

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020823\
 Data File : BP013804.D
 Acq On : 08 Feb 2023 19:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020759

Quant Time: Feb 08 23:58:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 08 00:37:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	194055	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	851044	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	569965	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1441013	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1277851	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1100230	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	36927	7.887	ng/uL	0.00
4) Pyridine-d5	3.905	84	265893	19.156	ng/u1	0.00
7) Phenol-d5	7.269	99	334061	19.321	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	195413	19.287	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	254686	20.010	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	284739	20.148	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	127521	21.536	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	143342	20.966	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	285854	20.517	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	419398	21.236	ng/u1	0.00
46) Dimethylphthalate-d6	14.157	166	943487	21.017	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	1026782	21.130	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	163841	20.486	ng/u1	0.00
60) Fluorene-d10	15.751	176	804390	21.037	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	149959	16.963	ng/u1	0.00
73) Anthracene-d10	17.610	188	1386140	21.037	ng/u1	0.00
81) Pyrene-d10	19.827	212	1613368	22.264	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1163002	21.096	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	38915	7.743	ng/uL	98
5) Pyridine	3.922	79	264637	19.292	ng/u1	99
6) Benzaldehyde	7.252	77	147864	18.964	ng/u1	98
8) Phenol	7.293	94	343182	19.336	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.534	93	274695	19.315	ng/u1	98
12) 2-Chlorophenol	7.681	128	264607	20.262	ng/u1	98
13) 2-Methylphenol	8.563	108	270691	19.981	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.652	45	333765	20.632	ng/u1	99
16) Acetophenone	8.952	105	466067	20.565	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.934	70	229143	20.360	ng/u1	98
18) 4-Methylphenol	8.893	108	305928	20.454	ng/u1	98
19) Hexachloroethane	9.216	117	110830	20.725	ng/u1	97
22) Nitrobenzene	9.340	77	333529	21.410	ng/u1	98
23) Isophorone	9.869	82	679997	20.689	ng/u1	99
25) 2-Nitrophenol	10.057	139	153569	20.724	ng/u1	99
26) 2,4-Dimethylphenol	10.104	107	333912	20.239	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.346	93	400024	20.154	ng/u1	99
29) 2,4-Dichlorophenol	10.593	162	277907	20.261	ng/u1	99
30) Naphthalene	10.998	128	941724	20.787	ng/u1	99
32) 4-Chloroaniline	11.110	127	427874	21.491	ng/u1	100
33) Hexachlorobutadiene	11.281	225	192362	19.909	ng/u1	97
34) Caprolactam	11.881	113	59037	12.266	ng/u1	96
35) 4-Chloro-3-methylphenol	12.216	107	329994	20.839	ng/u1	100
36) 2-Methylnaphthalene	12.598	142	629339	19.758	ng/u1	99

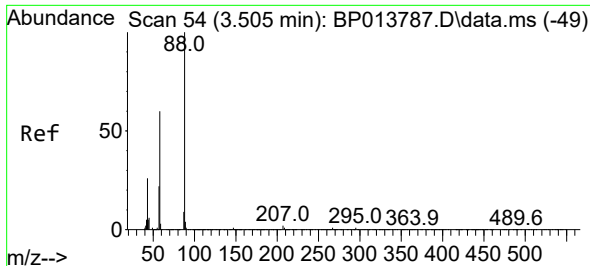
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	643881	19.564	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	376625	20.969	ng/ul	100
40) Hexachlorocyclopentadiene	12.940	237	219133	19.001	ng/ul	99
41) 2,4,6-Trichlorophenol	13.192	196	252831	21.451	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	271568	21.286	ng/ul	99
43) 1,1'-Biphenyl	13.592	154	890958	20.833	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	705282	20.963	ng/ul	99
45) 2-Nitroaniline	13.839	65	183450	22.638	ng/ul	95
47) Dimethylphthalate	14.204	163	937886	21.064	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	174059	22.375	ng/ul	99
50) Acenaphthylene	14.481	152	1100580	20.994	ng/ul	100
51) 3-Nitroaniline	14.657	138	157402	20.466	ng/ul	99
52) Acenaphthene	14.822	153	760105	20.716	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	72521	13.073	ng/ul	96
55) 4-Nitrophenol	14.957	109	139494	19.878	ng/ul	97
56) Dibenzofuran	15.157	168	1091318	20.745	ng/ul	100
57) 2,4-Dinitrotoluene	15.116	165	261292	22.530	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.381	232	265974	22.118	ng/ul	98
59) Diethylphthalate	15.569	149	971037	21.718	ng/ul	100
61) Fluorene	15.804	166	894213	20.836	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.792	204	472972	21.196	ng/ul	98
63) 4-Nitroaniline	15.822	138	152276	20.908	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.875	198	149029	17.195	ng/ul	99
67) N-Nitrosodiphenylamine	16.010	169	786915	20.091	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	318550	20.933	ng/ul	99
69) Hexachlorobenzene	16.810	284	378043	21.320	ng/ul	99
70) Atrazine	16.957	200	334128	21.332	ng/ul	99
71) Pentachlorophenol	17.157	266	223420	19.362	ng/ul	99
72) Phenanthrene	17.557	178	1604615	21.043	ng/ul	100
74) Anthracene	17.645	178	1617873	21.088	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.563	216	379507	19.729	ng/uL	98
76) Pentachlorobenzene	15.075	250	393205	19.808	ng/uL	99
77) Carbazole	17.910	167	1396168	20.659	ng/ul	99
78) Di-n-butylphthalate	18.439	149	1669801	20.372	ng/ul	99
80) Fluoranthene	19.504	202	1899202	22.893	ng/ul	100
82) Pyrene	19.857	202	1960852	22.170	ng/ul	99
83) Butylbenzylphthalate	20.710	149	684580	22.615	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	560061	19.473	ng/ul	99
85) Benzo(a)anthracene	21.569	228	1838216	21.053	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1025711	22.128	ng/ul	98
87) Chrysene	21.627	228	1752935	21.279	ng/ul	97
89) Di-n-octyl phthalate	22.445	149	1533260	20.252	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	1578606	21.517	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	1540483	21.165	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1308680	21.047	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.851	276	1524002	21.851	ng/ul	98
95) Dibenzo(a,h)anthracene	26.868	278	1269331	21.787	ng/ul	99
96) Benzo(g,h,i)perylene	27.680	276	1243001	22.385	ng/ul	98

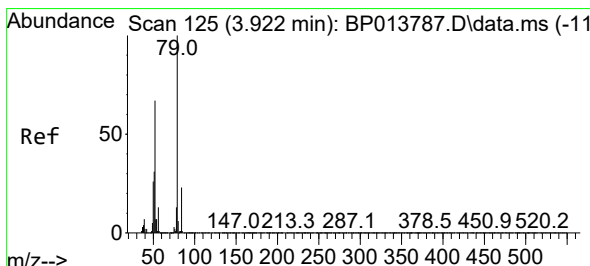
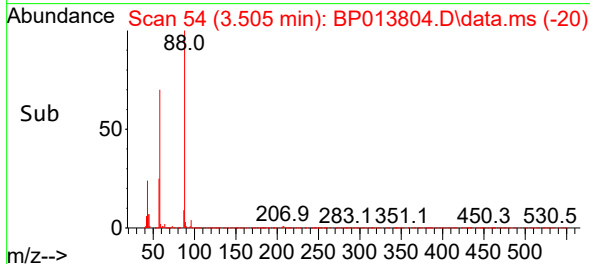
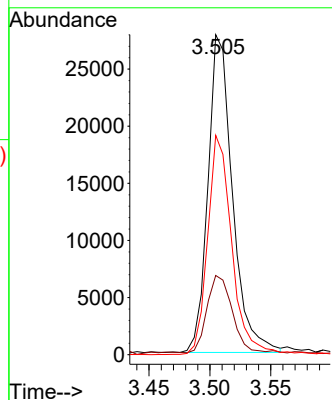
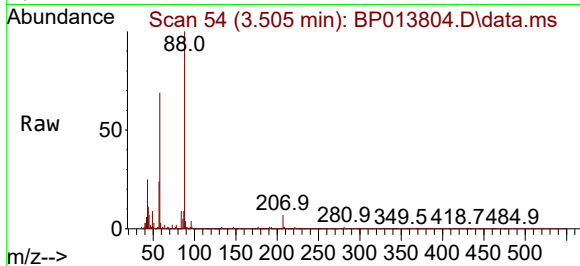
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#2
1,4-Dioxane
Concen: 7.743 ng/uL
RT: 3.505 min Scan# 54
Delta R.T. -0.000 min
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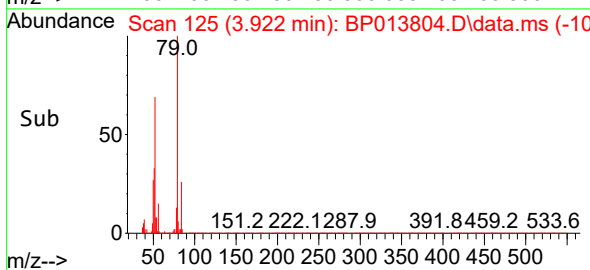
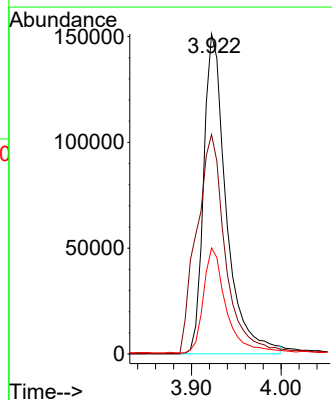
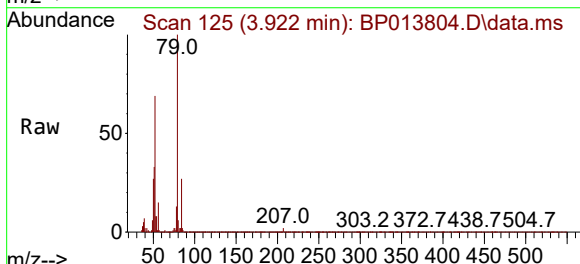
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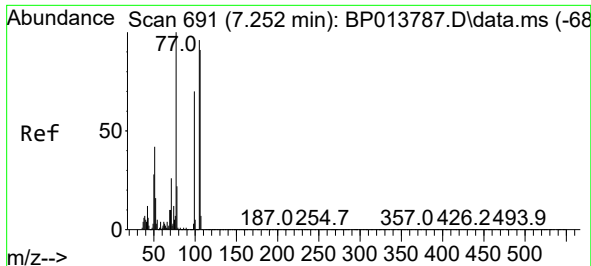
Tgt Ion: 88 Resp: 38915
Ion Ratio Lower Upper
88 100
43 24.7 20.1 30.1
58 68.6 53.0 79.6



#5
Pyridine
Concen: 19.292 ng/uL
RT: 3.922 min Scan# 125
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion: 79 Resp: 264637
Ion Ratio Lower Upper
79 100
52 68.5 55.1 82.7
51 33.1 25.7 38.5

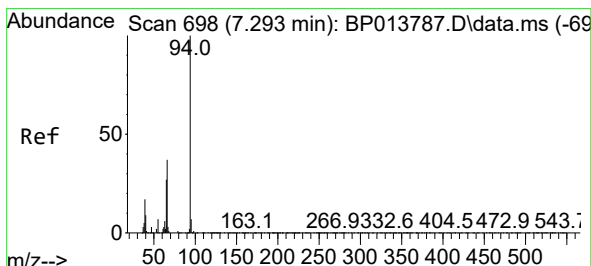
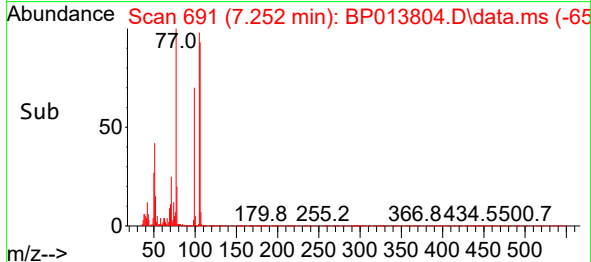
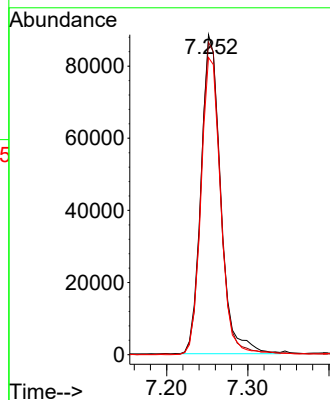
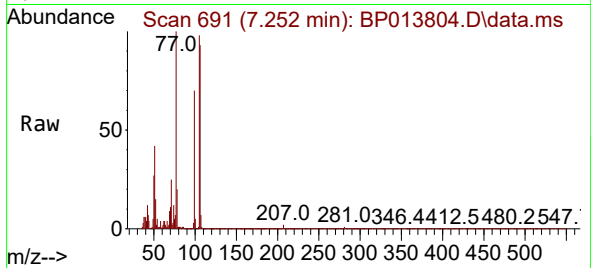




#6
Benzaldehyde
Concen: 18.964 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

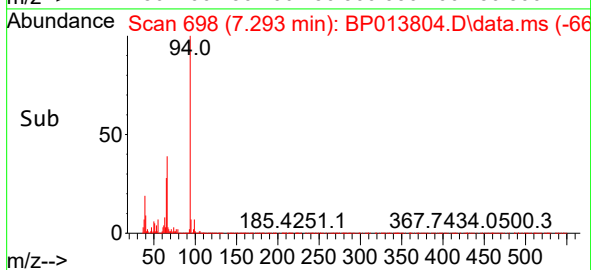
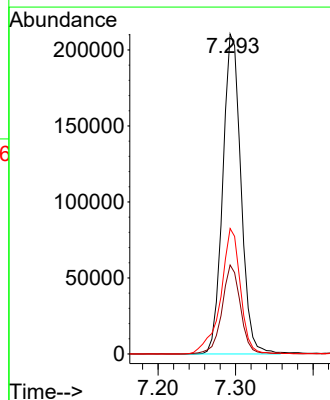
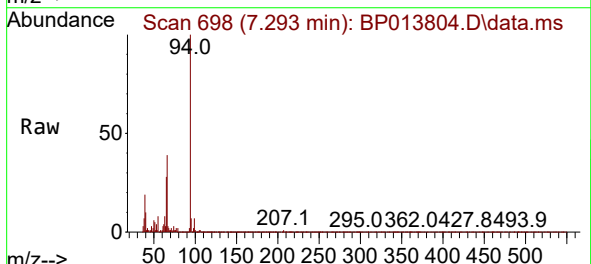
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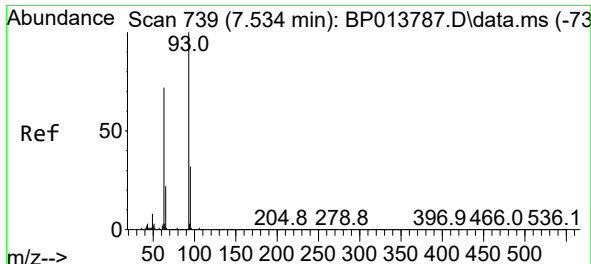
Tgt Ion: 77 Resp: 147864
Ion Ratio Lower Upper
77 100
105 97.6 79.5 119.3
106 92.9 76.5 114.7



