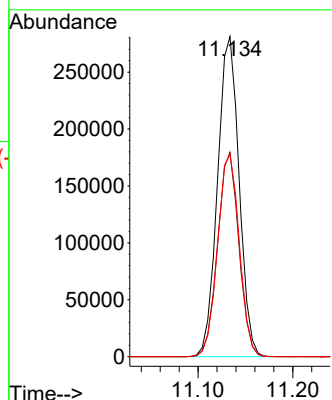
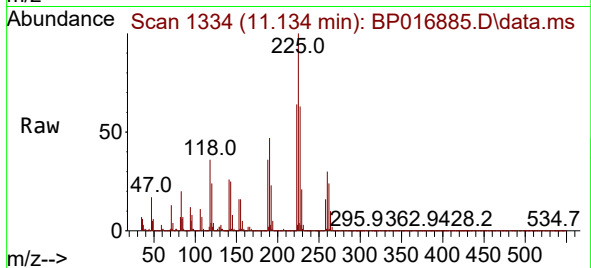
Tgt Ion:225 Resp: 444657

Ion Ratio Lower Upper

225 100

223 63.9 51.0 76.4

227 63.3 52.5 78.7



#34

Caprolactam

Concen: 35.011 ng/ul

RT: 11.857 min Scan# 1457

Delta R.T. 0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

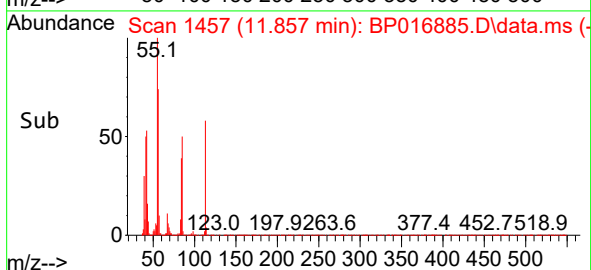
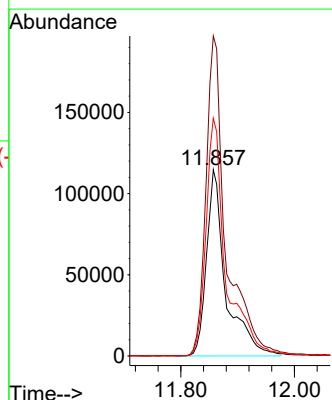
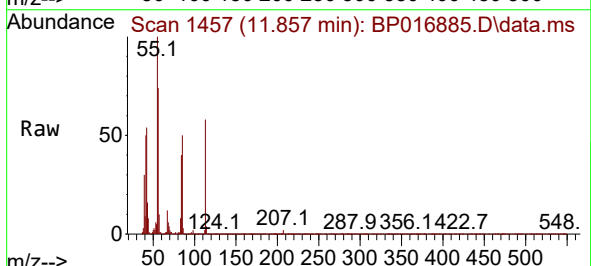
Tgt Ion:113 Resp: 270555

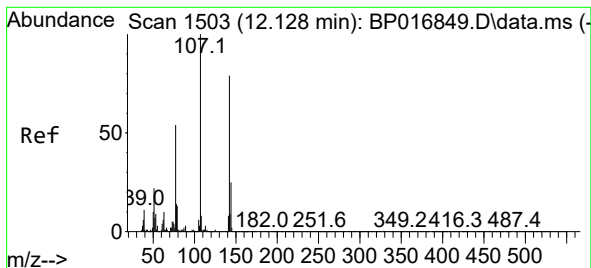
Ion Ratio Lower Upper

113 100

55 171.7 140.6 210.8

56 127.6 104.5 156.7

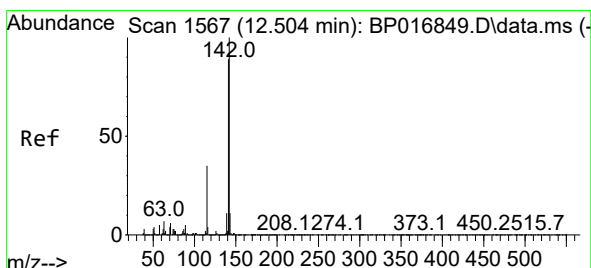
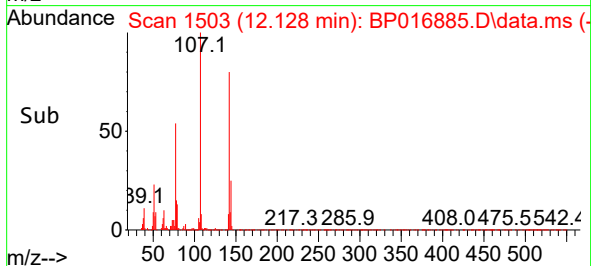
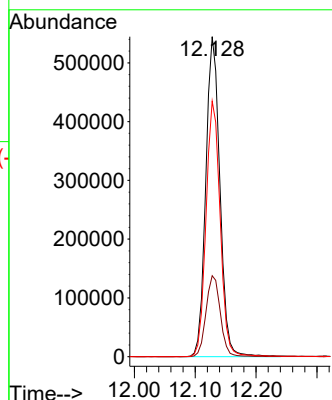
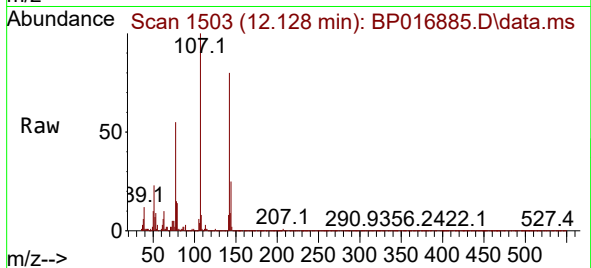




#35
4-Chloro-3-methylphenol
Concen: 37.355 ng/ul
RT: 12.128 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

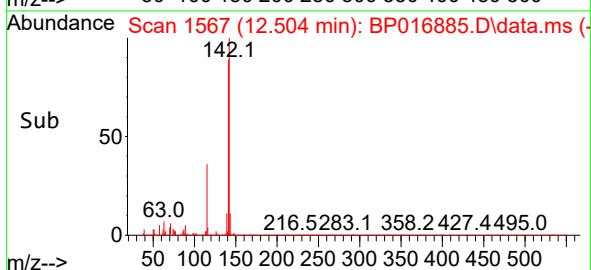
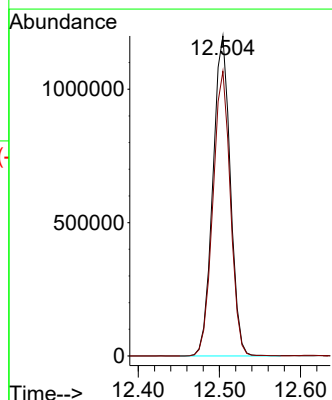
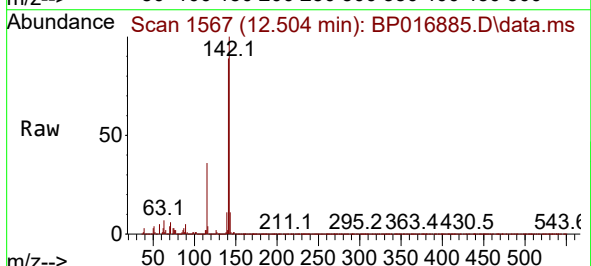
Instrument :
BNA_P
ClientSampleId :

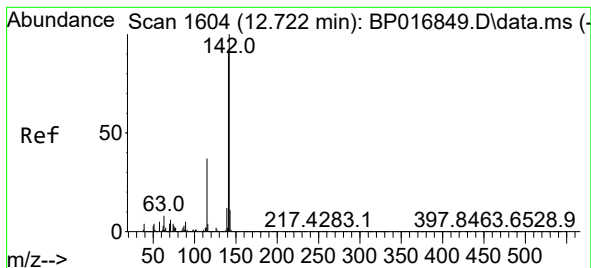
Tgt Ion:107 Resp: 877788
Ion Ratio Lower Upper
107 100
144 25.3 20.6 31.0
142 79.9 63.7 95.5



#36
2-Methylnaphthalene
Concen: 35.681 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:142 Resp: 1791214
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





#37

1-Methylnaphthalene

Concen: 34.531 ng/ul

RT: 12.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

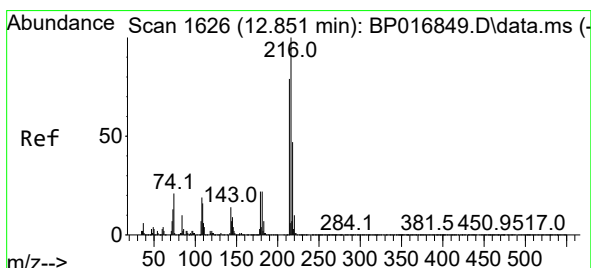
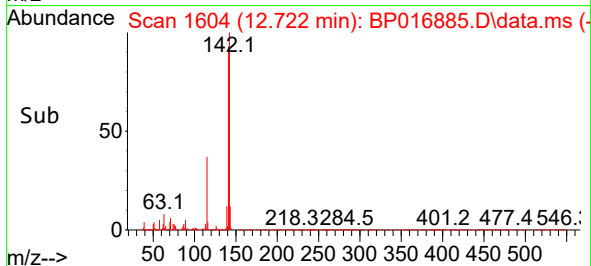
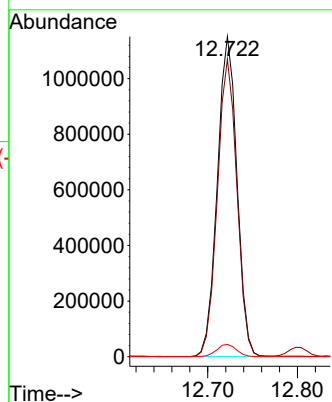
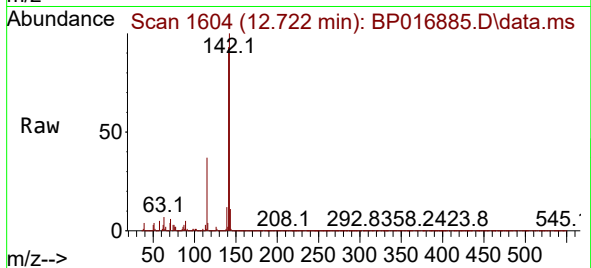
Tgt Ion:142 Resp: 1748077

Ion Ratio Lower Upper

142 100

141 92.9 73.0 109.4

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.592 ng/ul

RT: 12.851 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Tgt Ion:216 Resp: 882225

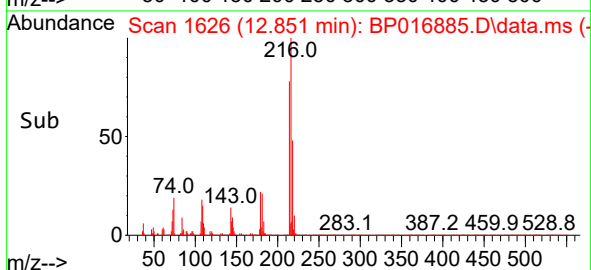
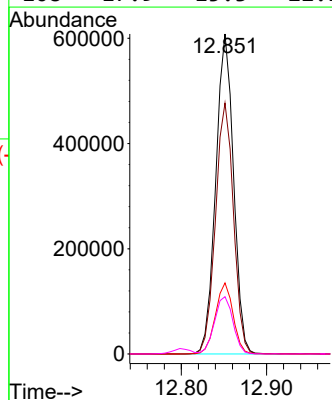
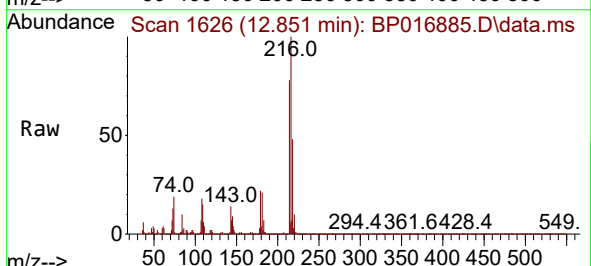
Ion Ratio Lower Upper

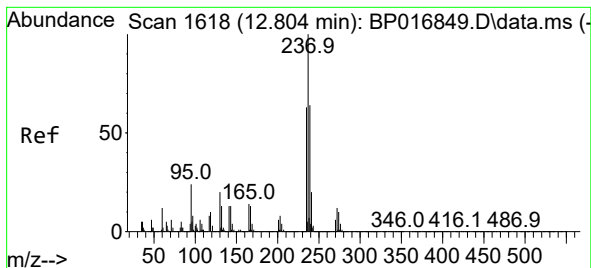
216 100

214 78.4 63.4 95.2

179 22.2 17.4 26.2

108 17.9 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 19.967 ng/ul

RT: 12.804 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

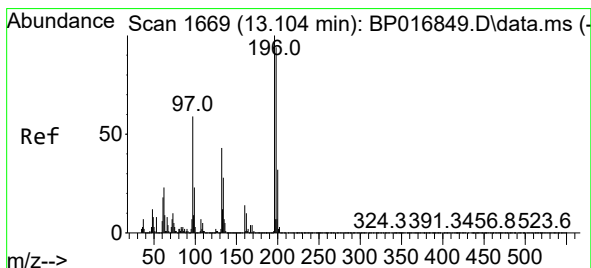
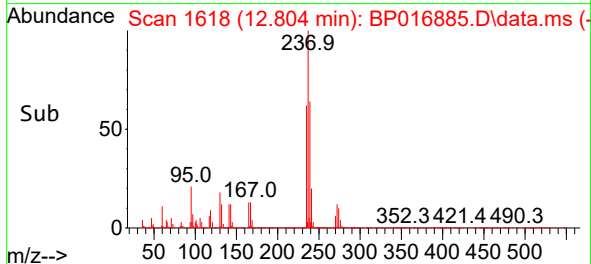
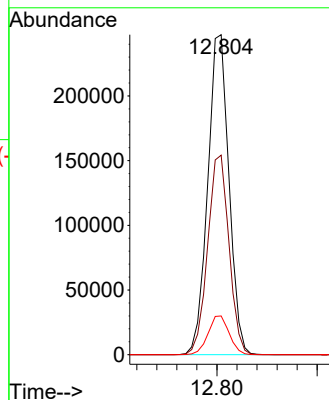
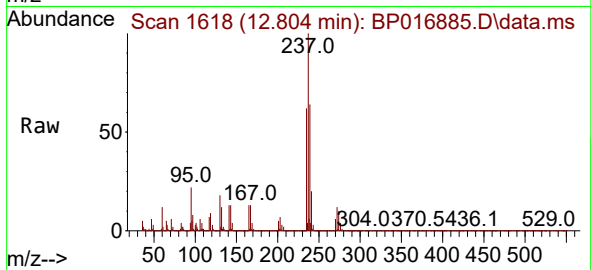
Tgt Ion:237 Resp: 363962