#8
Phenol
Concen: 19.336 ng/ul
RT: 7.293 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion: 94 Resp: 343182
Ion Ratio Lower Upper
94 100
65 27.8 22.2 33.4
66 39.2 29.6 44.4



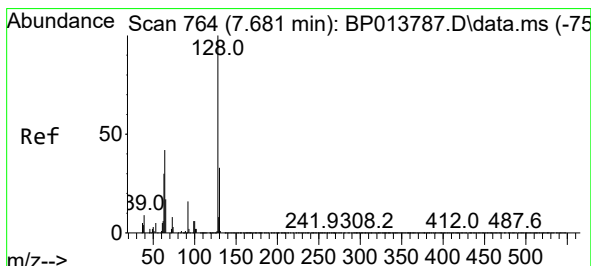
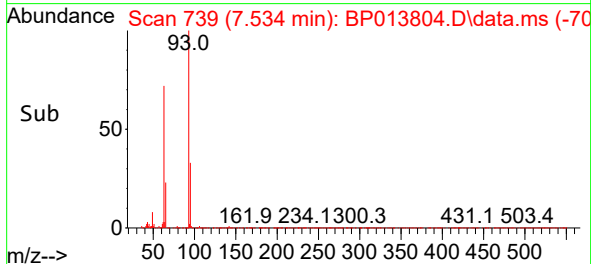
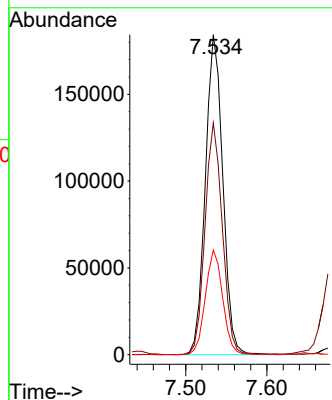
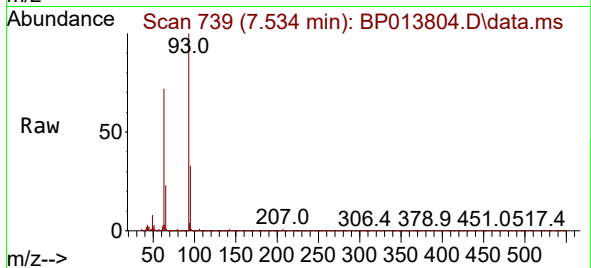


#10
 Bis(2-Chloroethyl)ether
 Concen: 19.315 ng/ul
 RT: 7.534 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: BP013804.D
 Acq: 08 Feb 2023 19:48

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020759

Tgt Ion: 93 Resp: 274695

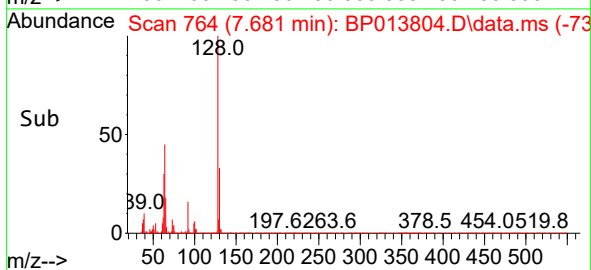
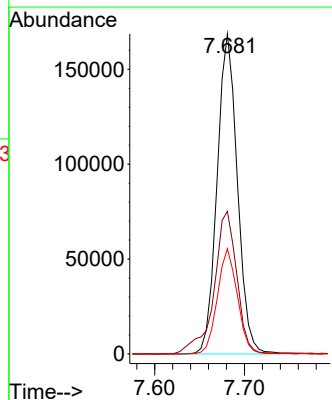
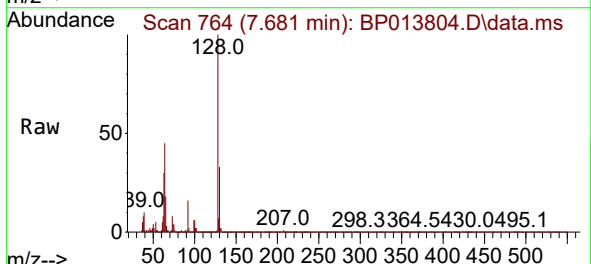
Ion	Ratio	Lower	Upper
93	100		
63	72.5	59.4	89.0
95	32.7	25.8	38.8

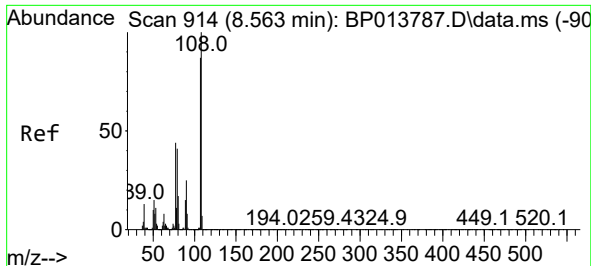


#12
 2-Chlorophenol
 Concen: 20.262 ng/ul
 RT: 7.681 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: BP013804.D
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Tgt Ion: 128 Resp: 264607

Ion	Ratio	Lower	Upper
128	100		
64	44.6	37.3	55.9
130	32.9	26.3	39.5

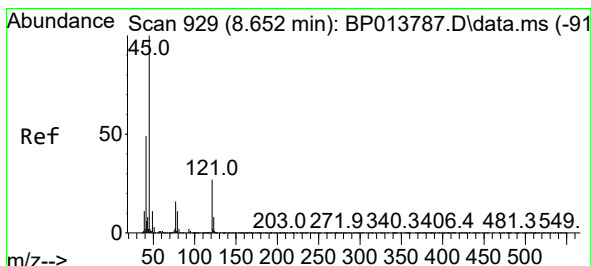
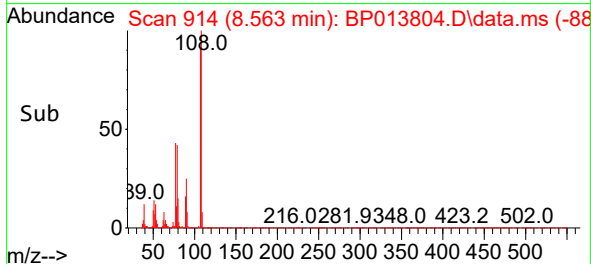
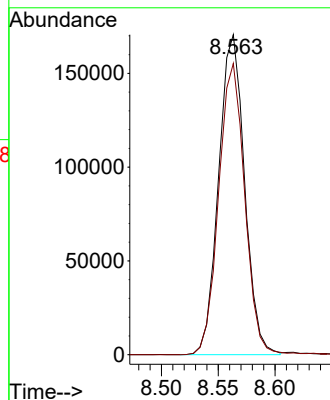
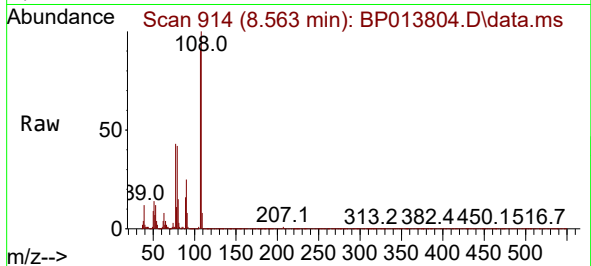




#13
2-Methylphenol
Concen: 19.981 ng/ul
RT: 8.563 min Scan# 914
Delta R.T. -0.000 min
Lab File: BP013804.D
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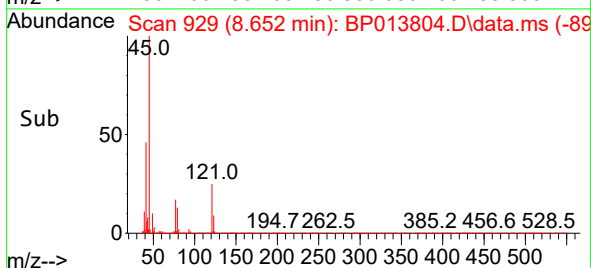
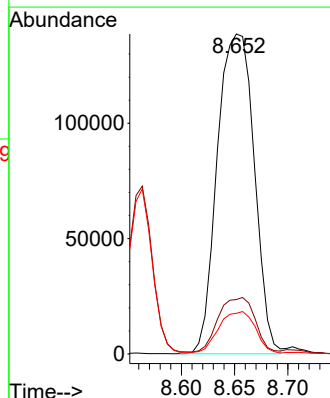
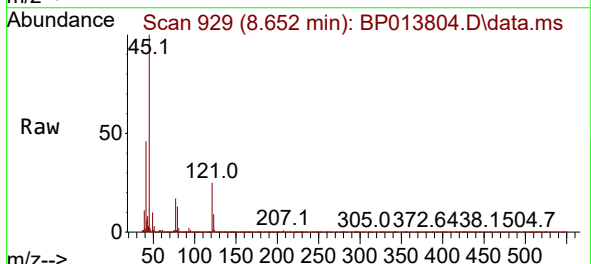
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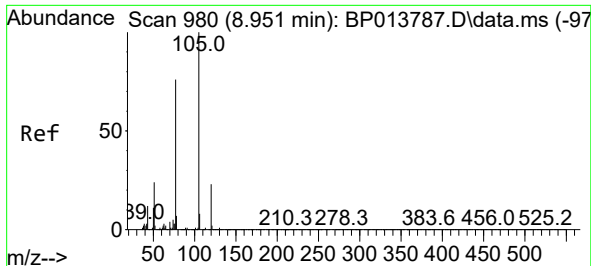
Tgt Ion:108 Resp: 270691
Ion Ratio Lower Upper
108 100
107 91.0 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.632 ng/ul
RT: 8.652 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion: 45 Resp: 333765
Ion Ratio Lower Upper
45 100
77 17.0 13.4 20.2
79 12.7 11.0 16.4

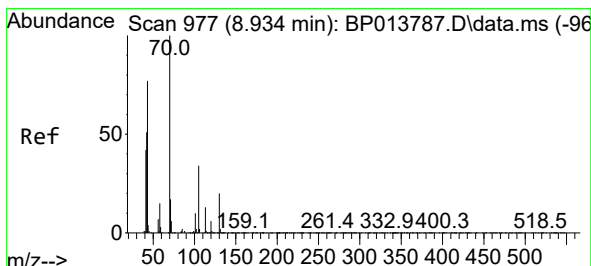
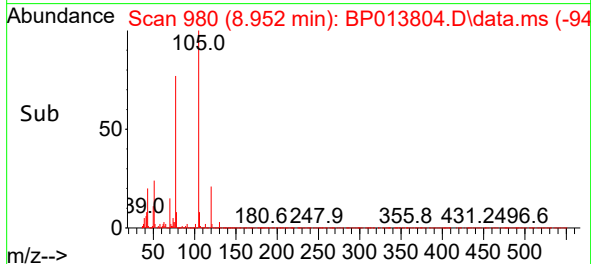
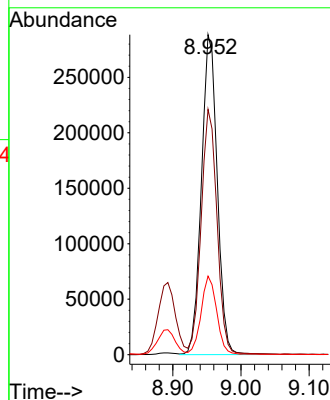
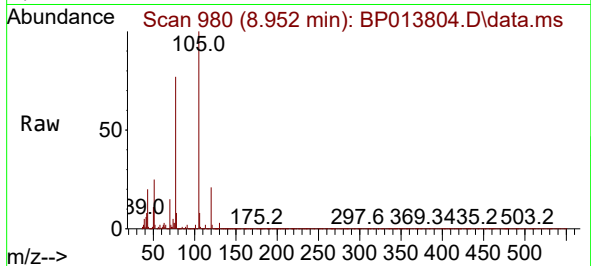




#16
Acetophenone
Concen: 20.565 ng/ul
RT: 8.952 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013804.D
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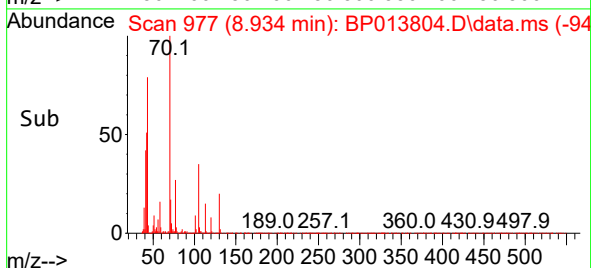
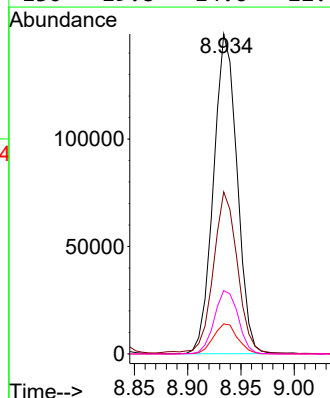
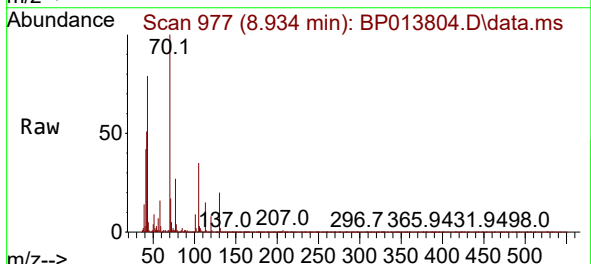
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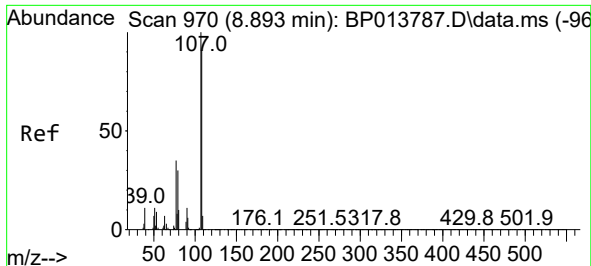
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Ion Ratio Lower Upper
105 100
77 76.7 61.0 91.4
51 24.6 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.360 ng/ul
RT: 8.934 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion: 70 Resp: 229143
Ion Ratio Lower Upper
70 100
42 50.6 39.8 59.8
101 9.4 7.4 11.2
130 19.8 14.6 22.0

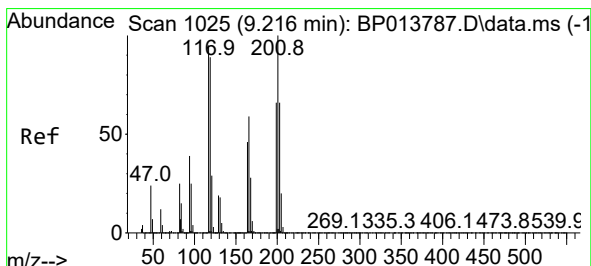
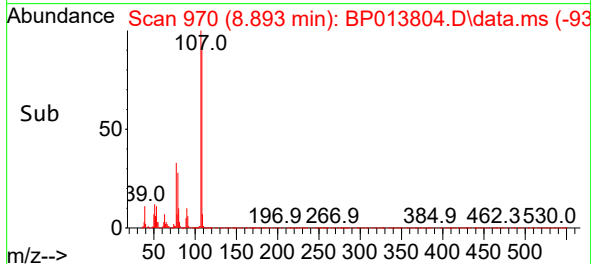
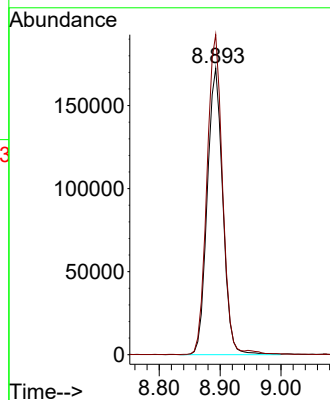
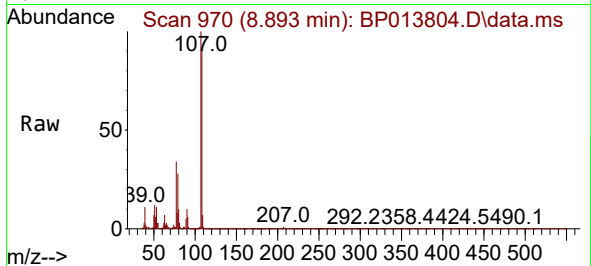




#18
4-Methylphenol
Concen: 20.454 ng/ul
RT: 8.893 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

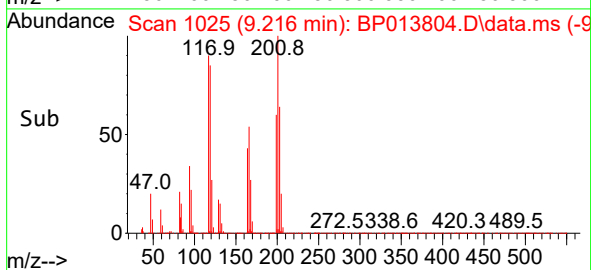
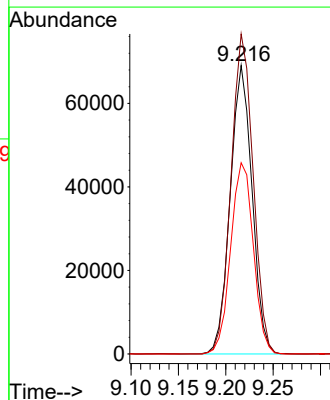
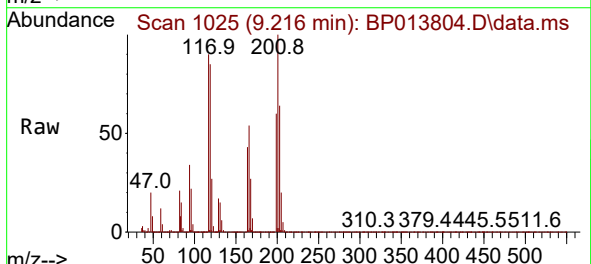
Instrument :
BNA_P
ClientSampleId :
SSTD020759

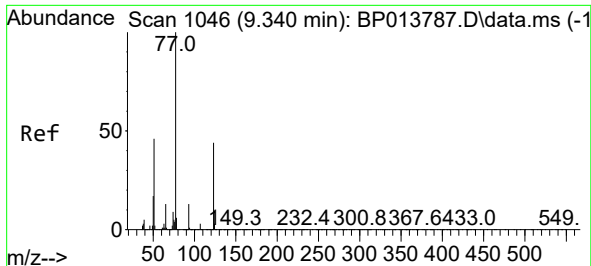
Tgt Ion:108 Resp: 305928
Ion Ratio Lower Upper
108 100
107 111.7 90.9 136.3



#19
Hexachloroethane
Concen: 20.725 ng/ul
RT: 9.216 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:117 Resp: 110830
Ion Ratio Lower Upper
117 100
201 110.9 86.6 129.8
199 66.3 55.2 82.8

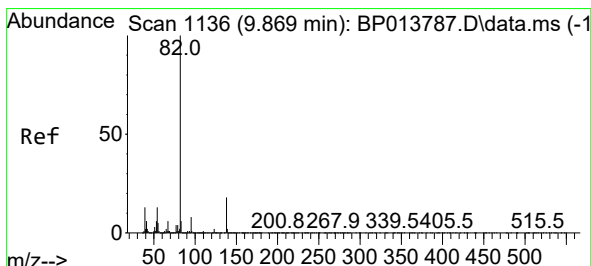
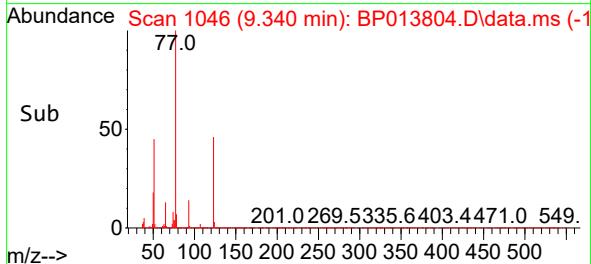
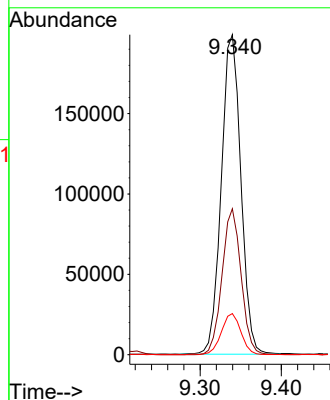
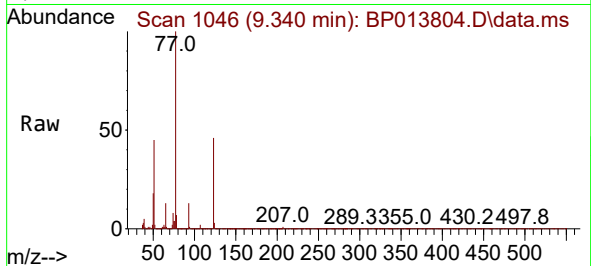




#22
Nitrobenzene
Concen: 21.410 ng/ul
RT: 9.340 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

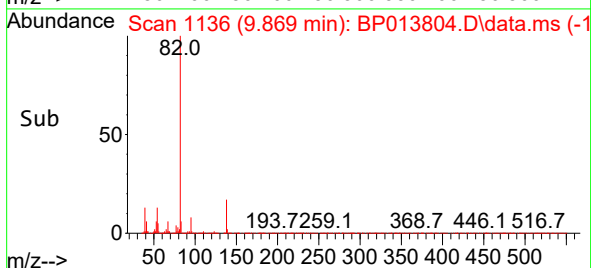
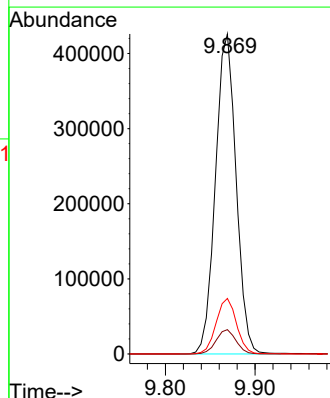
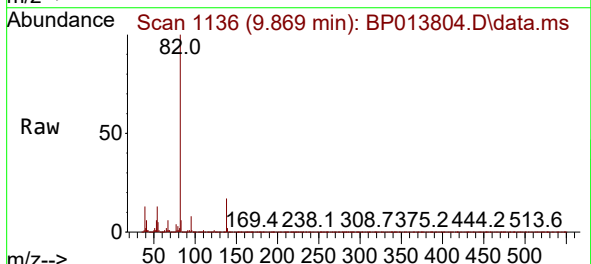
Instrument :
BNA_P
ClientSampleId :
SSTD020759

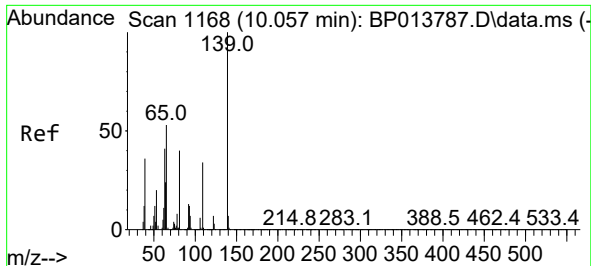
Tgt Ion: 77 Resp: 333529
Ion Ratio Lower Upper
77 100
123 45.6 35.1 52.7
65 12.9 10.6 16.0



#23
Isophorone
Concen: 20.689 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion: 82 Resp: 679997
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 17.4 13.7 20.5

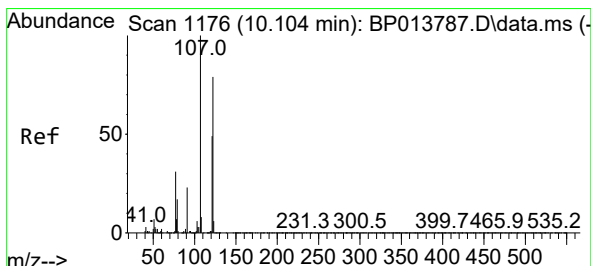
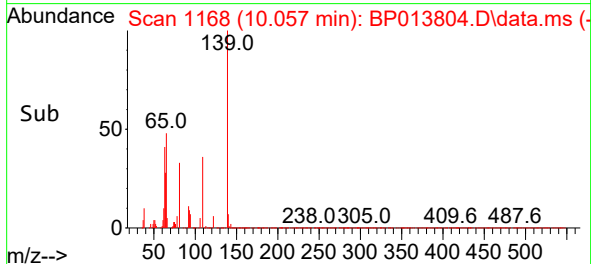
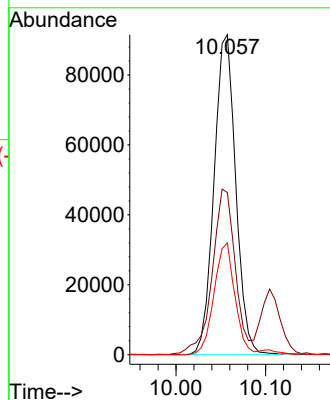
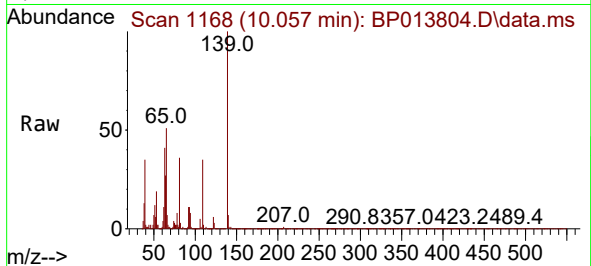




#25
2-Nitrophenol
Concen: 20.724 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

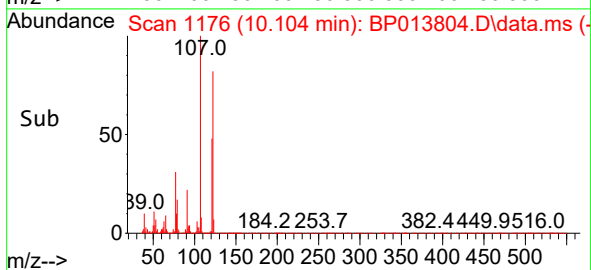
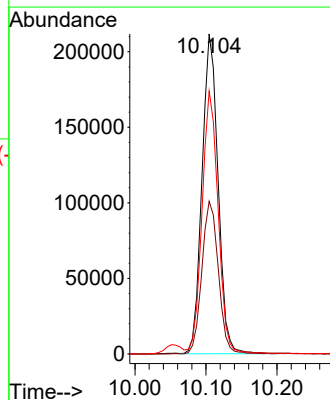
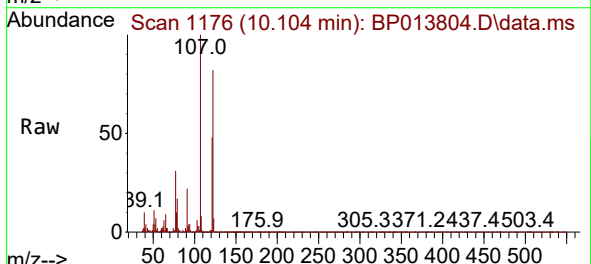
Instrument :
BNA_P
ClientSampleId :
SSTD020759

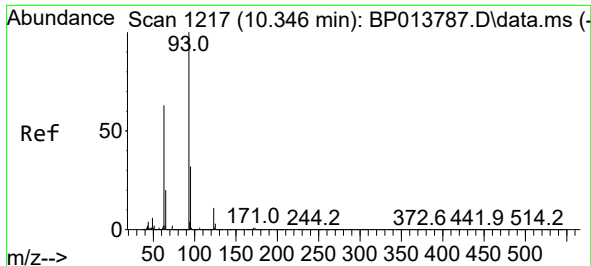
Tgt Ion:139 Resp: 153569
Ion Ratio Lower Upper
139 100
65 50.7 39.9 59.9
109 35.0 27.4 41.0