Ion Ratio Lower Upper

237 100

235 62.3 51.3 76.9

272 12.1 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 37.744 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

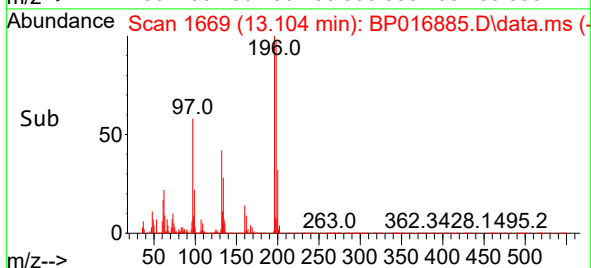
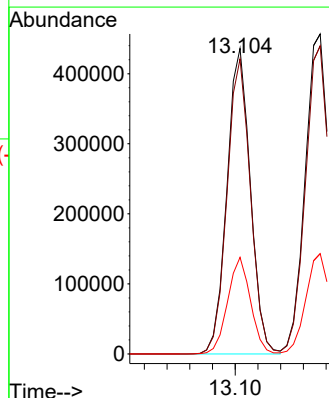
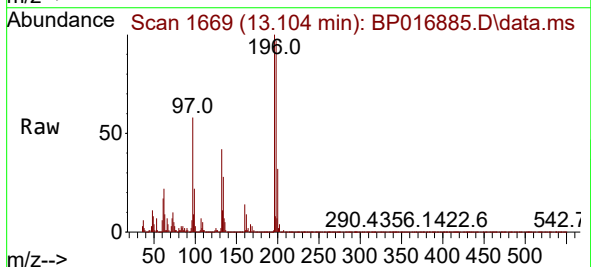
Tgt Ion:196 Resp: 624770

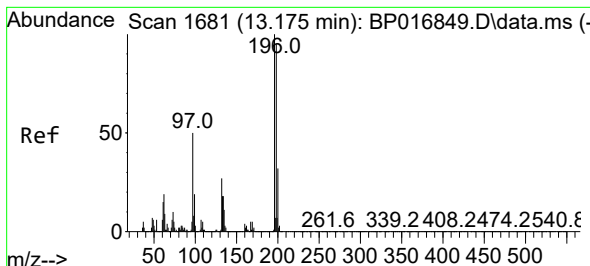
Ion Ratio Lower Upper

196 100

198 96.6 76.6 115.0

200 31.6 25.2 37.8

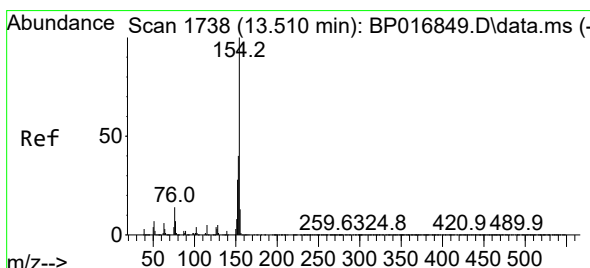
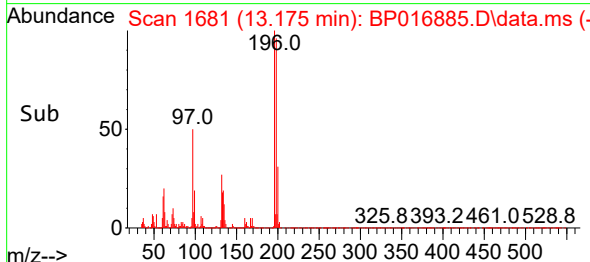
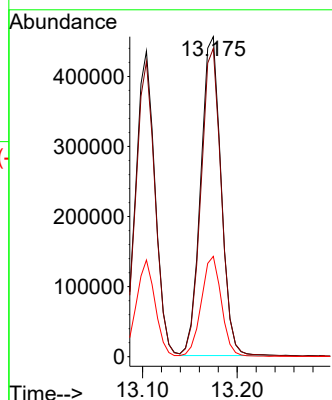
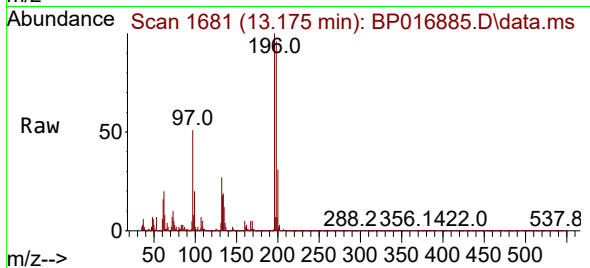




#42
2,4,5-Trichlorophenol
Concen: 37.991 ng/ul
RT: 13.175 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

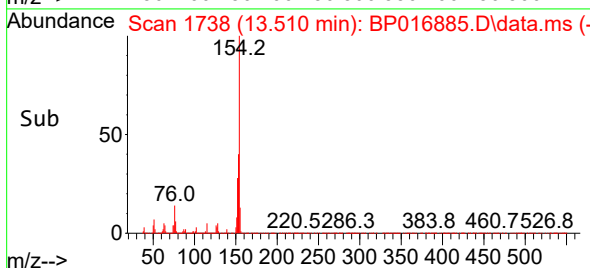
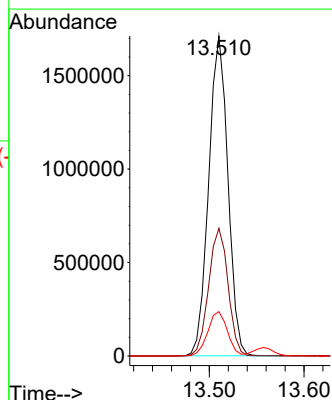
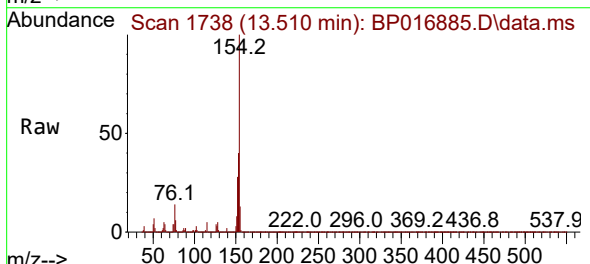
Instrument :
BNA_P
ClientSampleId :

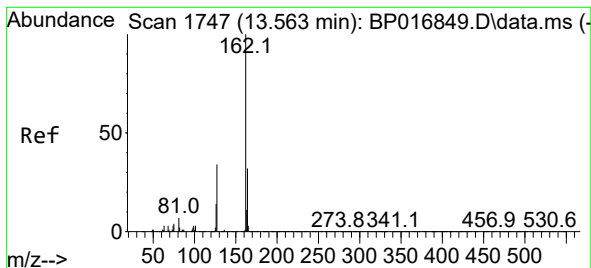
Tgt Ion:196 Resp: 680477
Ion Ratio Lower Upper
196 100
198 96.3 77.8 116.8
200 31.4 24.8 37.2



#43
1,1'-Biphenyl
Concen: 37.221 ng/ul
RT: 13.510 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:154 Resp: 2406788
Ion Ratio Lower Upper
154 100
153 39.9 32.7 49.1
76 13.8 11.3 16.9





#44

2-Chloronaphthalene

Concen: 37.069 ng/ul

RT: 13.557 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

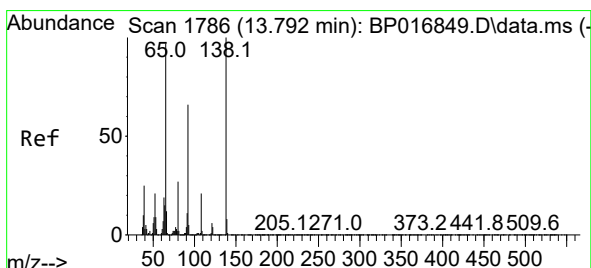
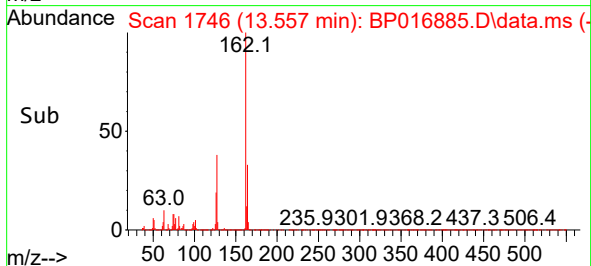
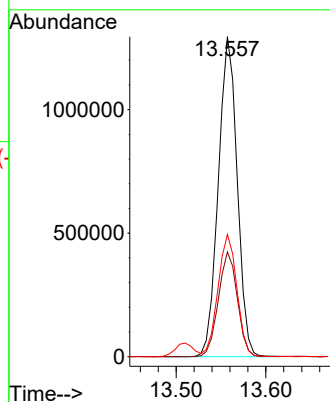
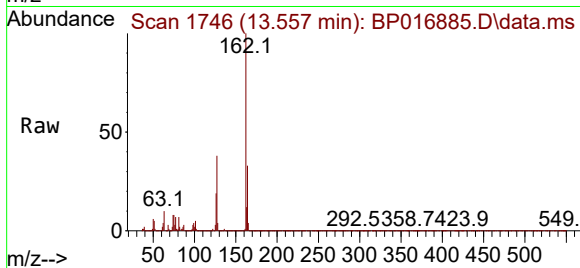
Tgt Ion:162 Resp: 1892225

Ion Ratio Lower Upper

162 100

164 32.7 26.1 39.1

127 38.2 30.8 46.2



#45

2-Nitroaniline

Concen: 38.597 ng/ul

RT: 13.792 min Scan# 1786

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

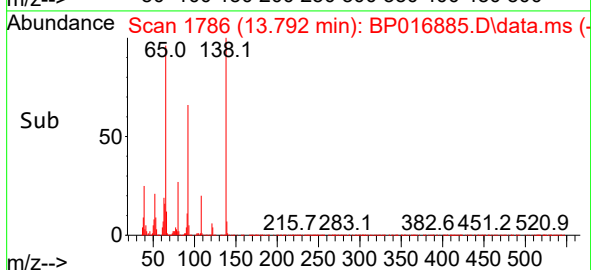
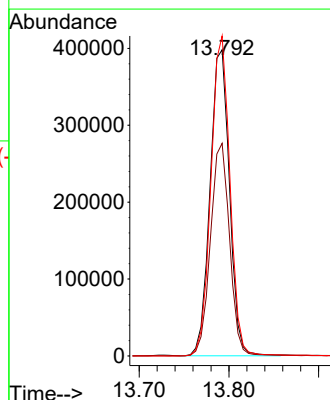
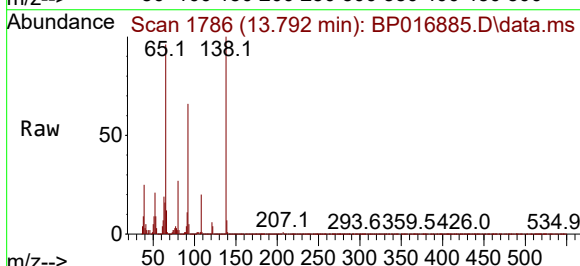
Tgt Ion: 65 Resp: 597509

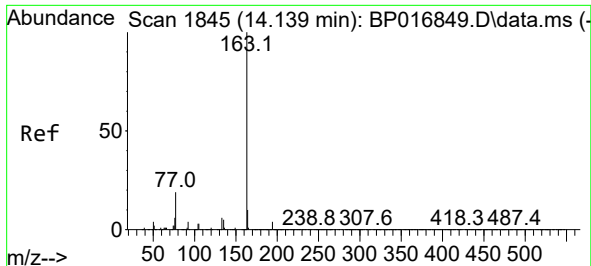
Ion Ratio Lower Upper

65 100

92 69.4 53.8 80.8

138 104.5 80.7 121.1

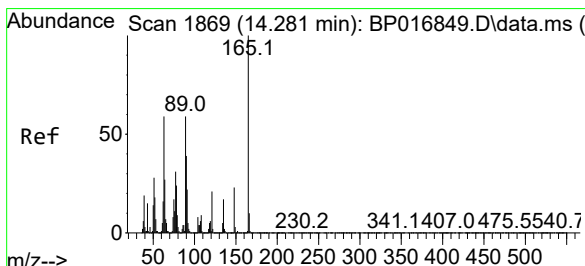
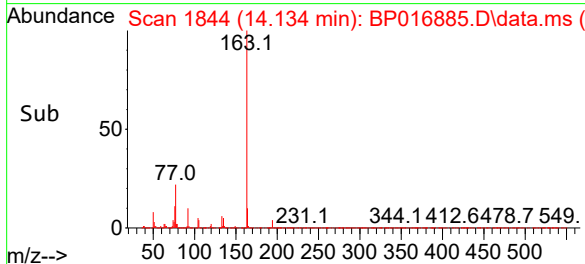
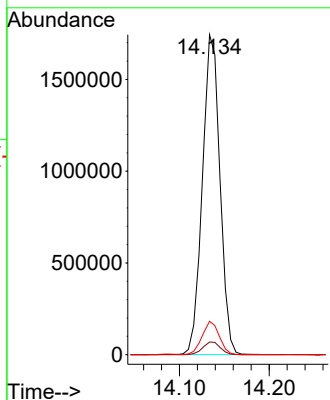
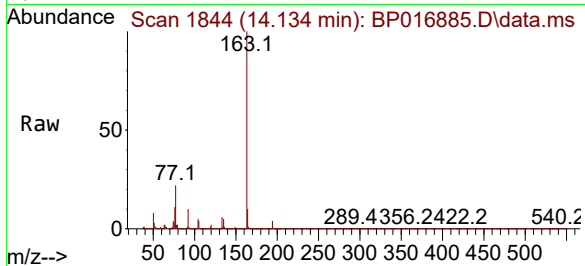




#47
Dimethylphthalate
Concen: 35.615 ng/ul
RT: 14.134 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

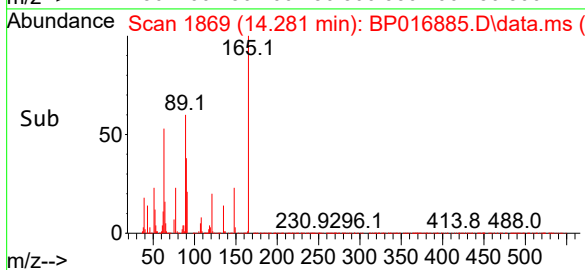
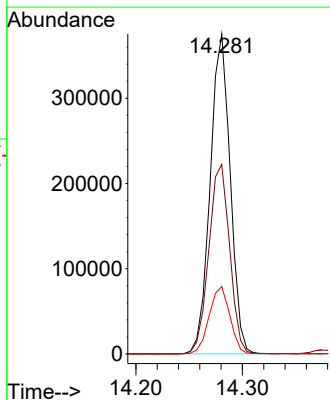
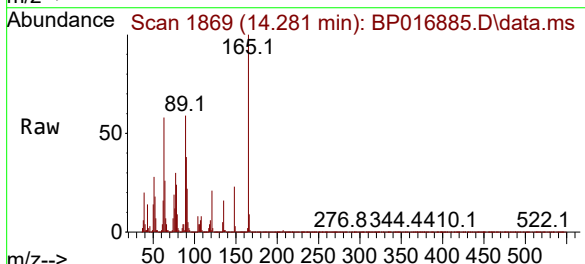
Instrument :
BNA_P
ClientSampleId :

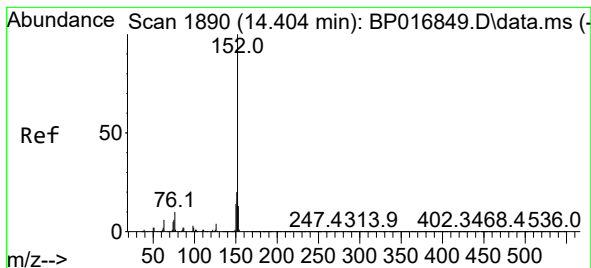
Tgt Ion:163 Resp: 2365620
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 37.545 ng/ul
RT: 14.281 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:165 Resp: 488674
Ion Ratio Lower Upper
165 100
89 59.3 48.0 72.0
121 21.1 16.9 25.3





#50

Acenaphthylene

Concen: 35.059 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

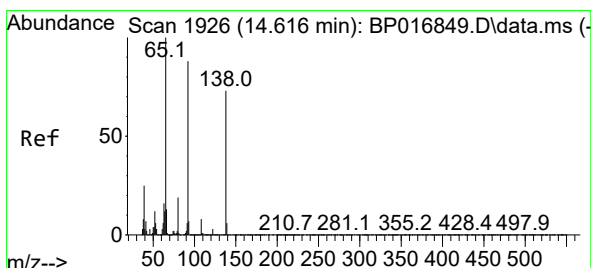
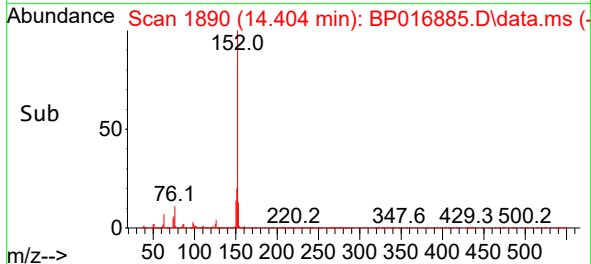
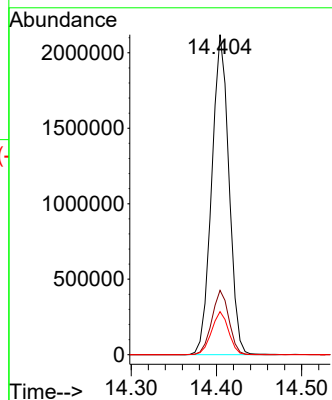
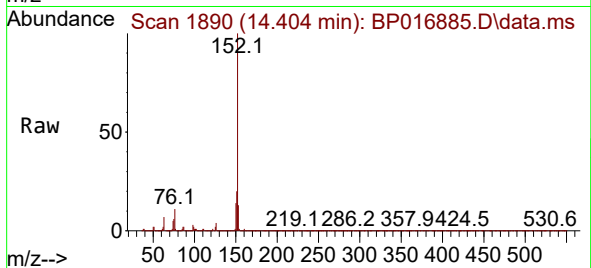
Tgt Ion:152 Resp: 2975195

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.4 10.6 15.8



#51

3-Nitroaniline

Concen: 37.839 ng/ul

RT: 14.616 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

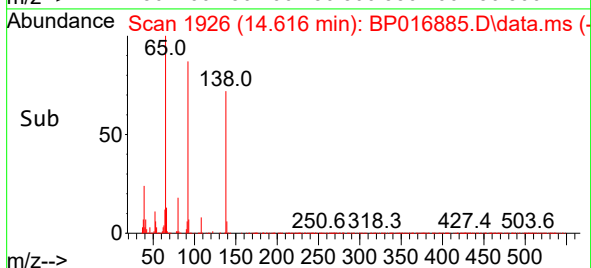
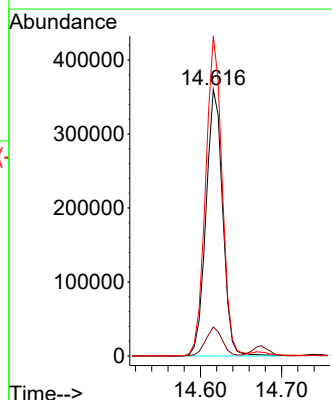
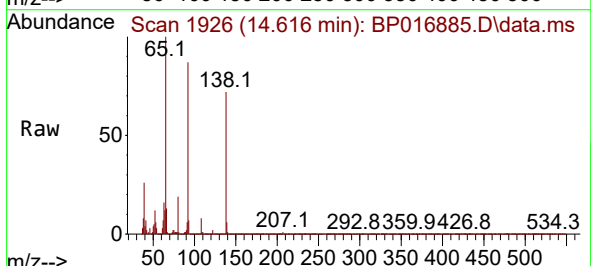
Tgt Ion:138 Resp: 512830

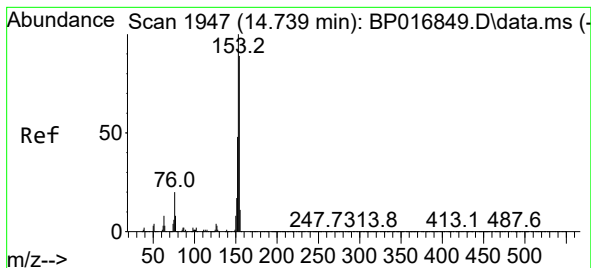
Ion Ratio Lower Upper

138 100

108 10.9 8.2 12.4

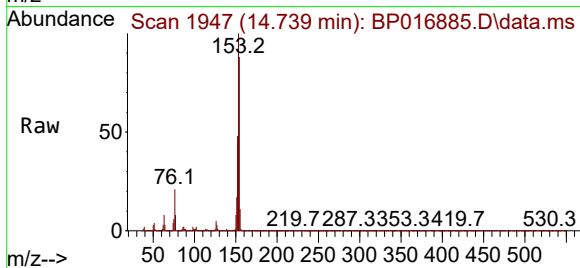
92 120.1 95.4 143.0



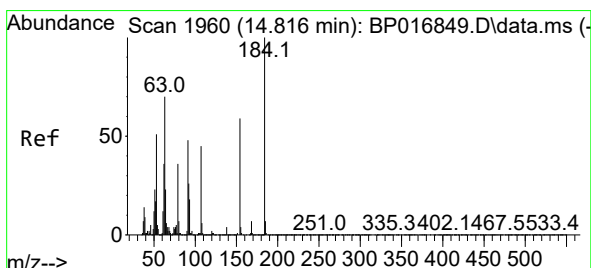
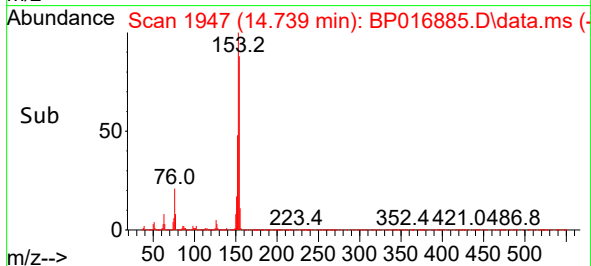
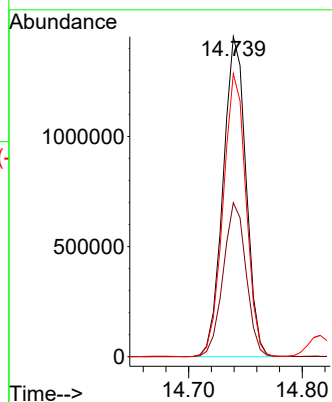


#52
Acenaphthene
Concen: 36.355 ng/ul
RT: 14.739 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Instrument :
BNA_P
ClientSampleId :

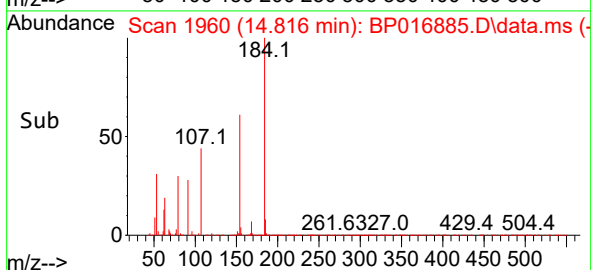
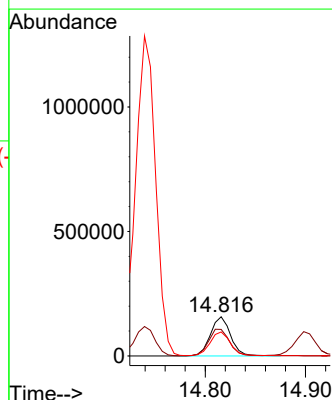
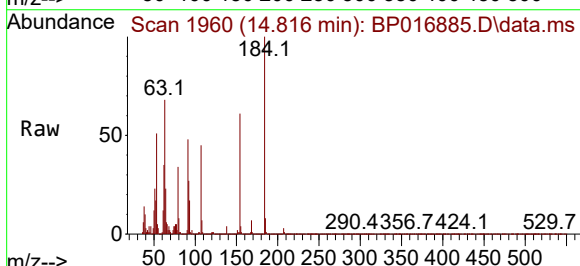


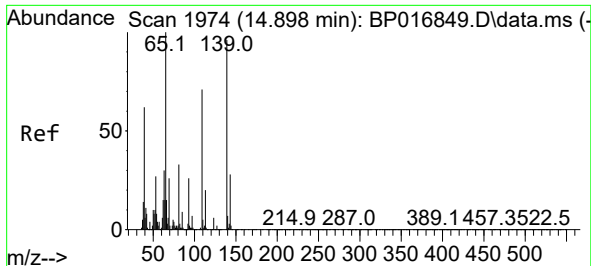
Tgt Ion:153 Resp: 2041055
Ion Ratio Lower Upper
153 100
152 48.1 38.5 57.7
154 88.4 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 23.239 ng/ul
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:184 Resp: 219792
Ion Ratio Lower Upper
184 100
63 67.8 55.3 82.9
154 61.4 50.3 75.5

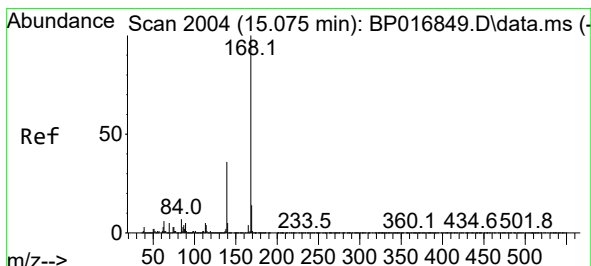
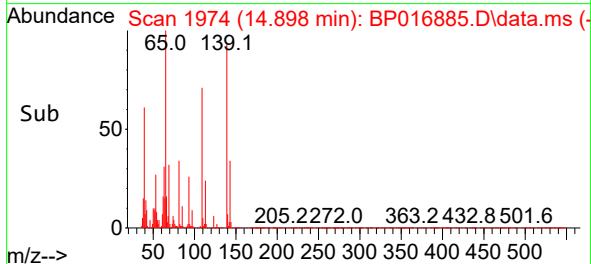
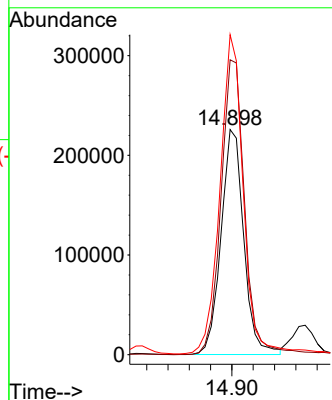
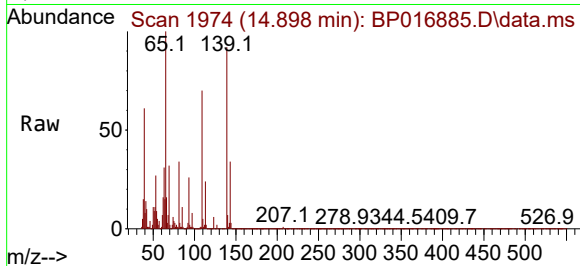




#55
4-Nitrophenol
Concen: 32.647 ng/ul
RT: 14.898 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

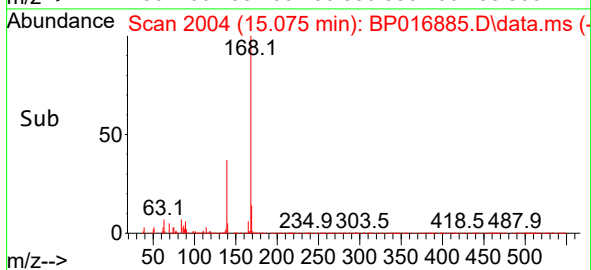
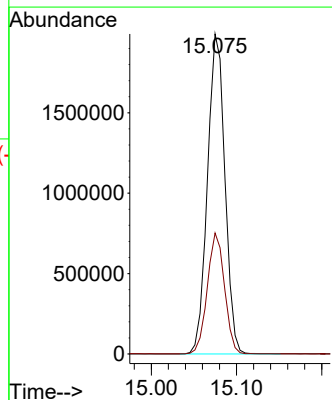
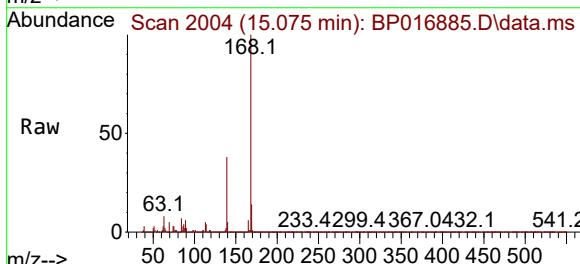
Instrument :
BNA_P
ClientSampleId :