#26
2,4-Dimethylphenol
Concen: 20.239 ng/ul
RT: 10.104 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:107 Resp: 333912
Ion Ratio Lower Upper
107 100
121 47.7 37.8 56.6
122 82.2 63.7 95.5





#27

Bis(2-Chloroethoxy)methane

Concen: 20.154 ng/ul

RT: 10.346 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

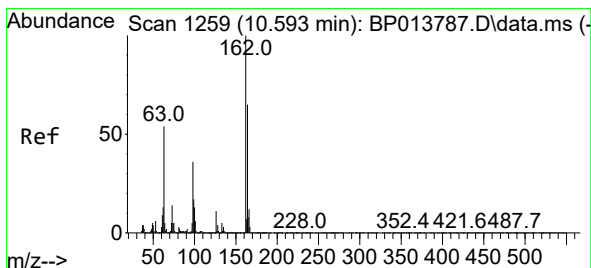
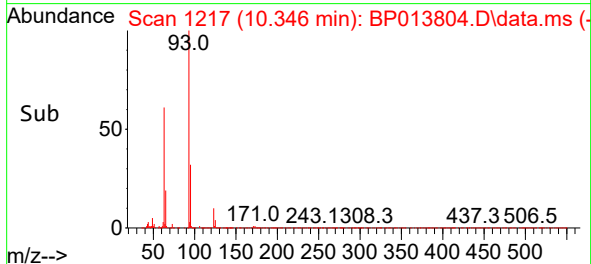
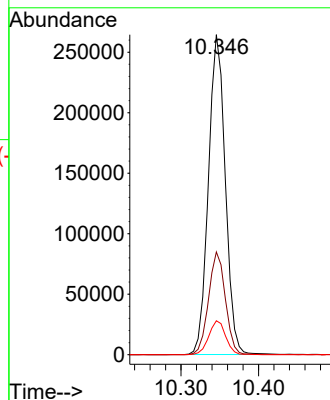
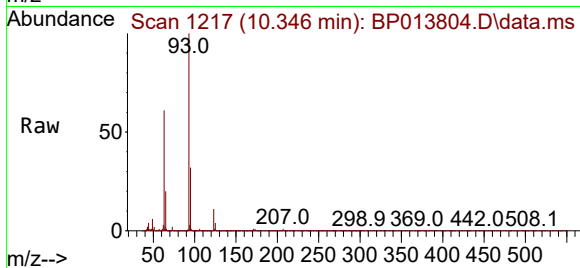
Tgt Ion: 93 Resp: 400024

Ion Ratio Lower Upper

93 100

95 32.1 25.0 37.6

123 10.6 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 20.261 ng/ul

RT: 10.593 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

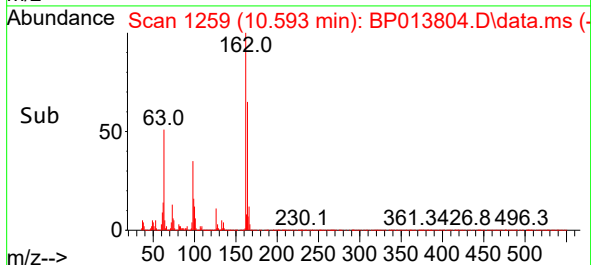
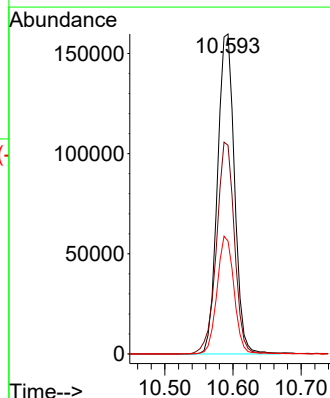
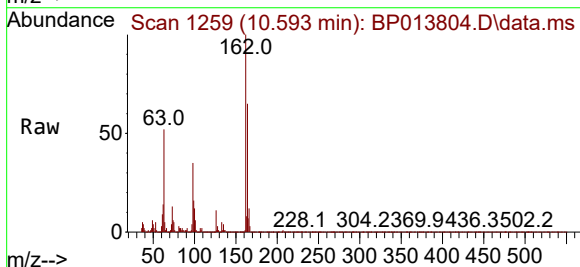
Tgt Ion:162 Resp: 277907

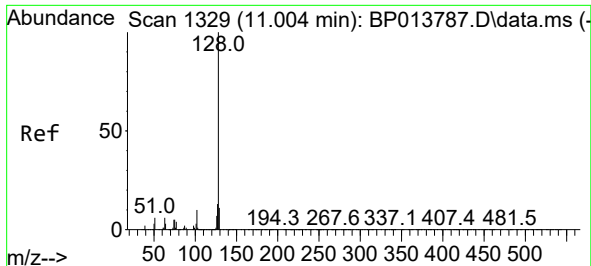
Ion Ratio Lower Upper

162 100

164 65.2 51.4 77.2

98 35.3 27.5 41.3

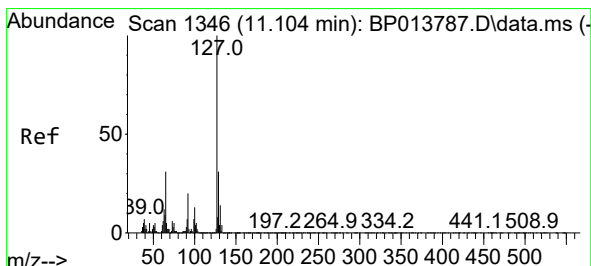
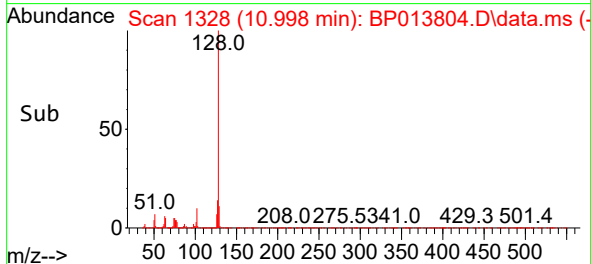
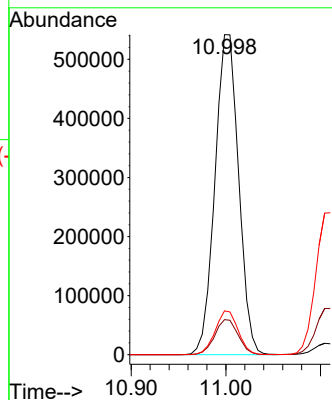
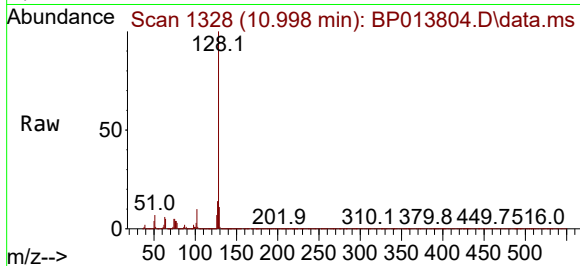




#30
Naphthalene
Concen: 20.787 ng/ul
RT: 10.998 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

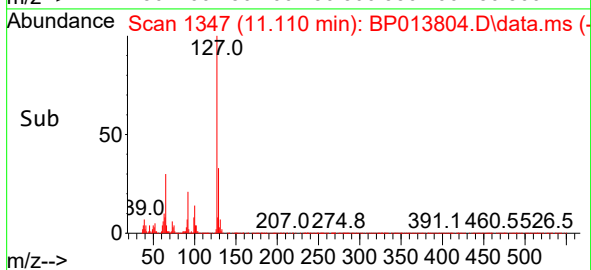
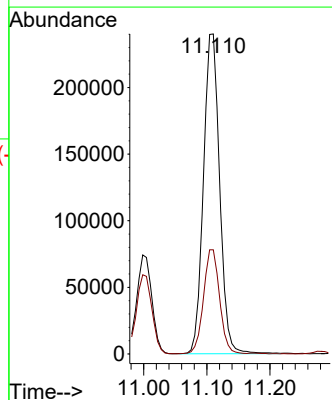
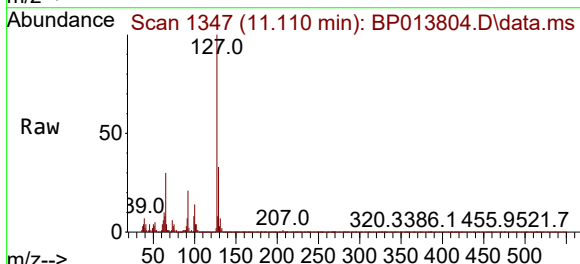
Instrument :
BNA_P
ClientSampleId :
SSTD020759

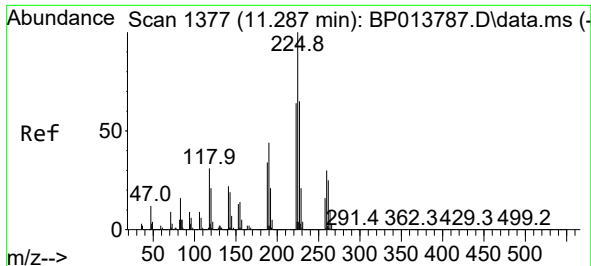
Tgt Ion:128 Resp: 941724
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.7 10.6 15.8



#32
4-Chloroaniline
Concen: 21.491 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:127 Resp: 427874
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.4

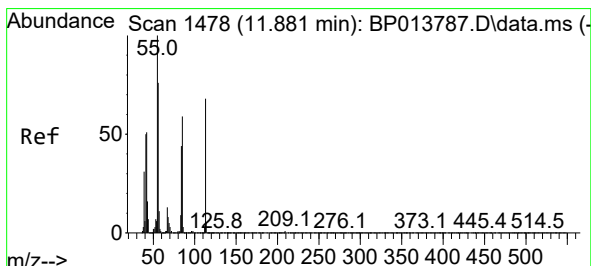
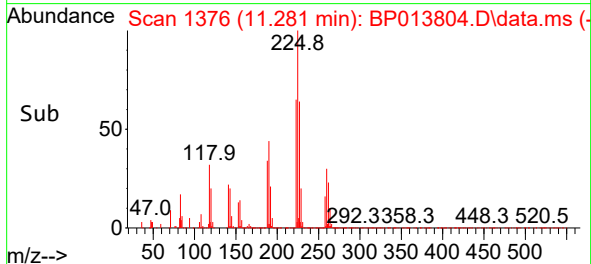
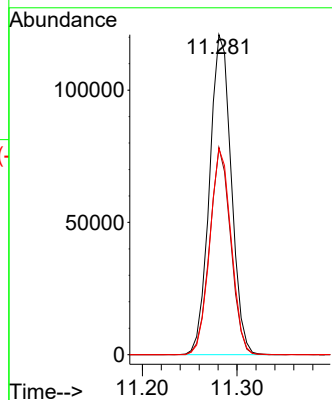
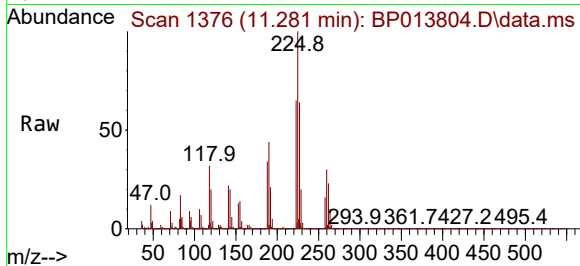




#33
Hexachlorobutadiene
Concen: 19.909 ng/ul
RT: 11.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

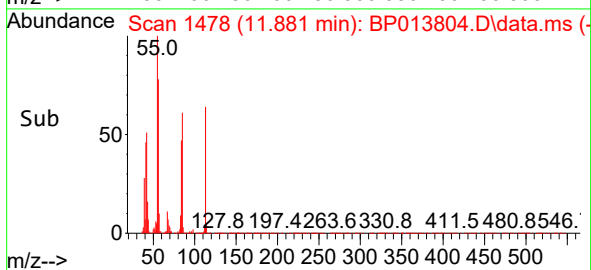
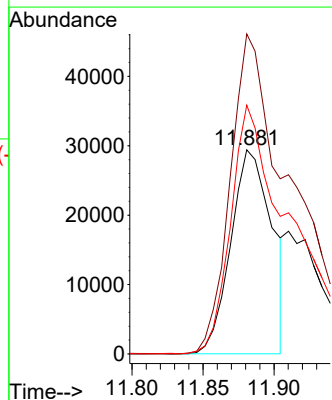
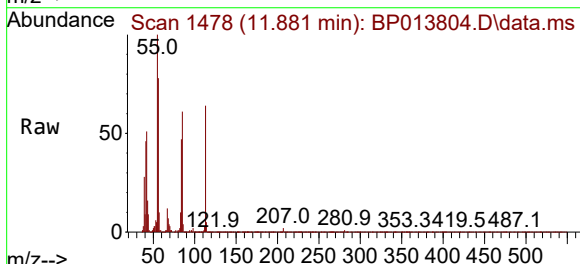
Instrument :
BNA_P
ClientSampleId :
SSTD020759

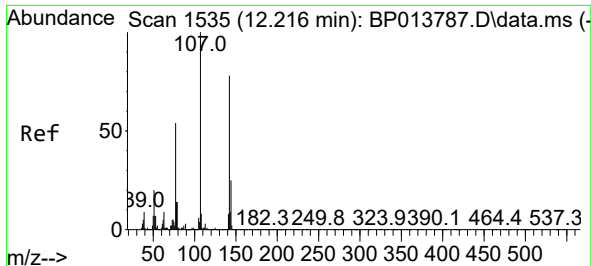
Tgt Ion:225 Resp: 192362
Ion Ratio Lower Upper
225 100
223 64.7 50.6 76.0
227 64.4 49.0 73.4



#34
Caprolactam
Concen: 12.266 ng/ul
RT: 11.881 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:113 Resp: 59037
Ion Ratio Lower Upper
113 100
55 156.7 120.9 181.3
56 121.8 93.8 140.8