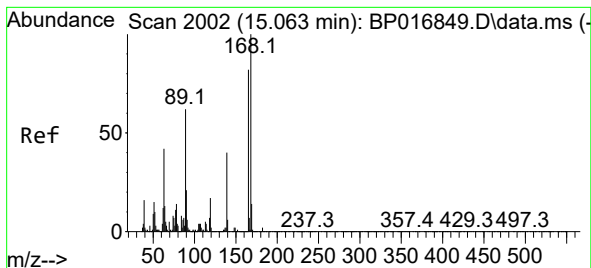
Tgt Ion:109 Resp: 334232
Ion Ratio Lower Upper
109 100
139 131.0 108.6 163.0
65 142.2 107.8 161.6



#56
Dibenzofuran
Concen: 36.750 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:168 Resp: 2830925
Ion Ratio Lower Upper
168 100
139 37.8 29.2 43.8

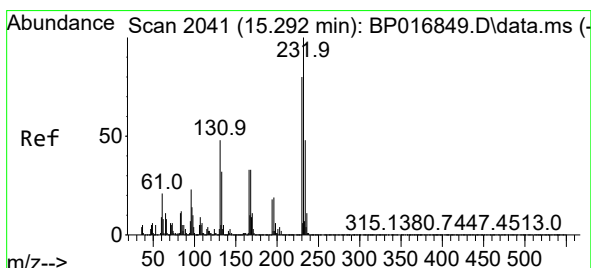
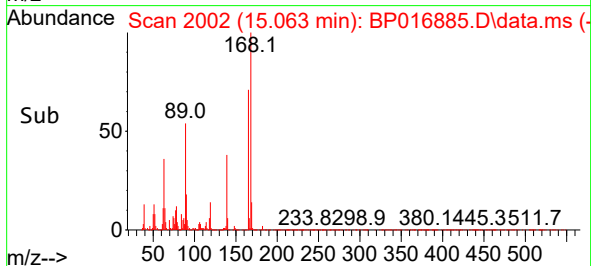
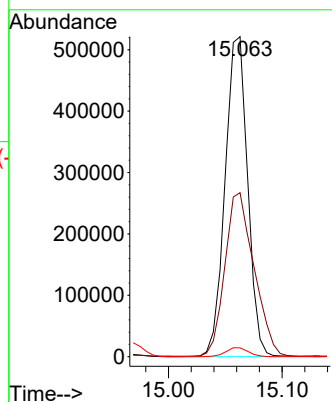
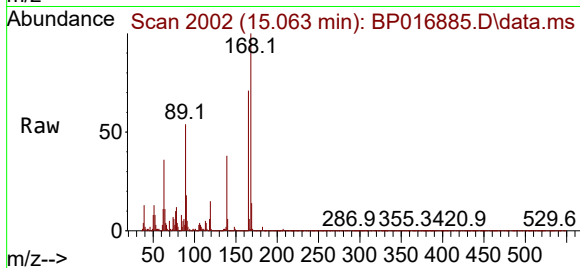




#57
2,4-Dinitrotoluene
Concen: 37.518 ng/ul
RT: 15.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

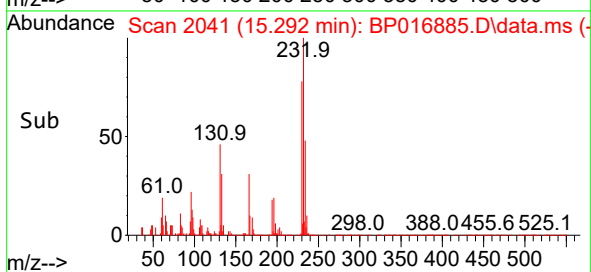
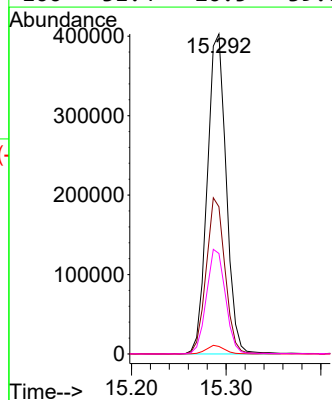
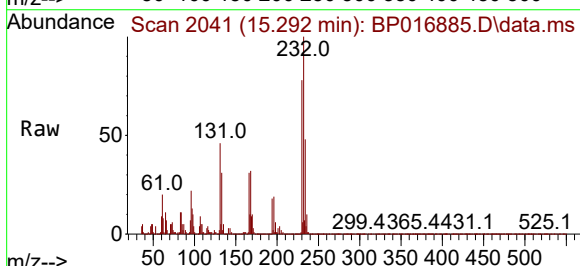
Instrument :
BNA_P
ClientSampleId :

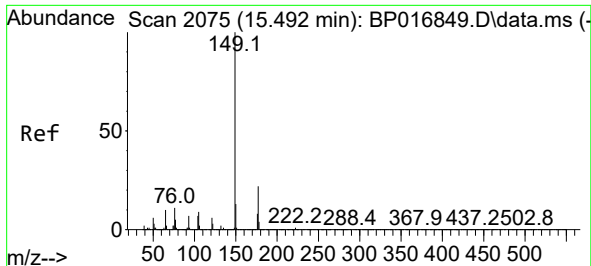
Tgt Ion:165 Resp: 718753
Ion Ratio Lower Upper
165 100
63 51.2 39.0 58.4
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.666 ng/ul
RT: 15.292 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:232 Resp: 559113
Ion Ratio Lower Upper
232 100
131 46.0 38.1 57.1
130 2.3 1.9 2.9
166 31.4 26.5 39.7

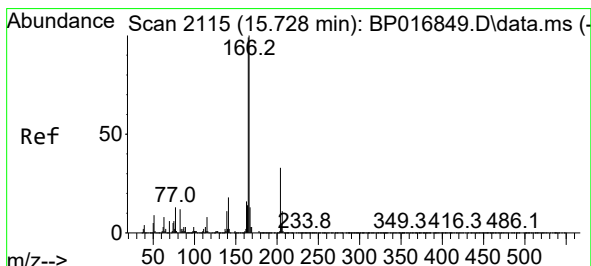
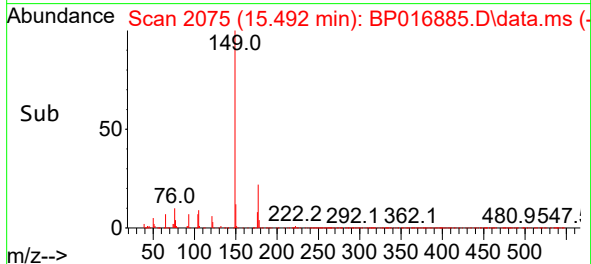
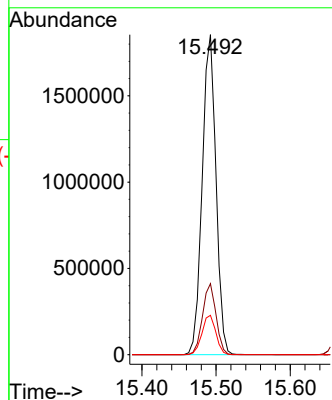
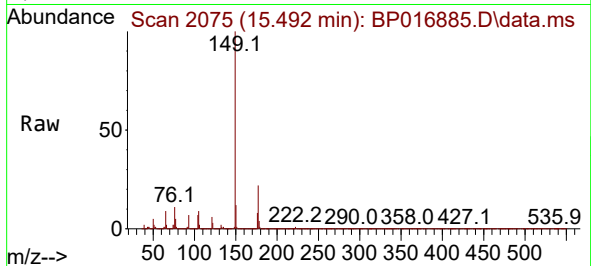




#59
Diethylphthalate
Concen: 35.405 ng/ul
RT: 15.492 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

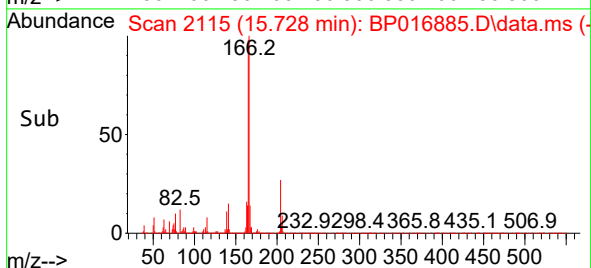
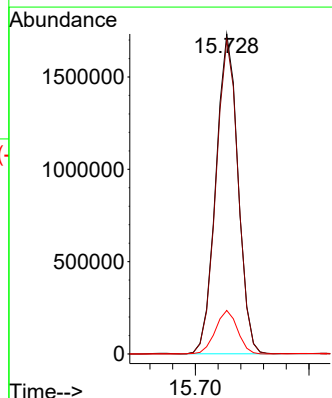
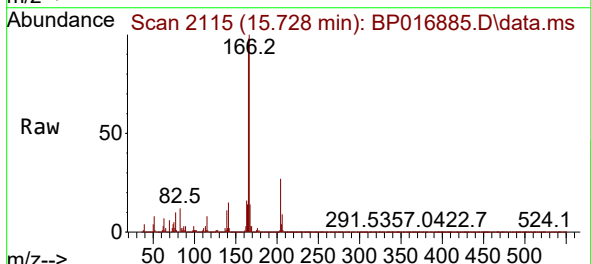
Instrument :
BNA_P
ClientSampleId :

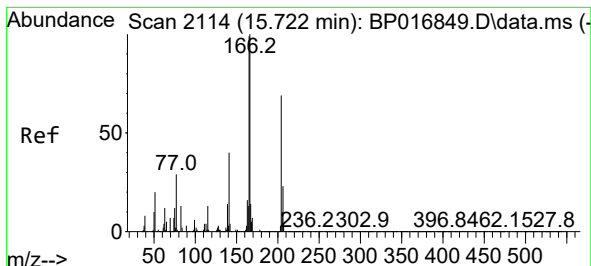
Tgt Ion:149 Resp: 2389115
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.3 10.2 15.2



#61
Fluorene
Concen: 36.421 ng/ul
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:166 Resp: 2346732
Ion Ratio Lower Upper
166 100
165 98.1 78.8 118.2
167 13.6 10.9 16.3

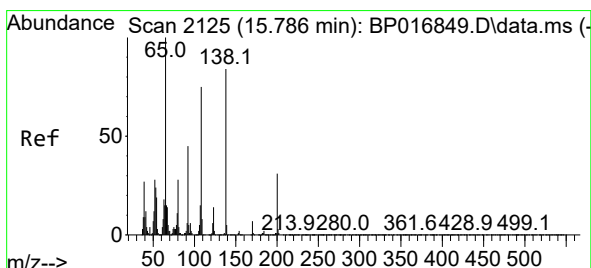
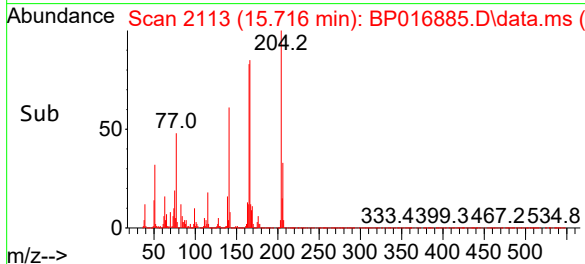
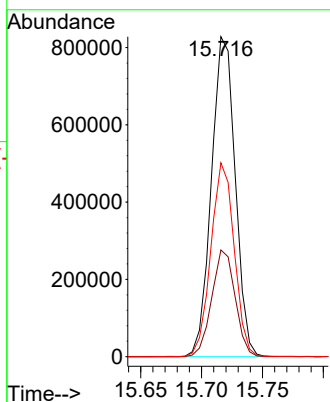
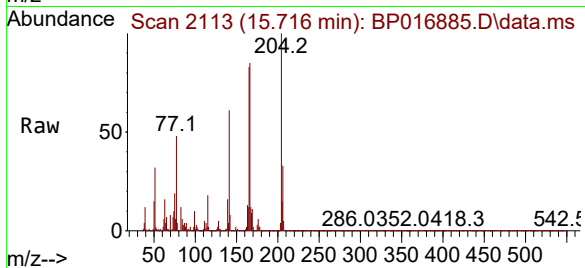




#62
4-Chlorophenyl-phenylether
Concen: 35.656 ng/ul
RT: 15.716 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

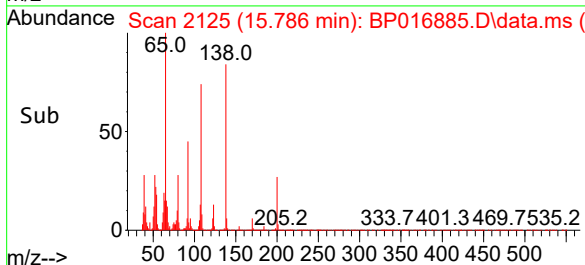
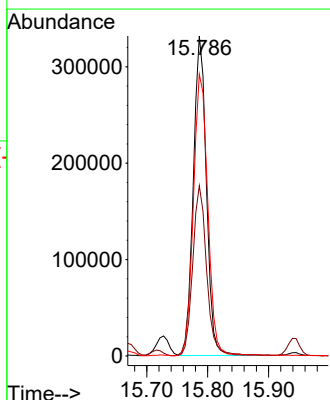
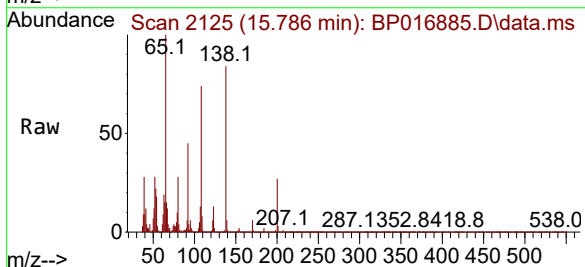
Instrument :
BNA_P
ClientSampleId :

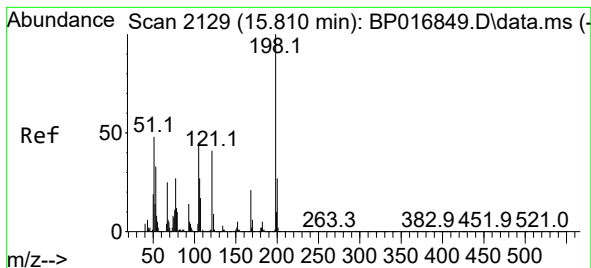
Tgt Ion:204 Resp: 1127967
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 60.6 46.8 70.2



#63
4-Nitroaniline
Concen: 38.446 ng/ul
RT: 15.786 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:138 Resp: 495814
Ion Ratio Lower Upper
138 100
92 53.2 41.6 62.4
108 88.0 74.9 112.3

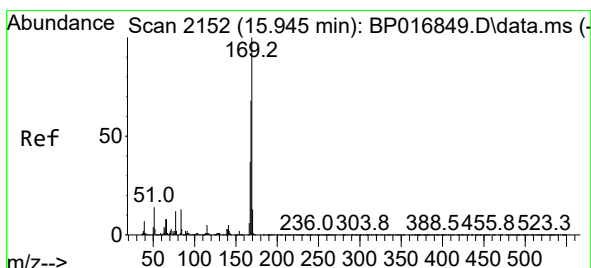
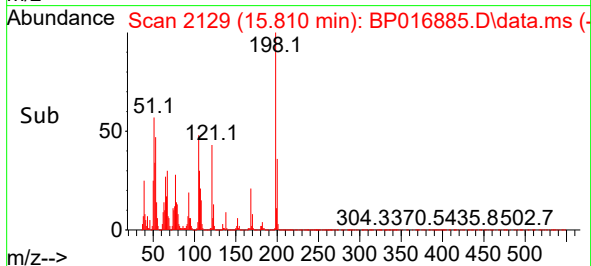
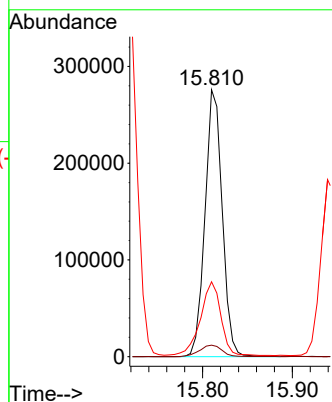
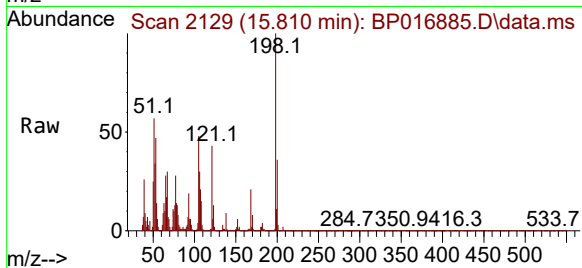




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.635 ng/ul
 RT: 15.810 min Scan# 2129
 Delta R.T. 0.000 min
 Lab File: BP016885.D
 Acq: 30 Aug 2023 23:04

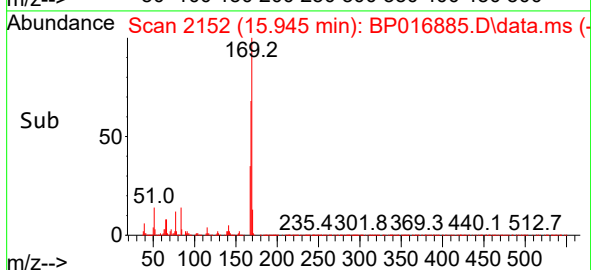
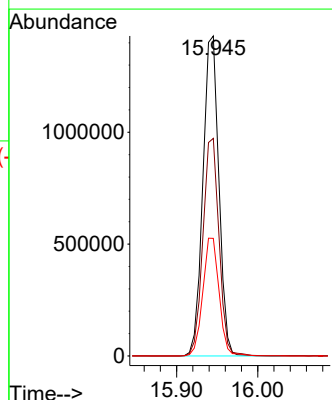
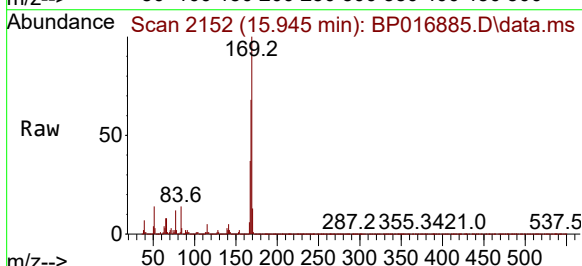
Instrument :
 BNA_P
 ClientSampleId :

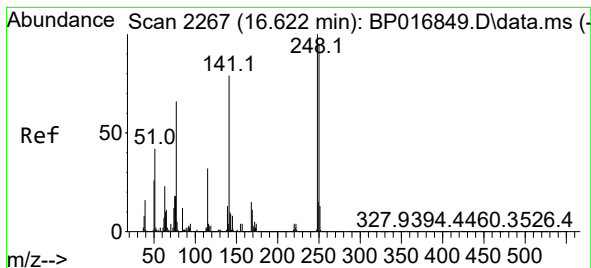
Tgt Ion:198 Resp: 367483
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.2 4.8
 77 28.1 20.7 31.1



#67
 N-Nitrosodiphenylamine
 Concen: 37.749 ng/ul
 RT: 15.945 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BP016885.D
 Acq: 30 Aug 2023 23:04

Tgt Ion:169 Resp: 1950599
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.2 81.2
 167 36.7 29.4 44.2

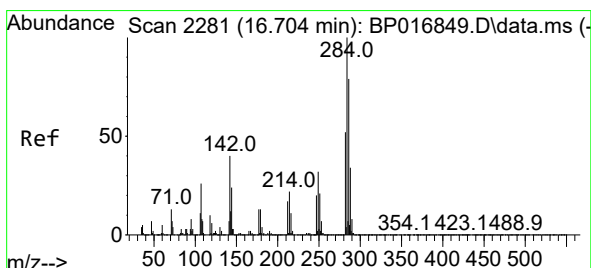
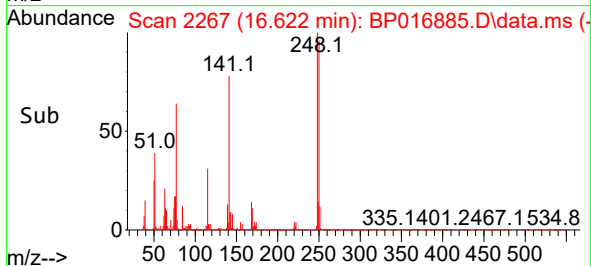
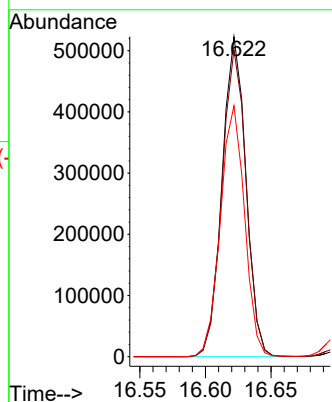
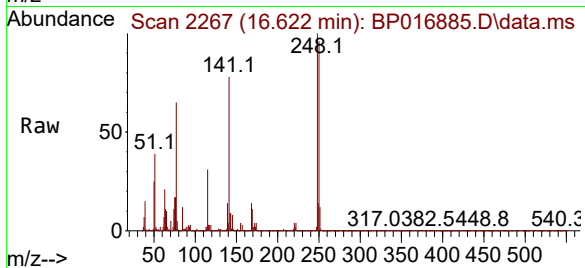




#68
4-Bromophenyl-phenylether
Concen: 36.994 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

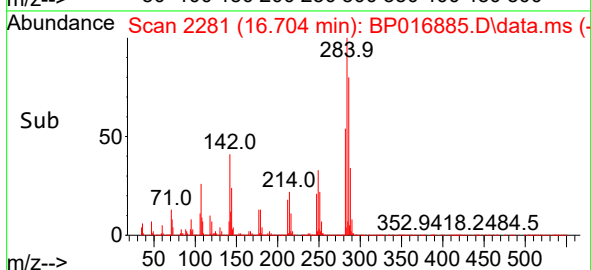
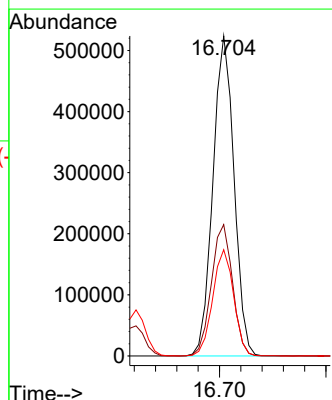
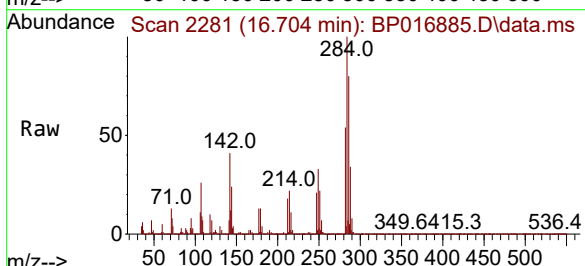
Instrument :
BNA_P
ClientSampleId :

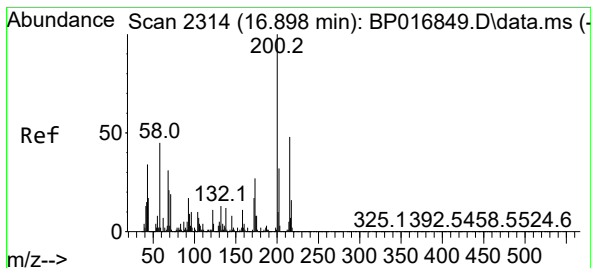
Tgt Ion:248 Resp: 662642
Ion Ratio Lower Upper
248 100
250 95.9 75.4 113.2
141 78.4 58.7 88.1



#69
Hexachlorobenzene
Concen: 35.796 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:284 Resp: 717903
Ion Ratio Lower Upper
284 100
142 41.0 29.8 44.8
249 33.2 25.9 38.9





#70

Atrazine

Concen: 32.994 ng/ul

RT: 16.898 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

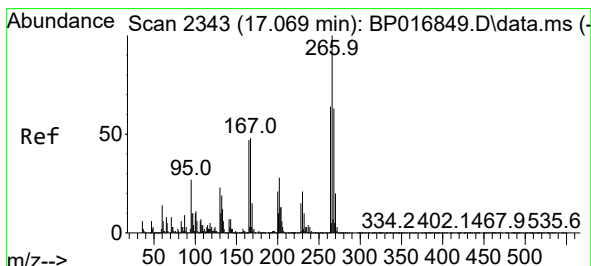
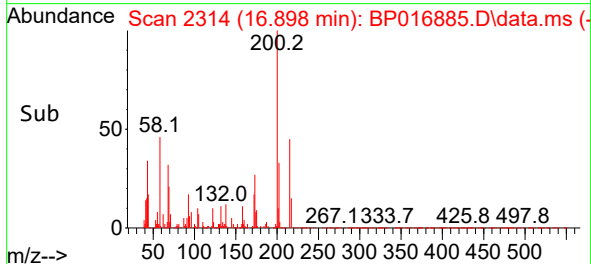
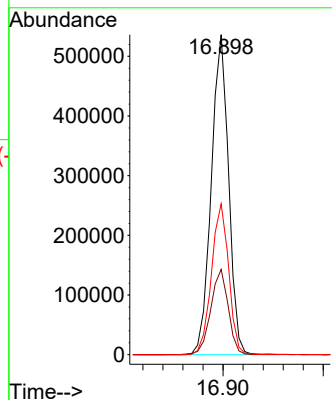
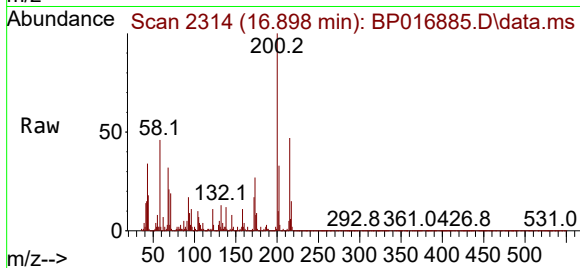
Tgt Ion:200 Resp: 642761

Ion Ratio Lower Upper

200 100

173 26.6 21.4 32.2

215 47.2 37.3 55.9



#71

Pentachlorophenol

Concen: 29.688 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

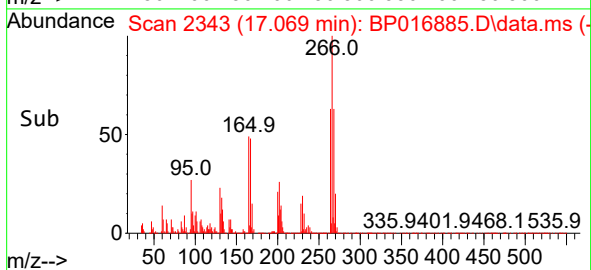
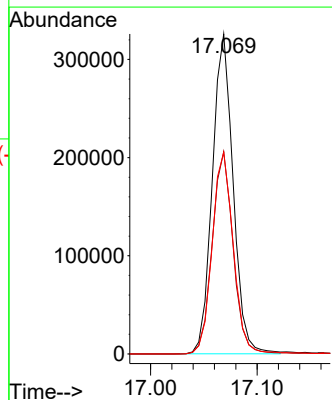
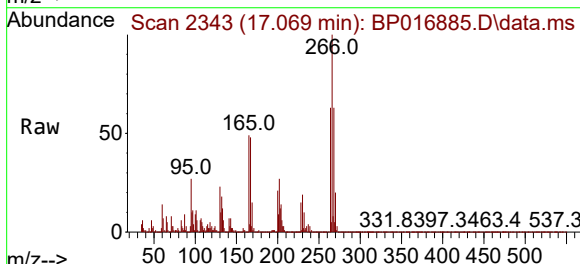
Tgt Ion:266 Resp: 441979