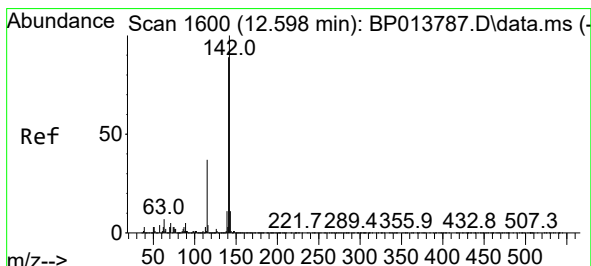
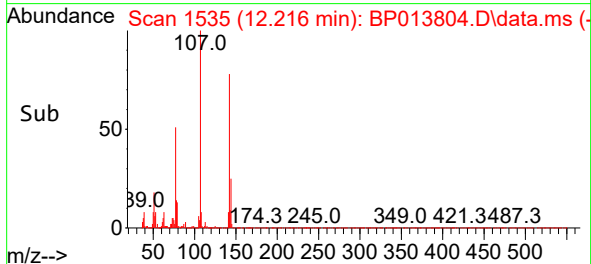
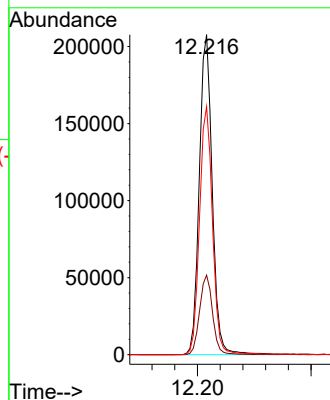
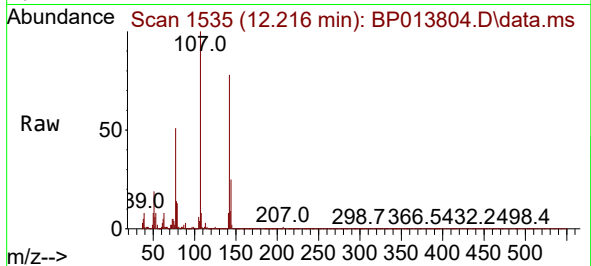




#35
4-Chloro-3-methylphenol
Concen: 20.839 ng/ul
RT: 12.216 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

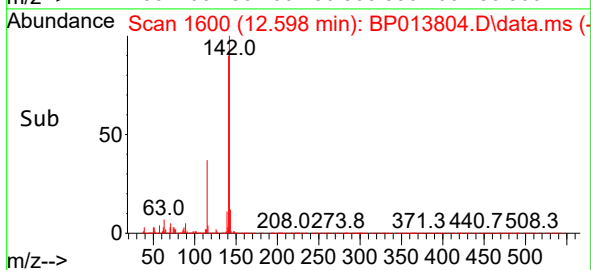
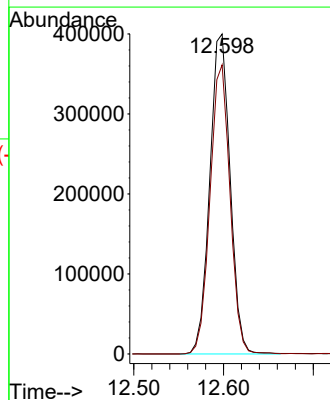
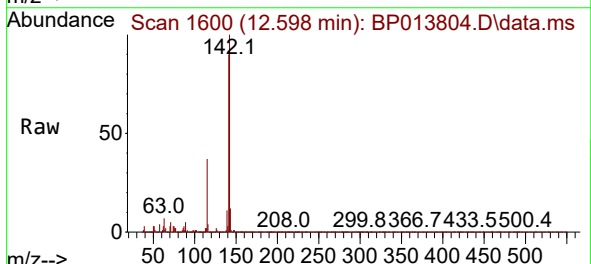
Instrument :
BNA_P
ClientSampleId :
SSTD020759

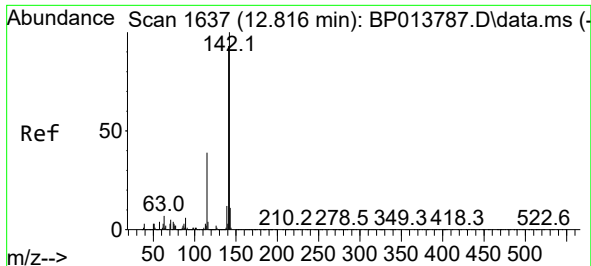
Tgt Ion:107 Resp: 329994
Ion Ratio Lower Upper
107 100
144 24.8 20.0 30.0
142 77.5 62.1 93.1



#36
2-Methylnaphthalene
Concen: 19.758 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:142 Resp: 629339
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2

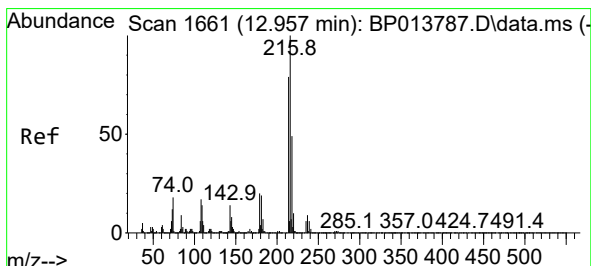
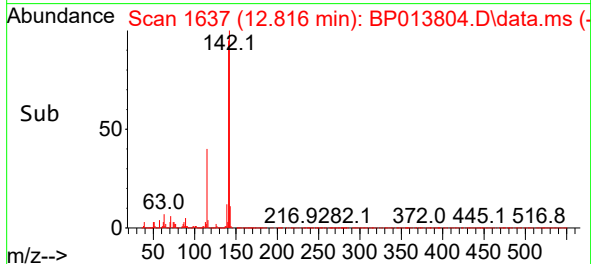
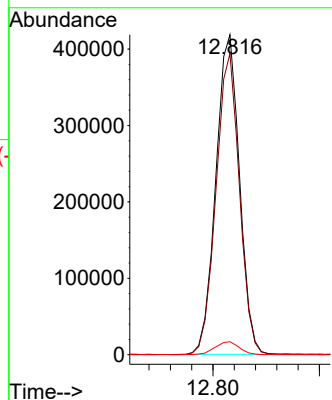
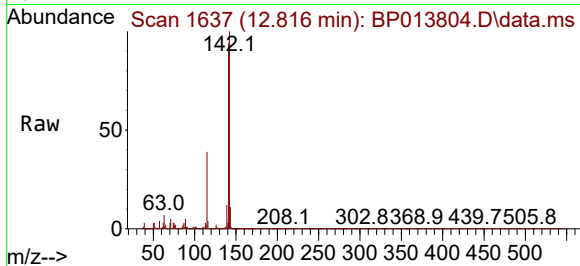




#37
1-Methylnaphthalene
Concen: 19.564 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

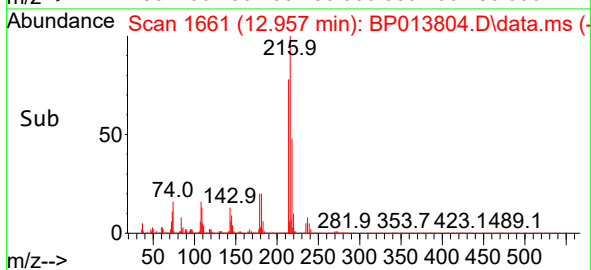
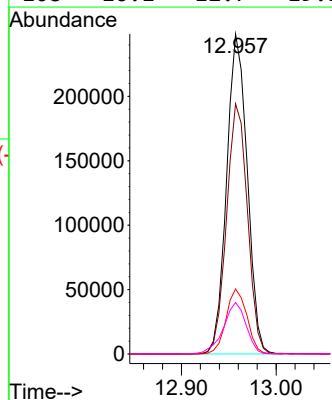
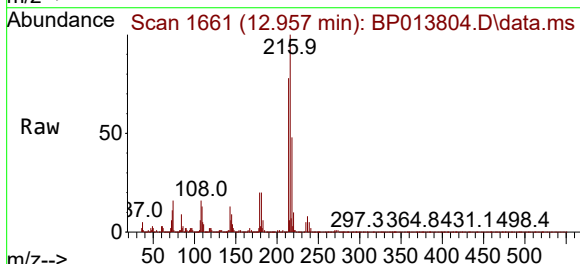
Instrument :
BNA_P
ClientSampleId :
SSTD020759

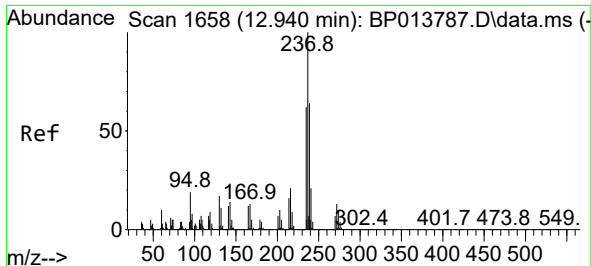
Tgt Ion:142 Resp: 643881
Ion Ratio Lower Upper
142 100
141 94.1 74.2 111.2
116 4.1 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.969 ng/ul
RT: 12.957 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:216 Resp: 376625
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 20.3 15.4 23.2
108 16.1 12.7 19.1

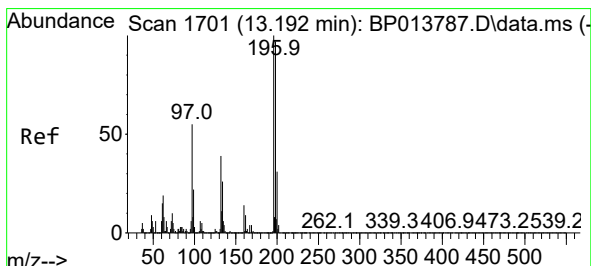
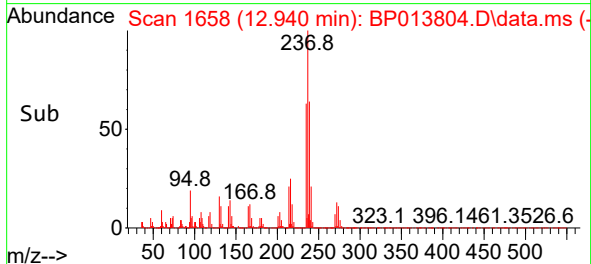
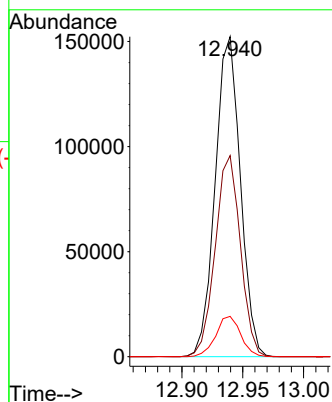
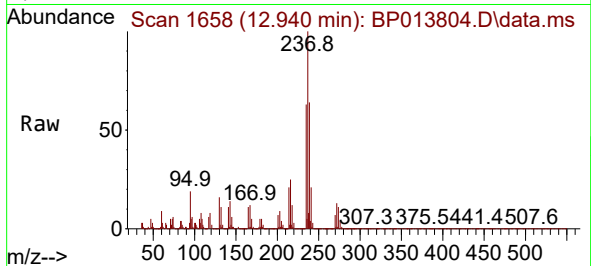




#40
Hexachlorocyclopentadiene
Concen: 19.001 ng/ul
RT: 12.940 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

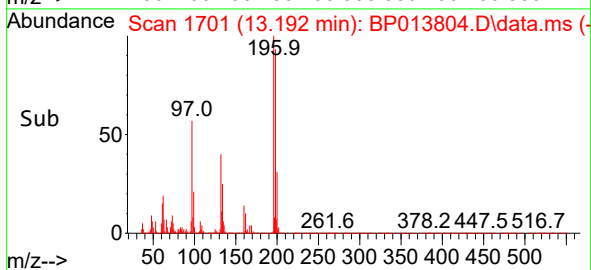
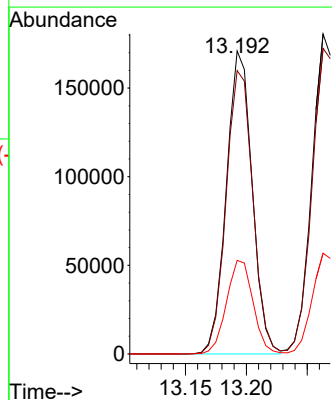
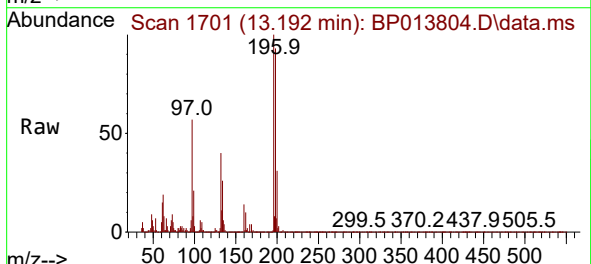
Instrument :
BNA_P
ClientSampleId :
SSTD020759

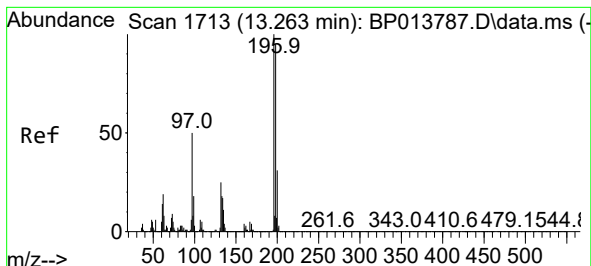
Tgt Ion:237 Resp: 219133
Ion Ratio Lower Upper
237 100
235 62.8 49.8 74.8
272 12.6 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 21.451 ng/ul
RT: 13.192 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:196 Resp: 252831
Ion Ratio Lower Upper
196 100
198 93.5 75.1 112.7
200 30.9 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 21.286 ng/ul