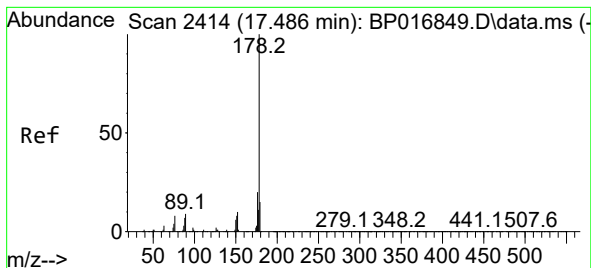
Ion Ratio Lower Upper

266 100

264 63.2 50.7 76.1

268 63.0 50.8 76.2





#72

Phenanthrene

Concen: 37.724 ng/ul

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

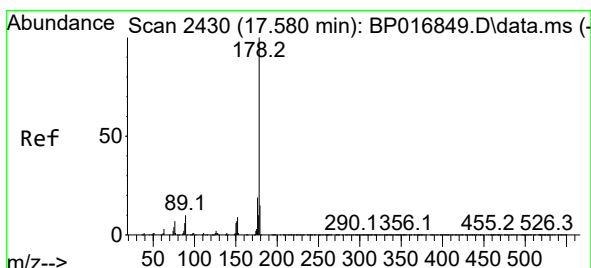
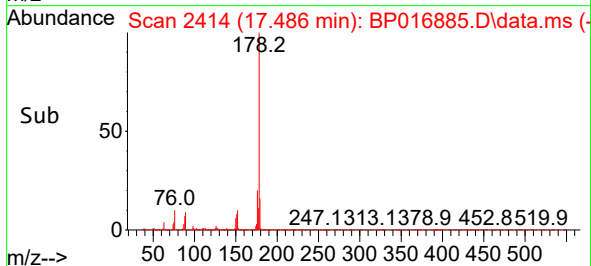
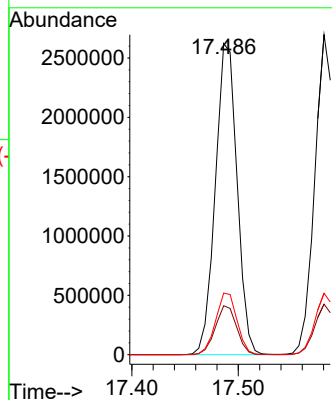
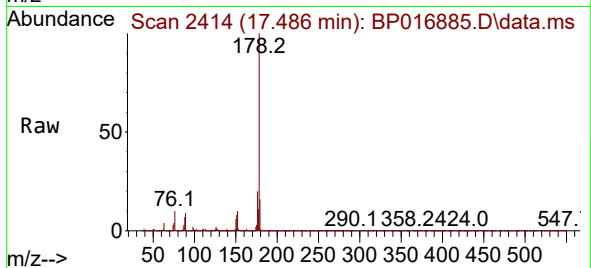
Tgt Ion:178 Resp: 3710388

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.8 15.6 23.4



#74

Anthracene

Concen: 36.376 ng/ul

RT: 17.580 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

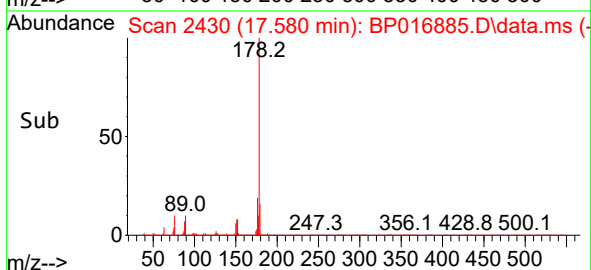
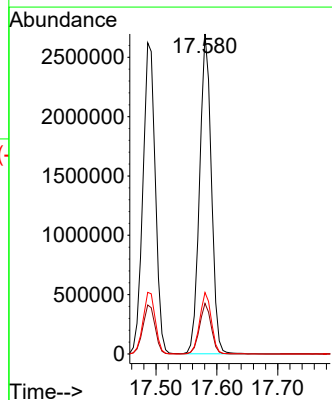
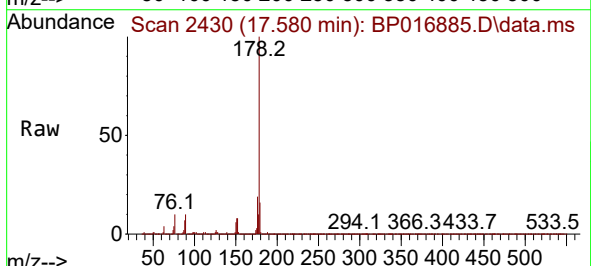
Tgt Ion:178 Resp: 3617597

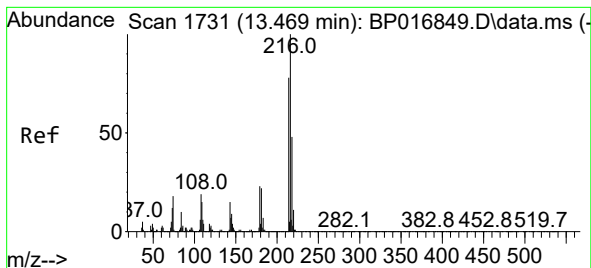
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.2 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.568 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

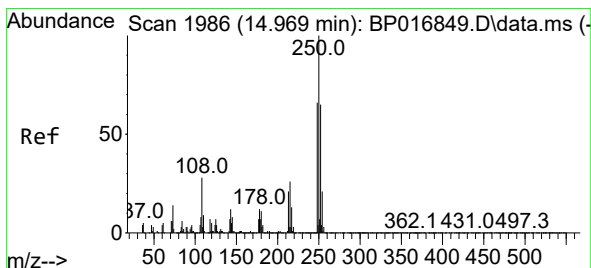
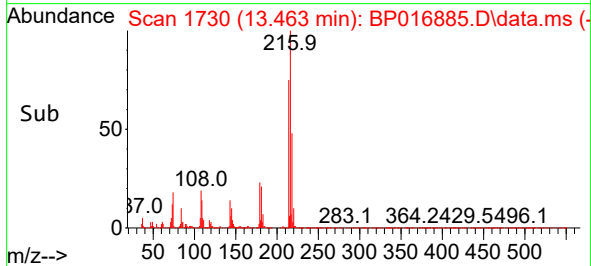
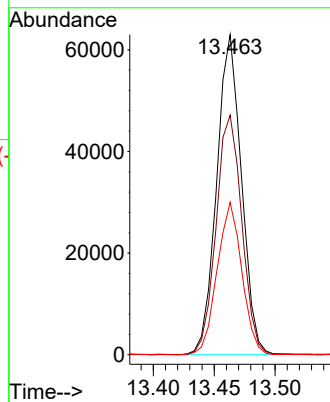
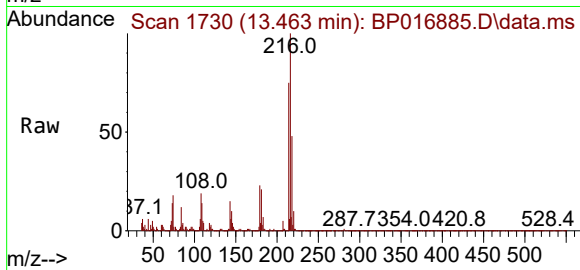
Tgt Ion:216 Resp: 89259

Ion Ratio Lower Upper

216 100

214 74.9 64.0 96.0

218 47.6 38.2 57.2



#76

Pentachlorobenzene

Concen: 39.550 ng/uL

RT: 14.969 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

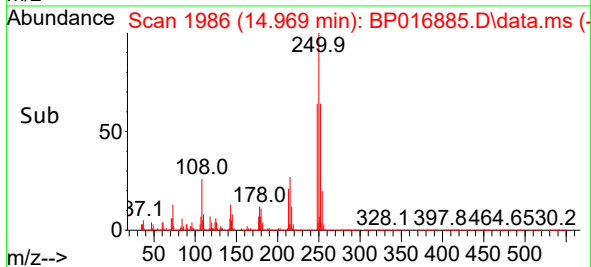
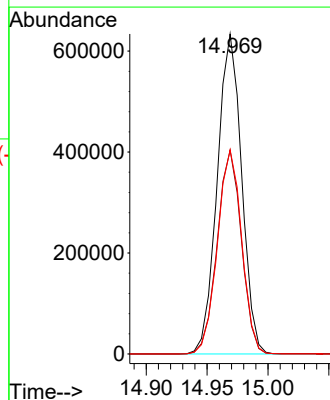
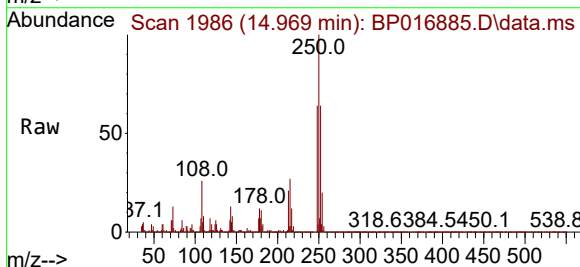
Tgt Ion:250 Resp: 884174

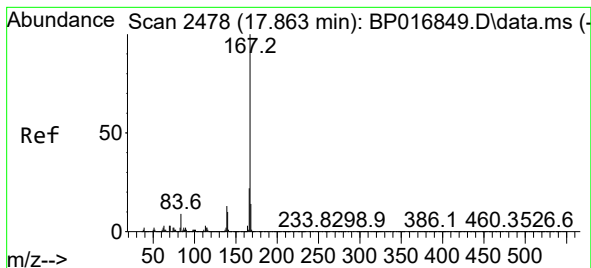
Ion Ratio Lower Upper

250 100

248 63.7 50.9 76.3

252 63.8 52.2 78.4





#77

Carbazole

Concen: 38.402 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

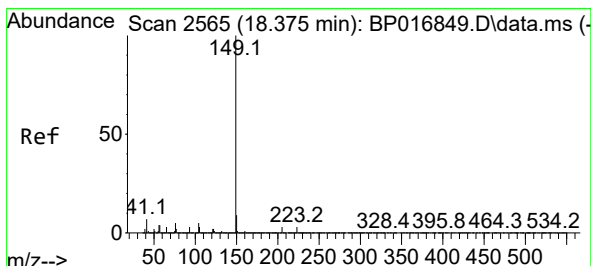
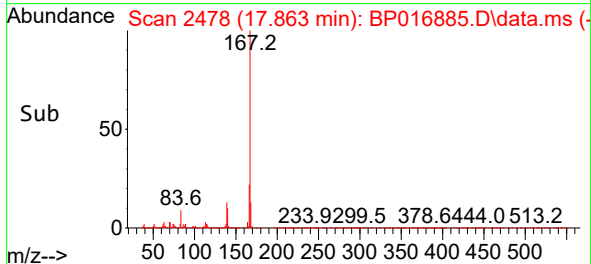
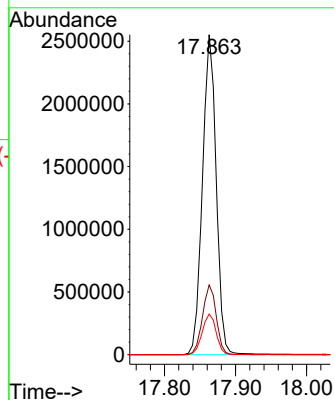
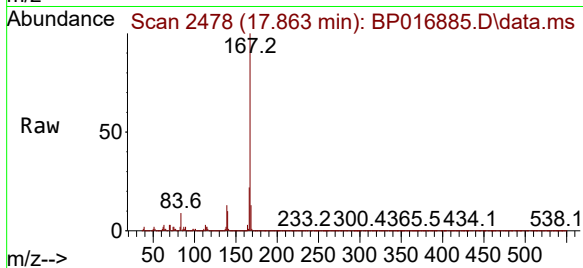
Tgt Ion:167 Resp: 3439620

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 12.7 10.4 15.6



#78

Di-n-butylphthalate

Concen: 37.198 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

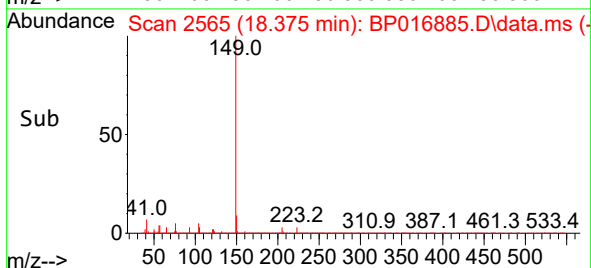
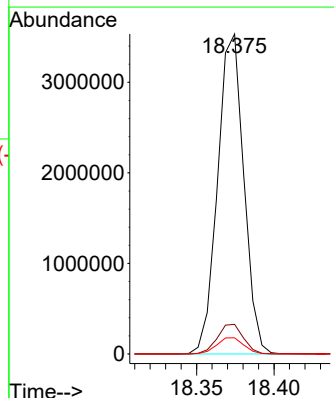
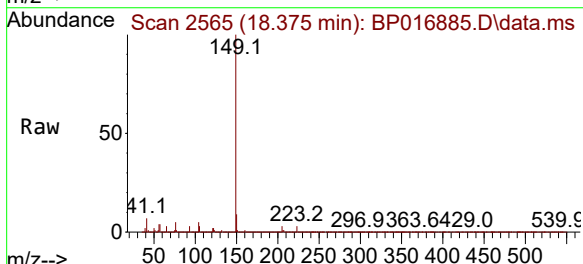
Tgt Ion:149 Resp: 4156709

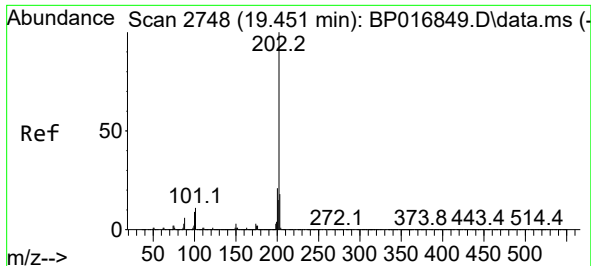
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.0 4.1 6.1

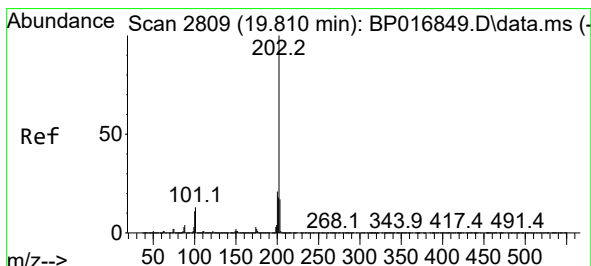
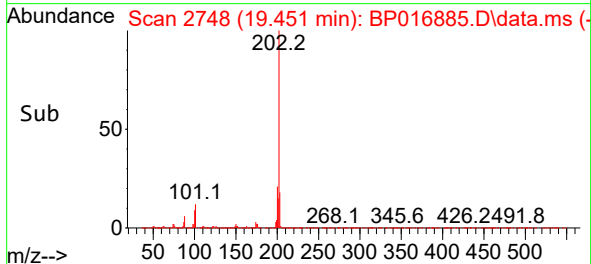
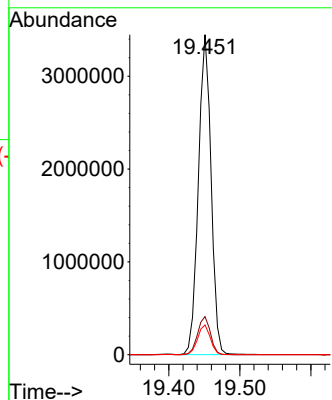
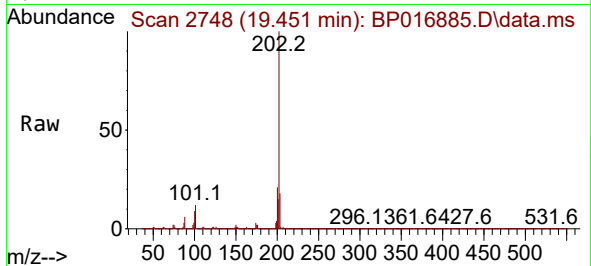




#80
Fluoranthene
Concen: 41.697 ng/ul
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

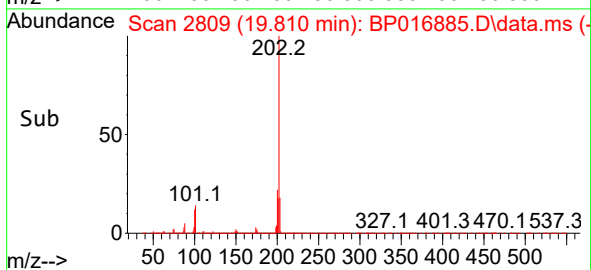
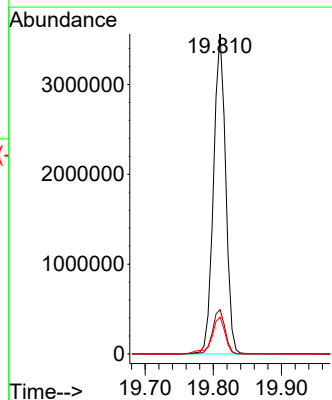
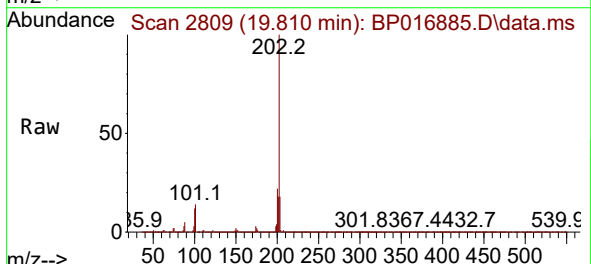
Instrument :
BNA_P
ClientSampleId :

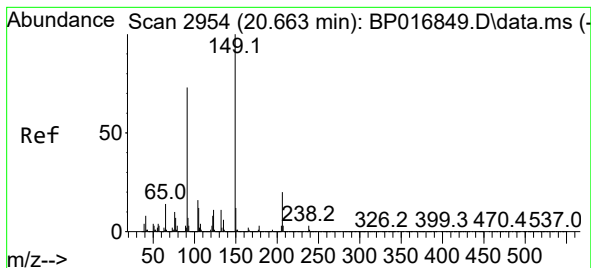
Tgt Ion:202 Resp: 4288165
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.3 7.4 11.2



#82
Pyrene
Concen: 41.534 ng/ul
RT: 19.810 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP016885.D
Acq: 30 Aug 2023 23:04

Tgt Ion:202 Resp: 4412170
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.2
100 11.6 9.4 14.2





#83

Butylbenzylphthalate

Concen: 41.788 ng/ul

RT: 20.663 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

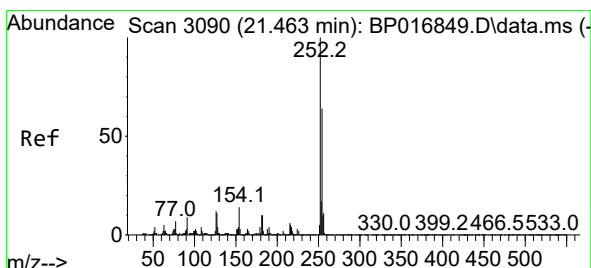
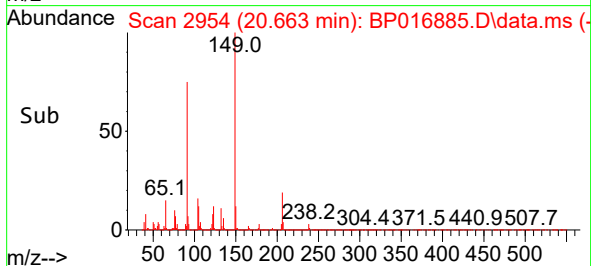
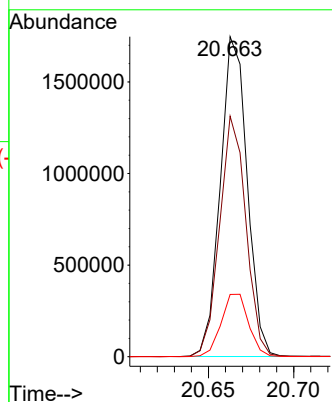
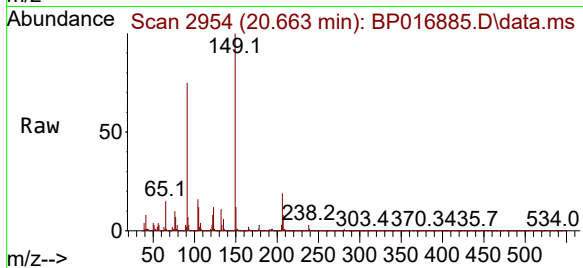
Tgt Ion:149 Resp: 1914499

Ion Ratio Lower Upper

149 100

91 75.1 58.5 87.7

206 19.5 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 36.852 ng/ul

RT: 21.463 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

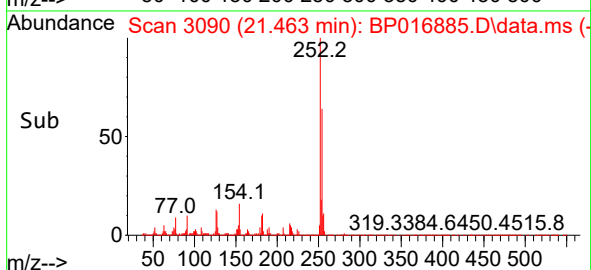
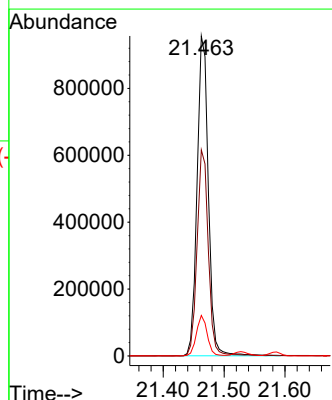
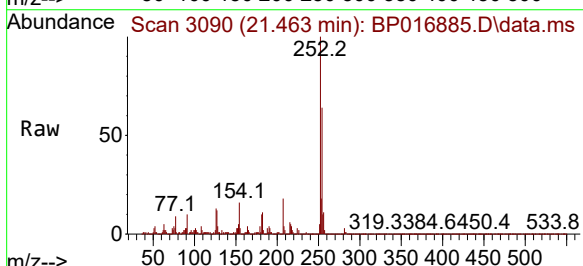
Tgt Ion:252 Resp: 1227847

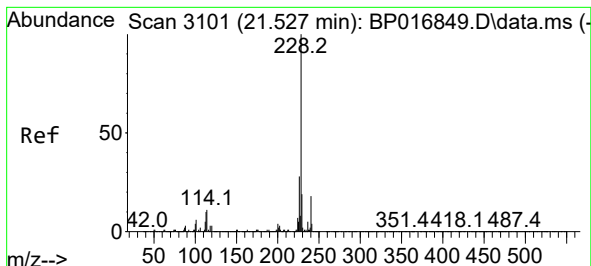
Ion Ratio Lower Upper

252 100

254 64.4 52.1 78.1

126 12.7 9.6 14.4





#85

Benzo(a)anthracene

Concen: 37.557 ng/ul

RT: 21.527 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

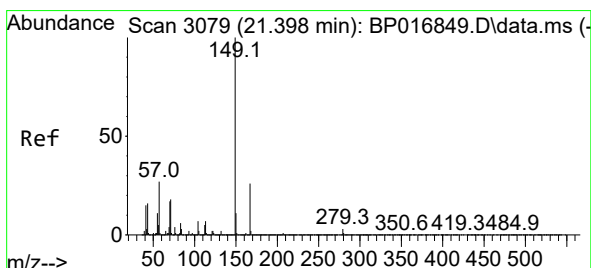
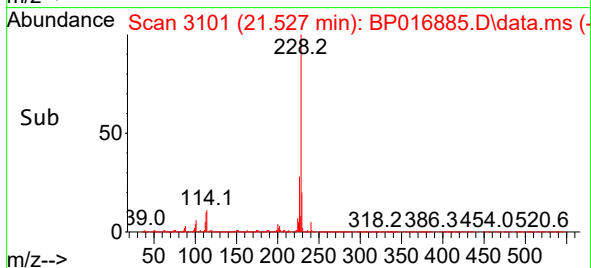
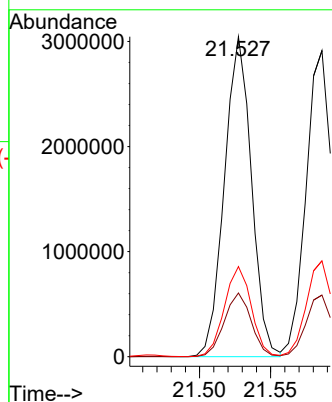
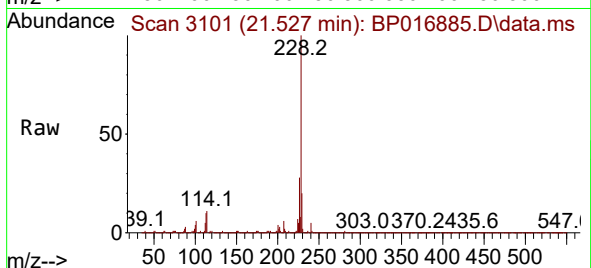
Tgt Ion:228 Resp: 4032491

Ion Ratio Lower Upper

228 100

229 19.9 16.2 24.4

226 28.2 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.119 ng/ul

RT: 21.404 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

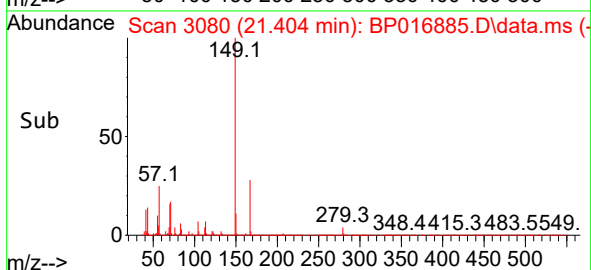
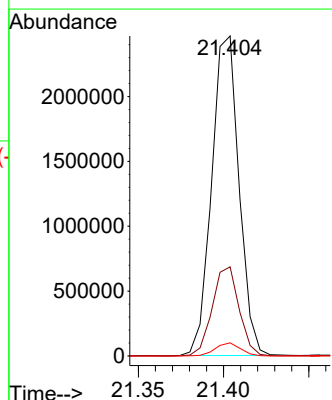
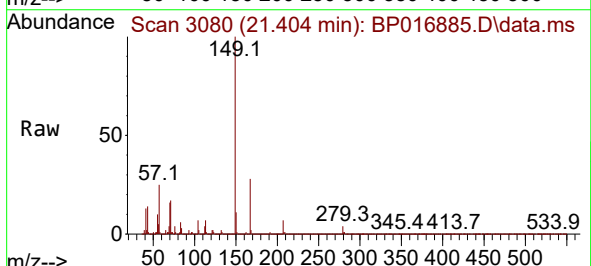
Tgt Ion:149 Resp: 2750659

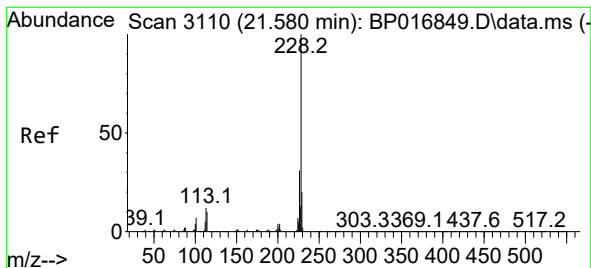
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.1 3.0 4.4





#87

Chrysene

Concen: 38.437 ng/ul

RT: 21.586 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

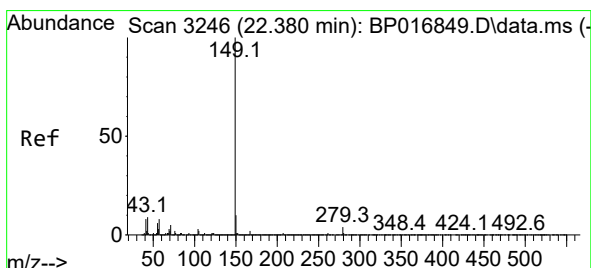
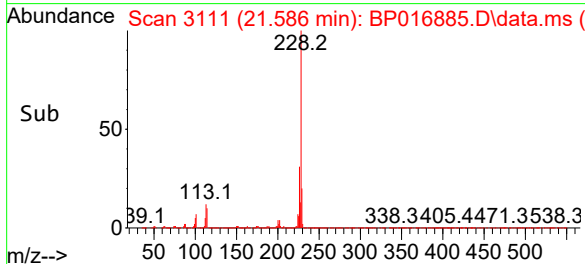
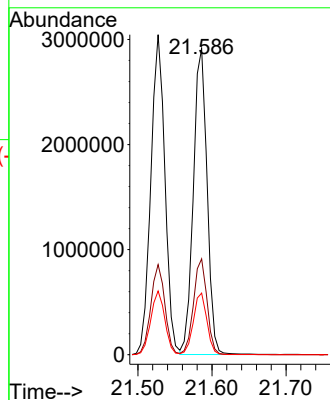
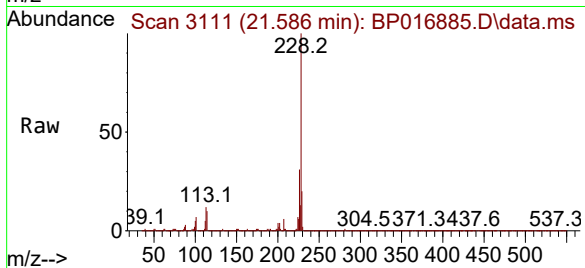
Tgt Ion:228 Resp: 3748888