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

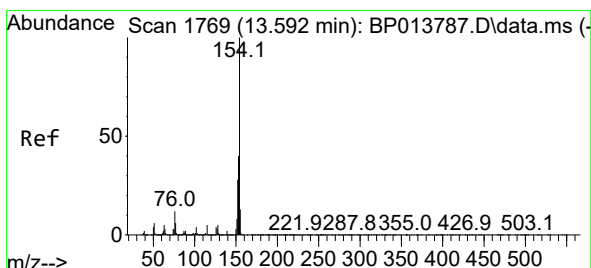
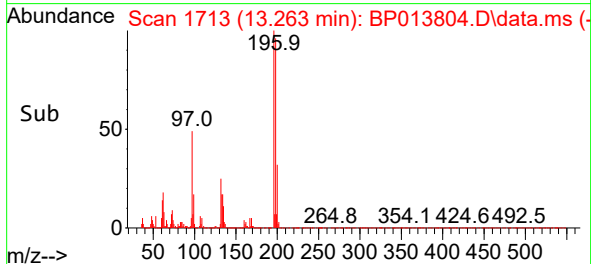
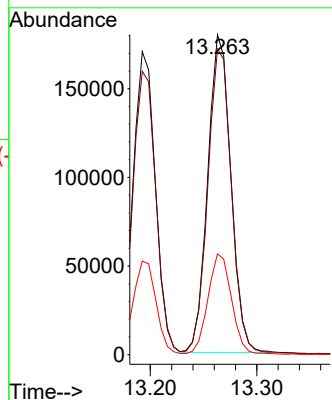
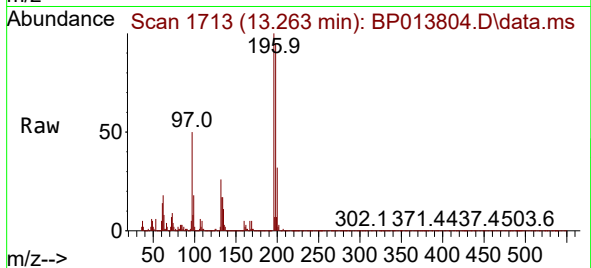
Tgt Ion:196 Resp: 271568

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

200 31.5 25.8 38.6



#43

1,1'-Biphenyl

Concen: 20.833 ng/ul

RT: 13.592 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

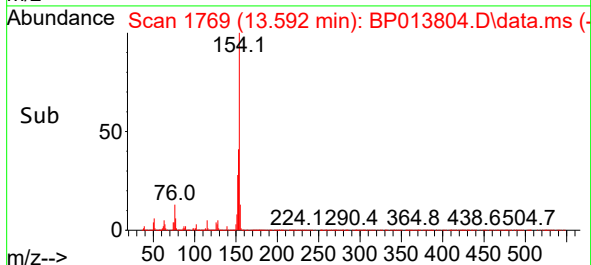
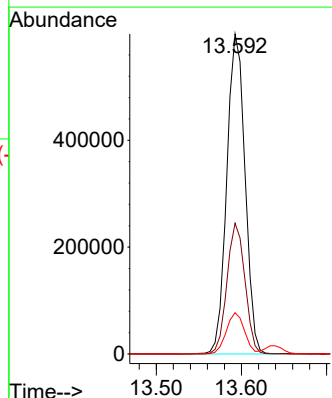
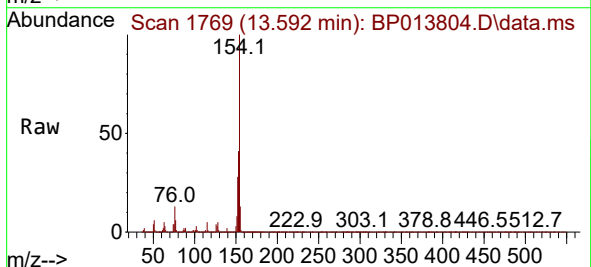
Tgt Ion:154 Resp: 890958

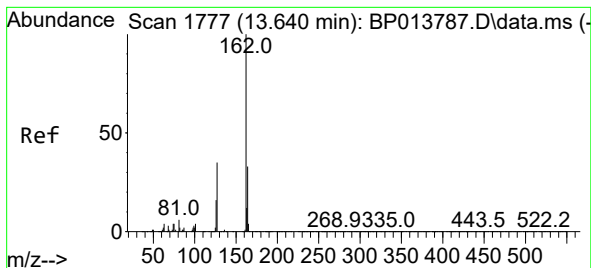
Ion Ratio Lower Upper

154 100

153 40.8 31.9 47.9

76 12.9 9.9 14.9





#44

2-Chloronaphthalene

Concen: 20.963 ng/ul

RT: 13.640 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

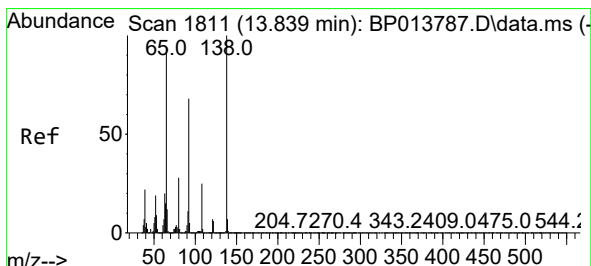
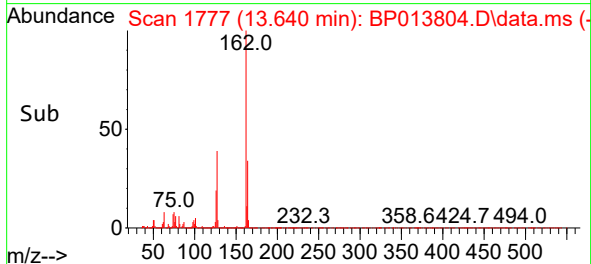
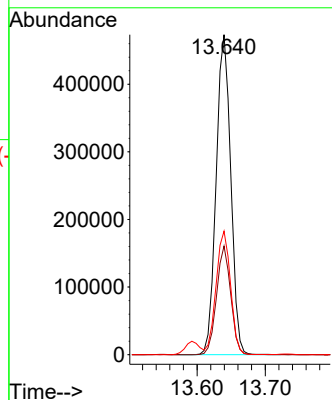
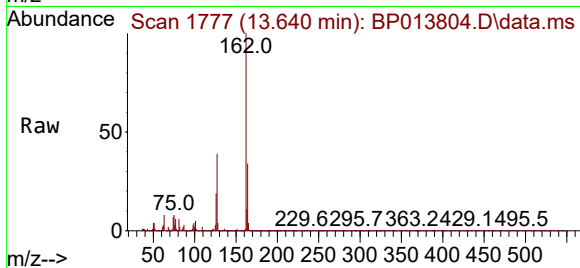
Tgt Ion:162 Resp: 705282

Ion Ratio Lower Upper

162 100

164 33.9 26.1 39.1

127 38.6 31.1 46.7



#45

2-Nitroaniline

Concen: 22.638 ng/ul

RT: 13.839 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

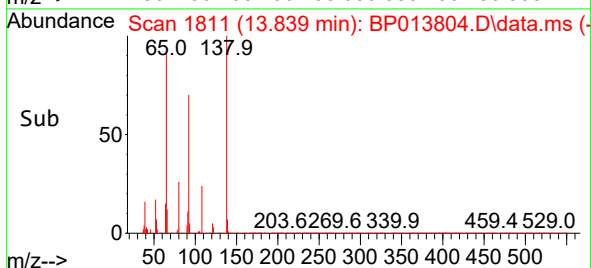
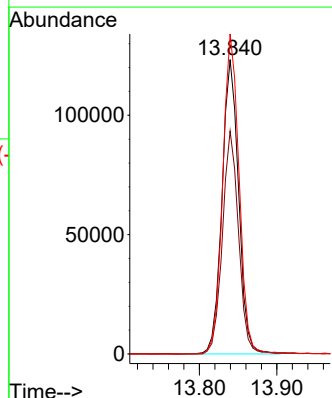
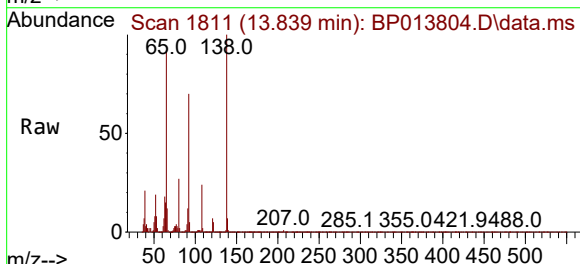
Tgt Ion: 65 Resp: 183450

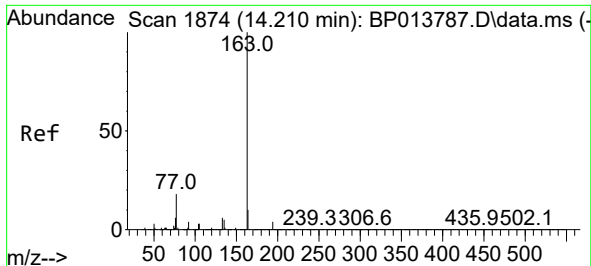
Ion Ratio Lower Upper

65 100

92 75.8 58.6 88.0

138 108.7 81.2 121.8

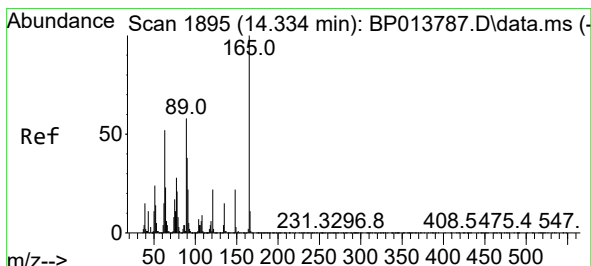
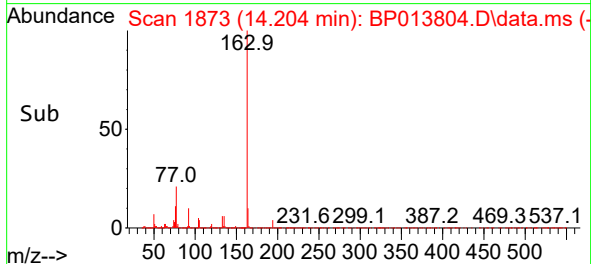
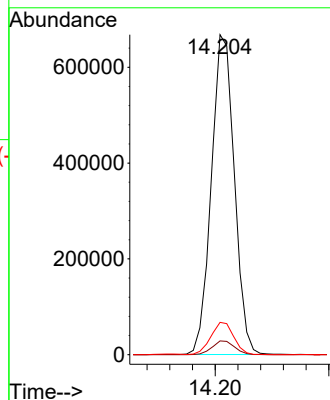
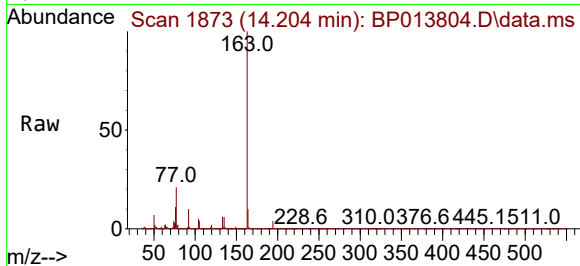




#47
Dimethylphthalate
Concen: 21.064 ng/ul
RT: 14.204 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

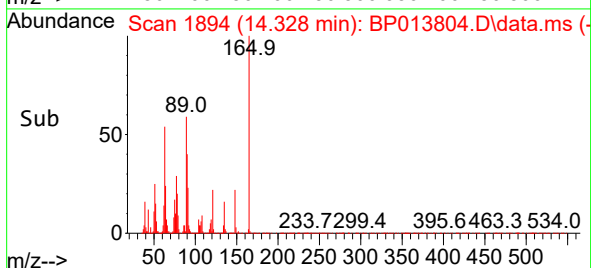
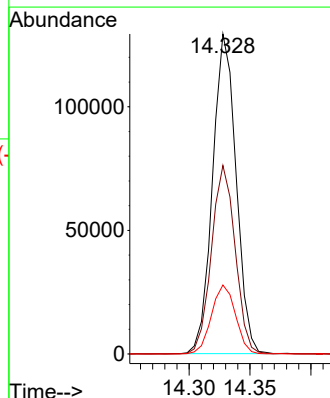
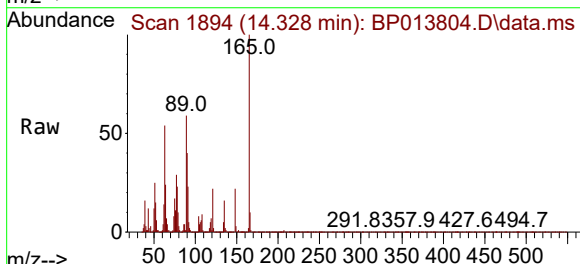
Instrument :
BNA_P
ClientSampleId :
SSTD020759

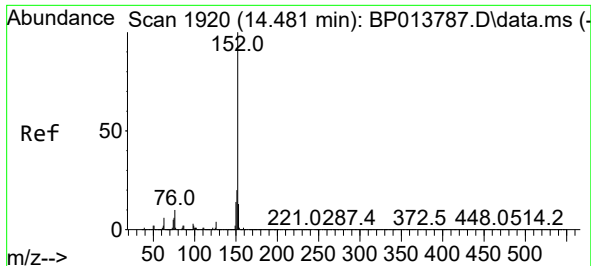
Tgt Ion:163 Resp: 937886
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 22.375 ng/ul
RT: 14.328 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:165 Resp: 174059
Ion Ratio Lower Upper
165 100
89 58.9 47.5 71.3
121 21.5 16.6 24.8

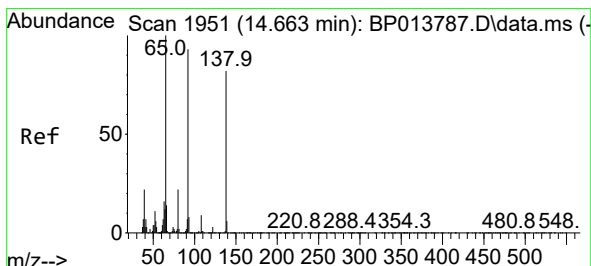
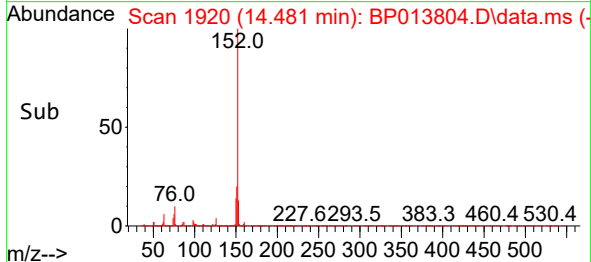
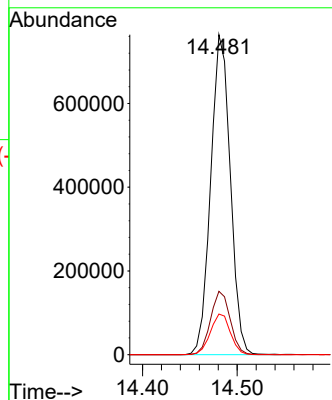
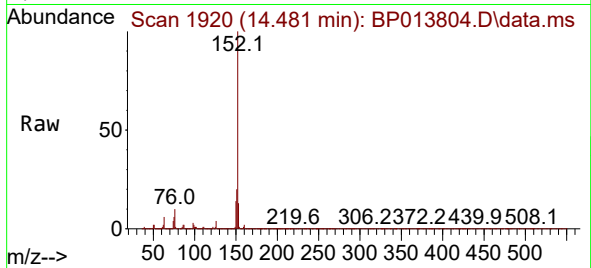




#50
Acenaphthylene
Concen: 20.994 ng/ul
RT: 14.481 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

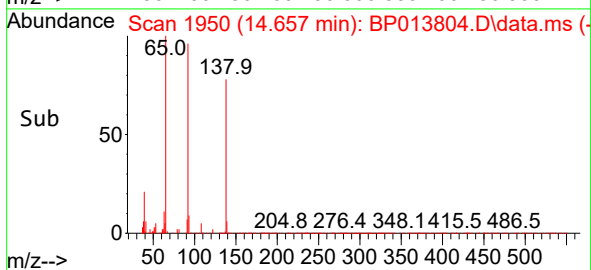
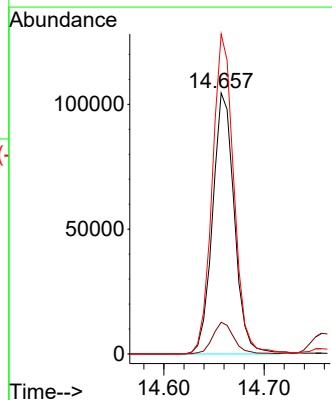
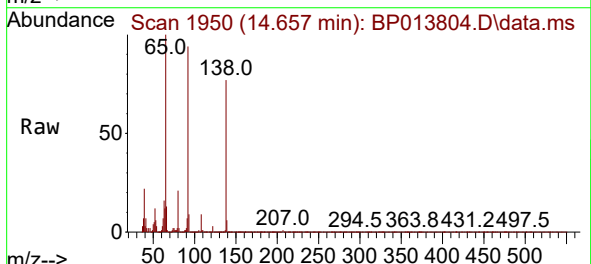
Instrument :
BNA_P
ClientSampleId :
SSTD020759

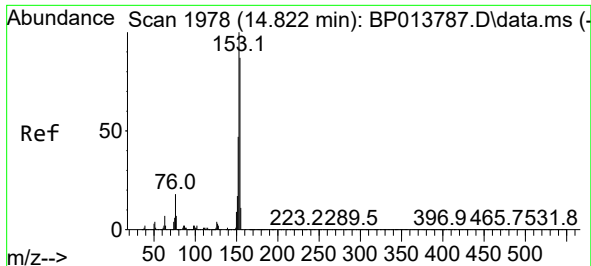
Tgt Ion:152 Resp: 1100580
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.7 10.4 15.6



#51
3-Nitroaniline
Concen: 20.466 ng/ul
RT: 14.657 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:138 Resp: 157402
Ion Ratio Lower Upper
138 100
108 12.2 9.4 14.2
92 122.6 97.4 146.0

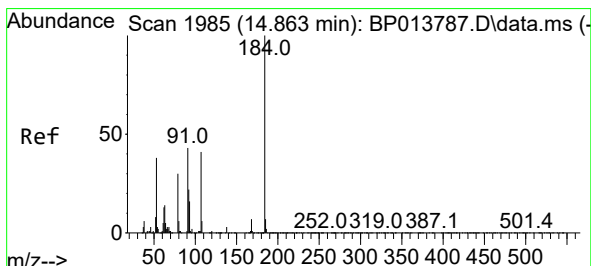
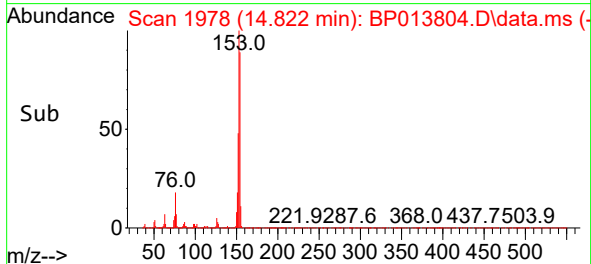
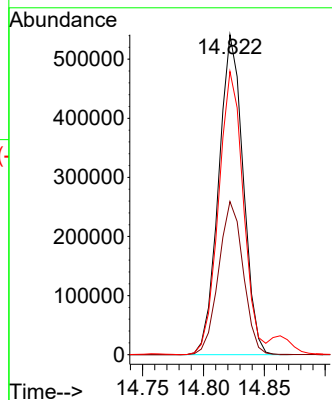
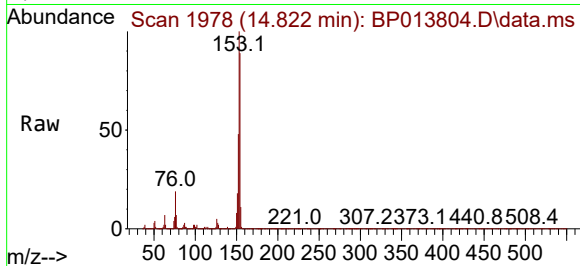




#52
Acenaphthene
Concen: 20.716 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

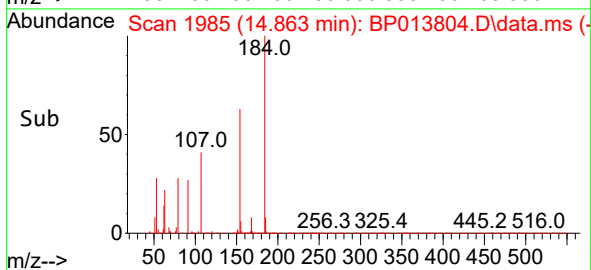
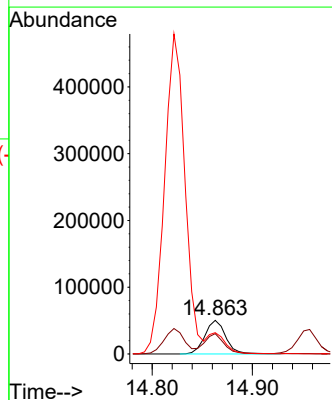
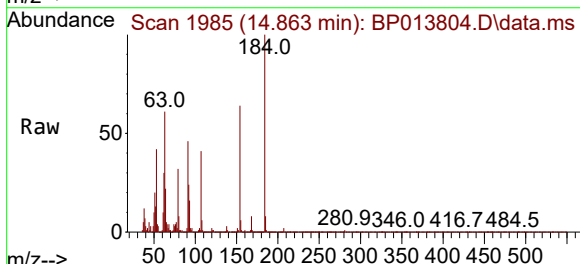
Instrument :
BNA_P
ClientSampleId :
SSTD020759

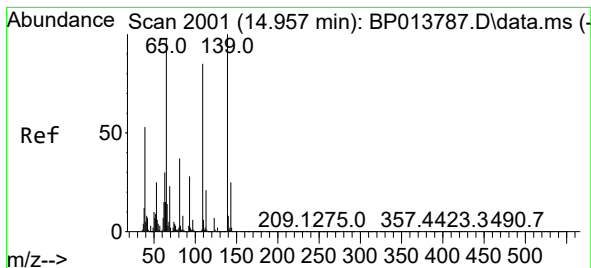
Tgt Ion:153 Resp: 760105
Ion Ratio Lower Upper
153 100
152 47.8 37.4 56.0
154 88.5 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 13.073 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:184 Resp: 72521
Ion Ratio Lower Upper
184 100
63 60.6 49.5 74.3
154 63.5 54.3 81.5

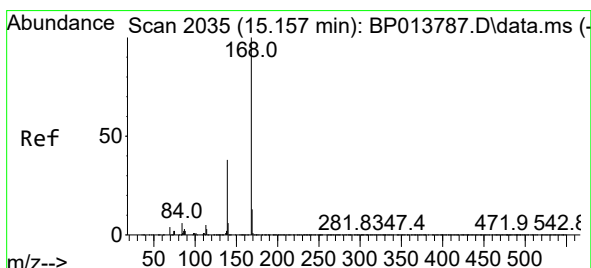
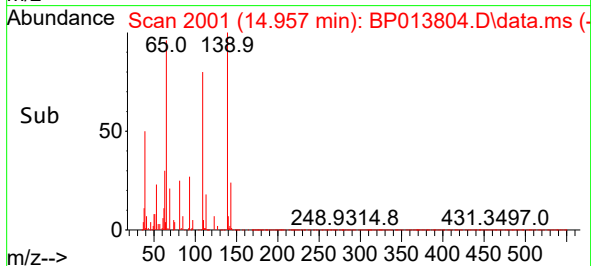
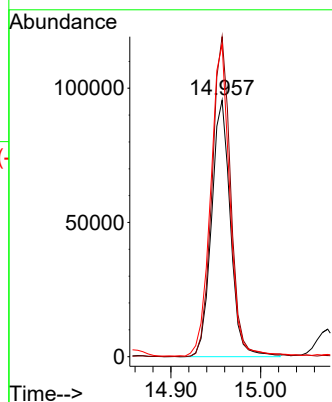
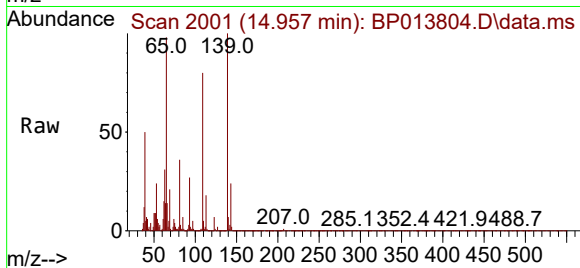




#55
4-Nitrophenol
Concen: 19.878 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

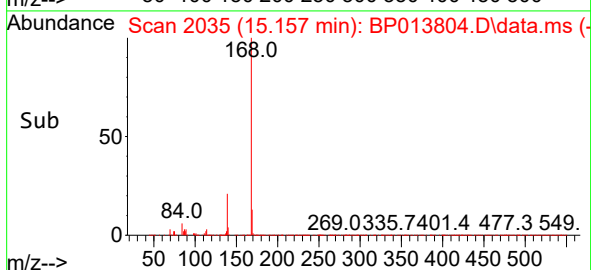
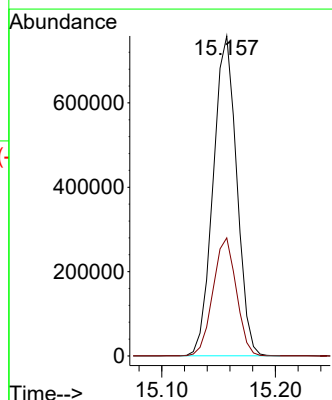
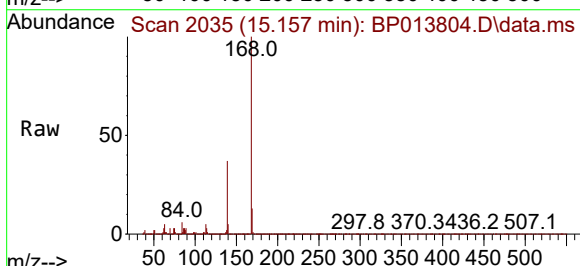
Instrument :
BNA_P
ClientSampleId :
SSTD020759

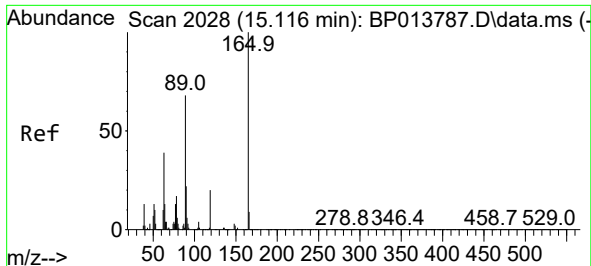
Tgt Ion:109 Resp: 139494
Ion Ratio Lower Upper
109 100
139 124.7 96.0 144.0
65 121.8 95.8 143.6



#56
Dibenzofuran
Concen: 20.745 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:168 Resp: 1091318
Ion Ratio Lower Upper
168 100
139 36.9 29.6 44.4

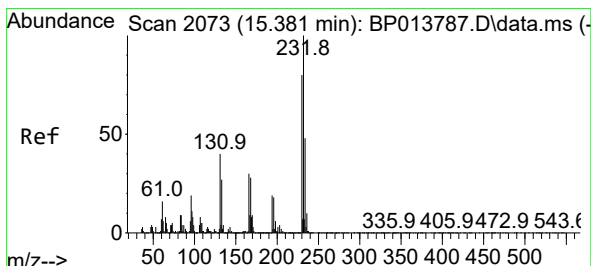
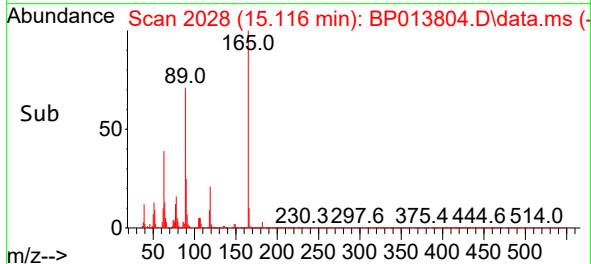
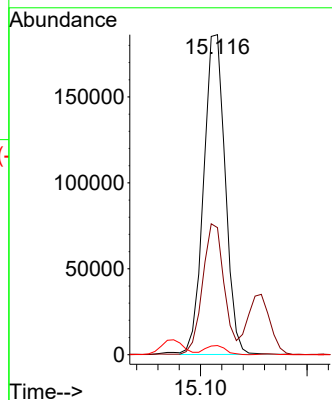
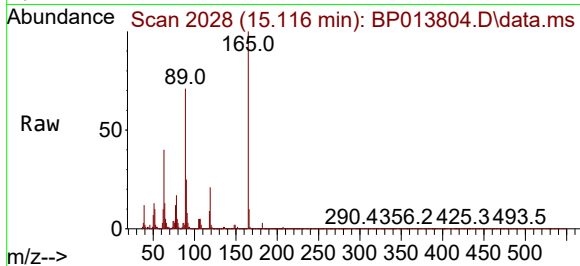




#57
2,4-Dinitrotoluene
Concen: 22.530 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