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

229 20.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 45.771 ng/ul

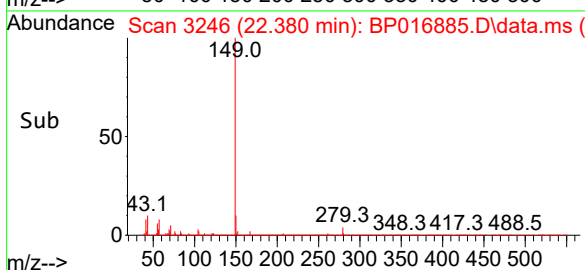
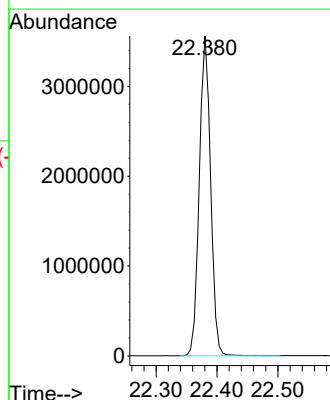
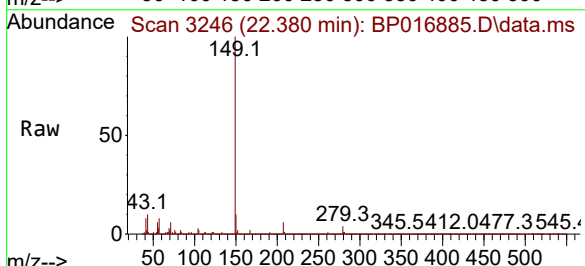
RT: 22.380 min Scan# 3246

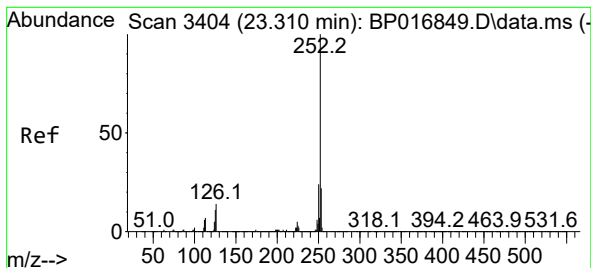
Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Tgt Ion:149 Resp: 4570843





#90

Benzo(b)fluoranthene

Concen: 41.613 ng/ul

RT: 23.310 min Scan# 3404

Delta R.T. 0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

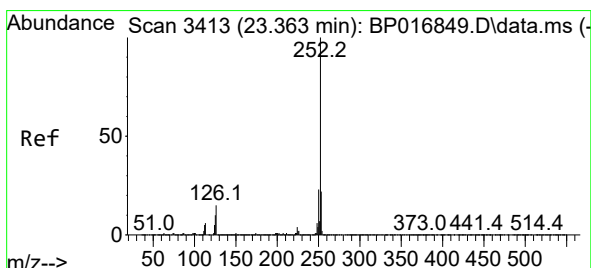
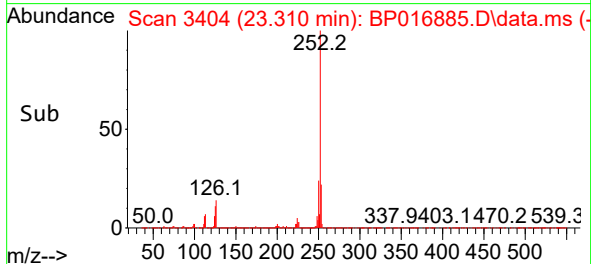
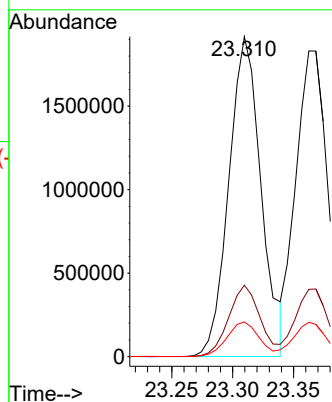
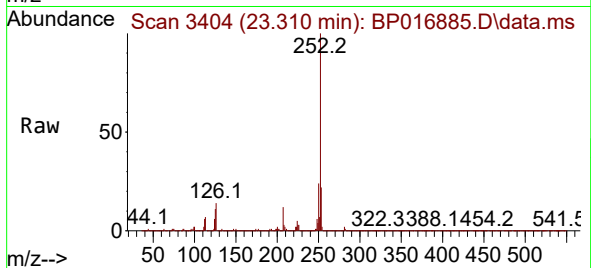
Tgt Ion:252 Resp: 3523747

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.8 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 39.861 ng/ul

RT: 23.362 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

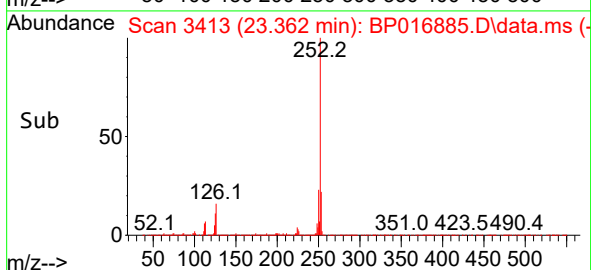
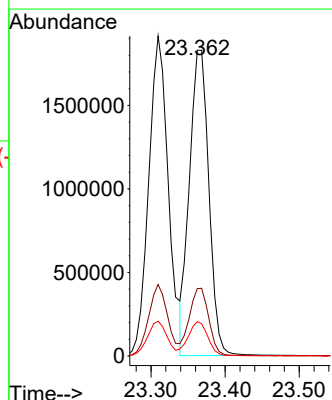
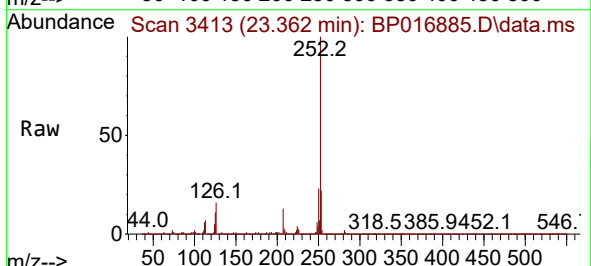
Tgt Ion:252 Resp: 3338264

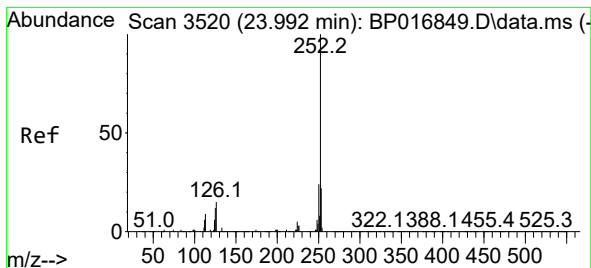
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 11.2 8.9 13.3





#93

Benzo(a)pyrene

Concen: 38.048 ng/ul

RT: 23.998 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

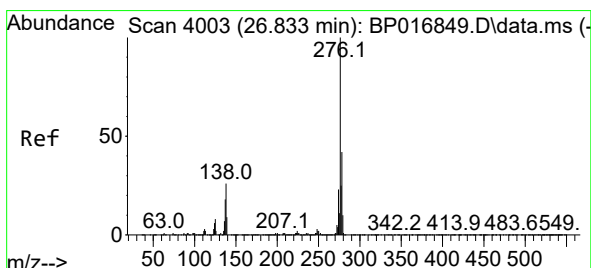
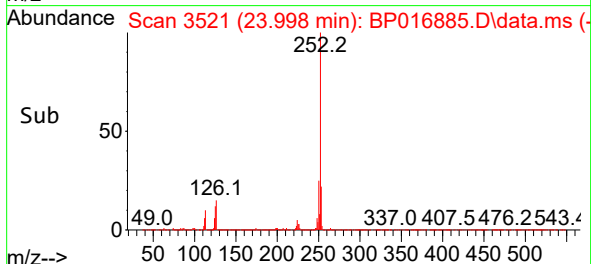
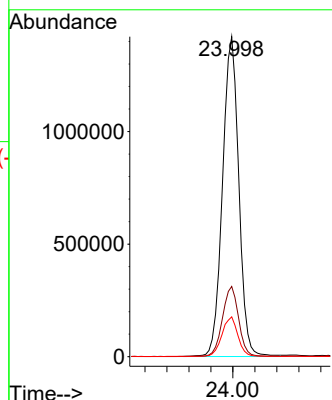
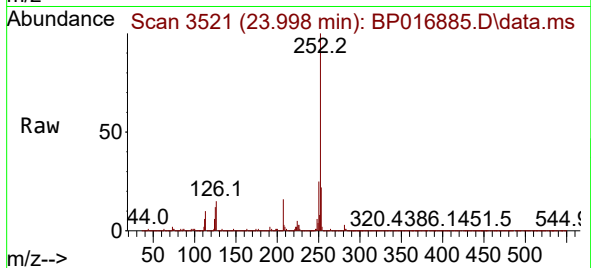
Tgt Ion:252 Resp: 2914283

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 12.5 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 41.182 ng/ul

RT: 26.839 min Scan# 4004

Delta R.T. 0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

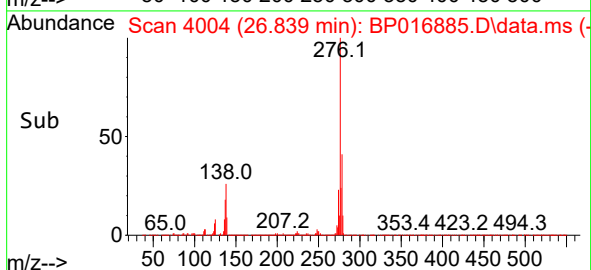
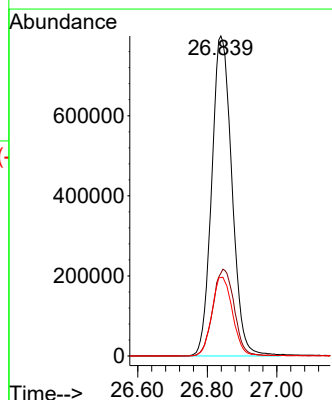
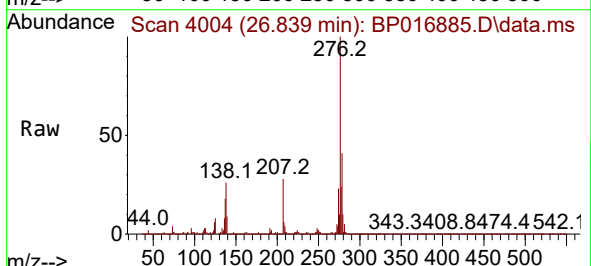
Tgt Ion:276 Resp: 3223268

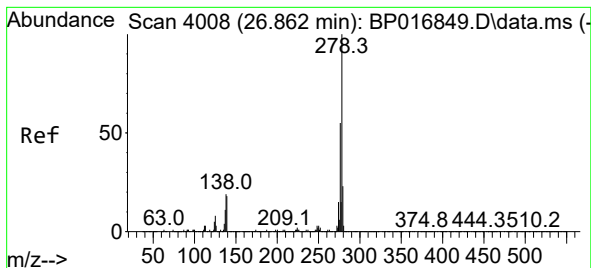
Ion Ratio Lower Upper

276 100

138 25.8 20.9 31.3

277 24.5 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 40.826 ng/ul

RT: 26.868 min Scan# 4008

Delta R.T. 0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Instrument :

BNA_P

ClientSampleId :

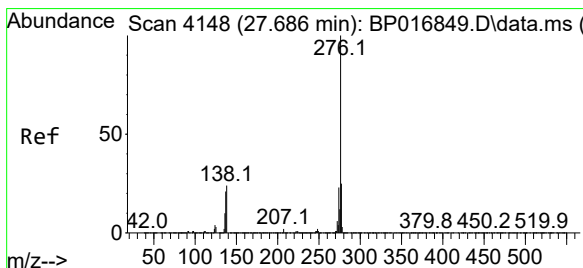
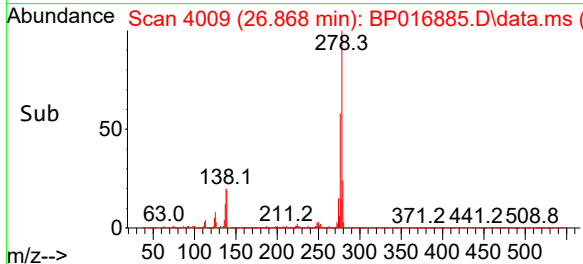
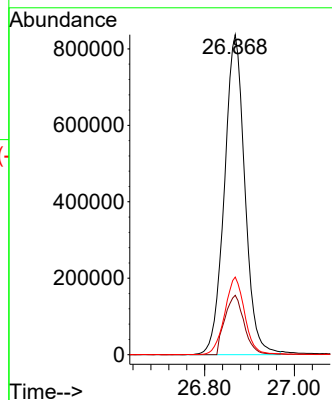
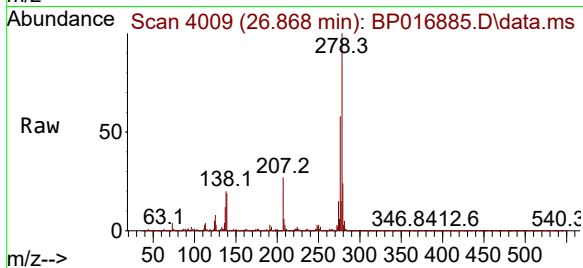
Tgt Ion:278 Resp: 2653999

Ion Ratio Lower Upper

278 100

139 18.5 15.0 22.6

279 24.3 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 43.057 ng/ul

RT: 27.692 min Scan# 4149

Delta R.T. 0.006 min

Lab File: BP016885.D

Acq: 30 Aug 2023 23:04

Tgt Ion:276 Resp: 2554971

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.4

277 24.0 19.3 28.9