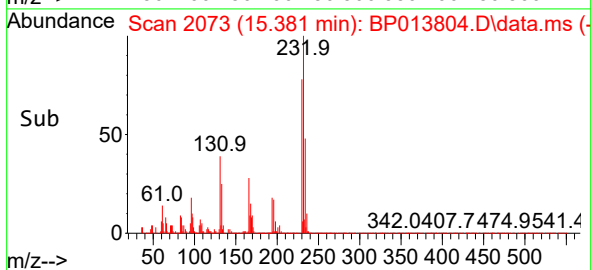
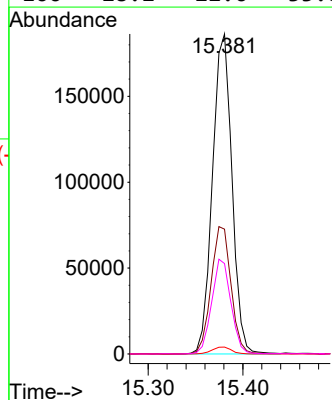
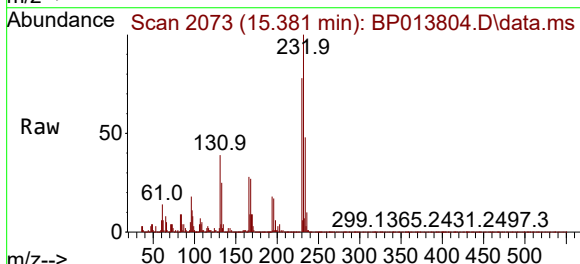
Instrument :
BNA_P
ClientSampleId :
SSTD020759

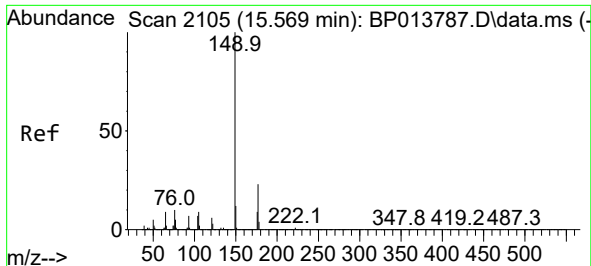
Tgt Ion:165 Resp: 261292
Ion Ratio Lower Upper
165 100
63 39.7 32.0 48.0
182 2.8 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.118 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:232 Resp: 265974
Ion Ratio Lower Upper
232 100
131 39.0 33.0 49.6
130 2.1 1.5 2.3
166 28.2 22.6 33.8

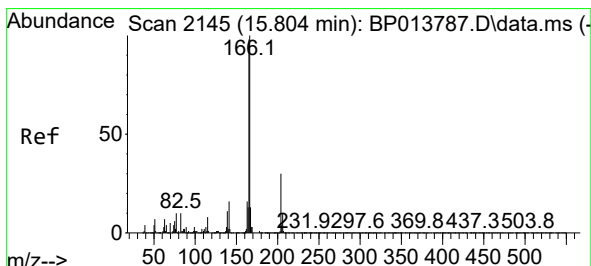
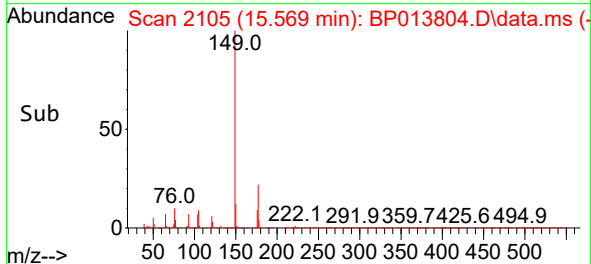
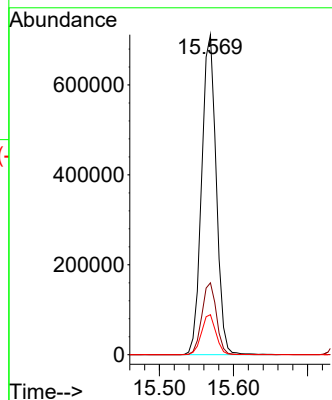
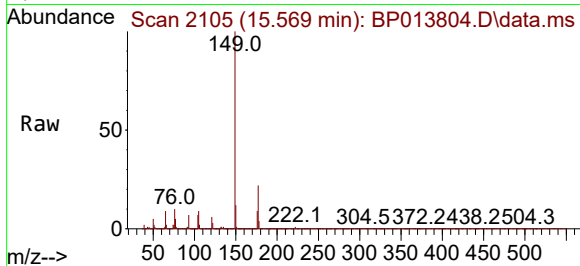




#59
Diethylphthalate
Concen: 21.718 ng/ul
RT: 15.569 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

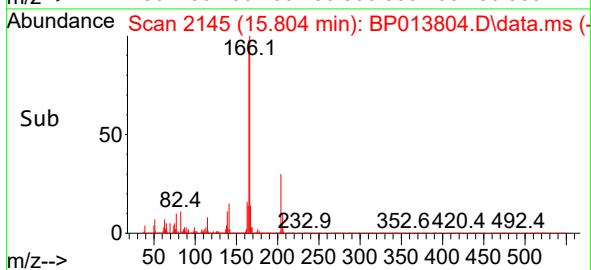
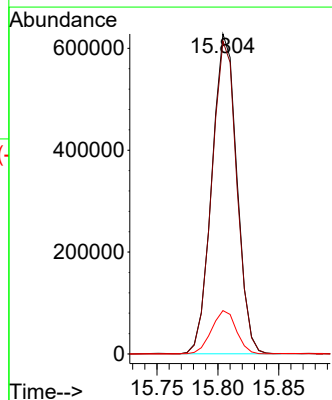
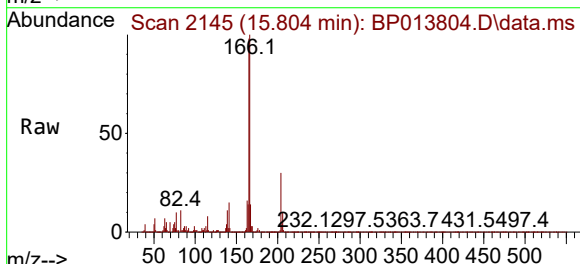
Instrument :
BNA_P
ClientSampleId :
SSTD020759

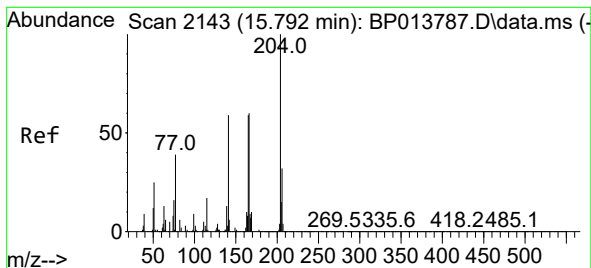
Tgt Ion:149 Resp: 971037
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.5 10.1 15.1



#61
Fluorene
Concen: 20.836 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:166 Resp: 894213
Ion Ratio Lower Upper
166 100
165 97.7 79.1 118.7
167 13.5 10.8 16.2

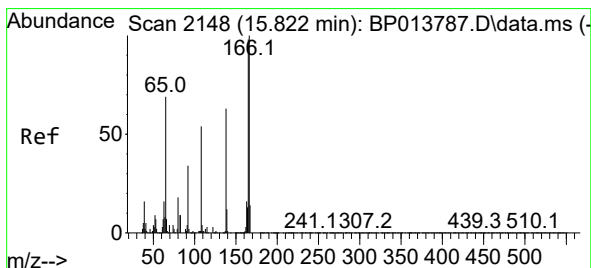
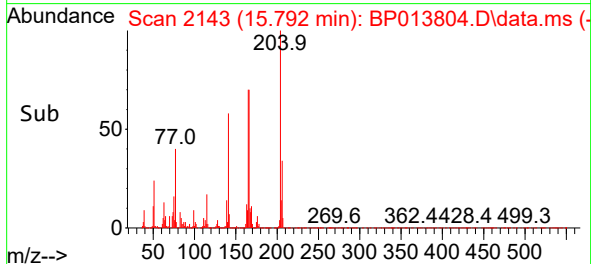
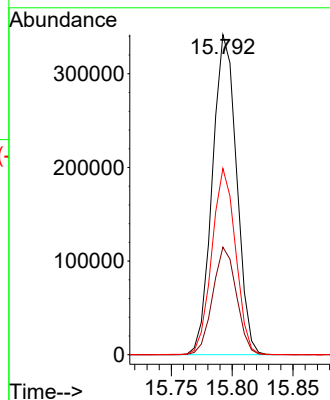
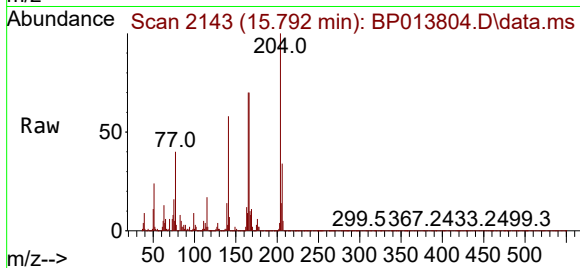




#62
4-Chlorophenyl-phenylether
Concen: 21.196 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

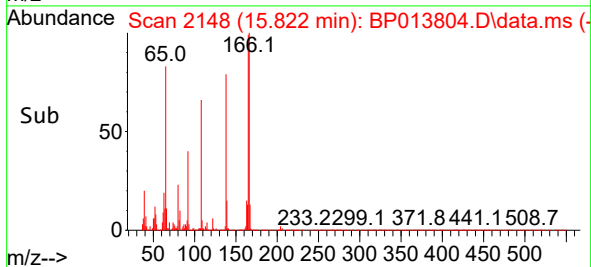
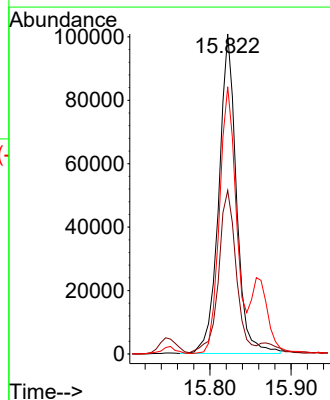
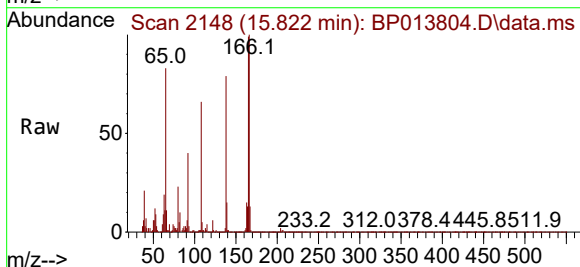
Instrument :
BNA_P
ClientSampleId :
SSTD020759

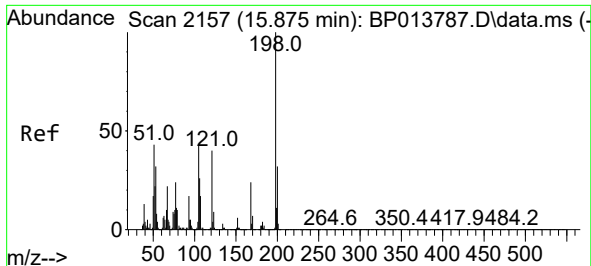
Tgt Ion:204 Resp: 472972
Ion Ratio Lower Upper
204 100
206 33.6 26.7 40.1
141 58.2 44.6 66.8



#63
4-Nitroaniline
Concen: 20.908 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:138 Resp: 152276
Ion Ratio Lower Upper
138 100
92 51.1 43.8 65.8
108 83.5 69.8 104.6

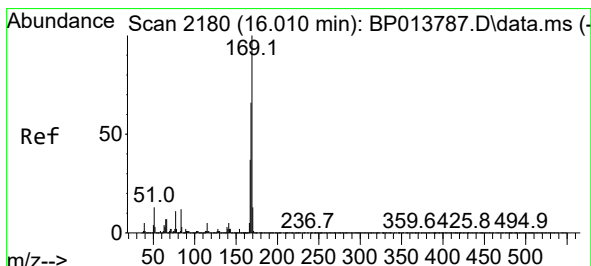
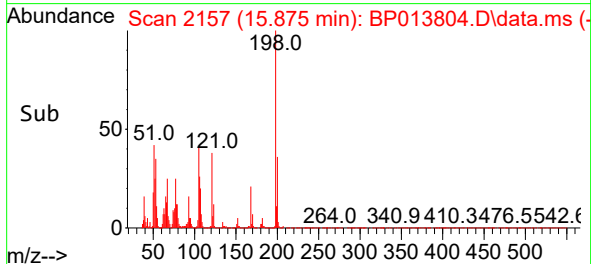
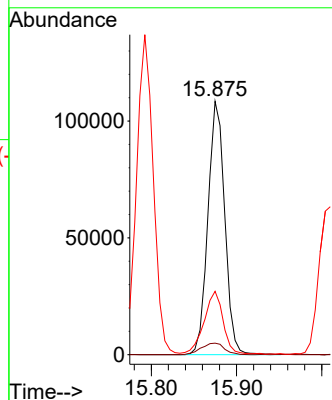
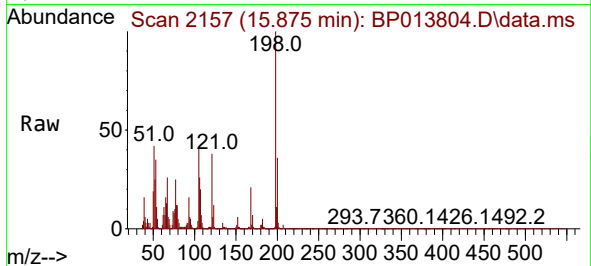




#66
4,6-Dinitro-2-methylphenol
Concen: 17.195 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

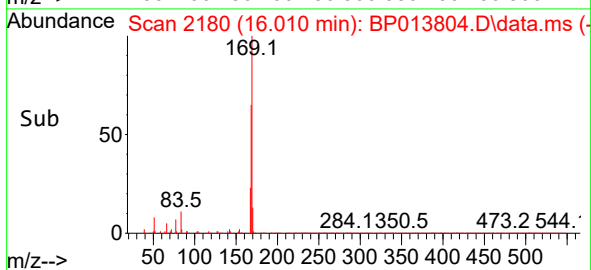
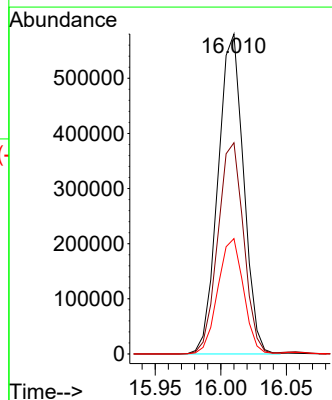
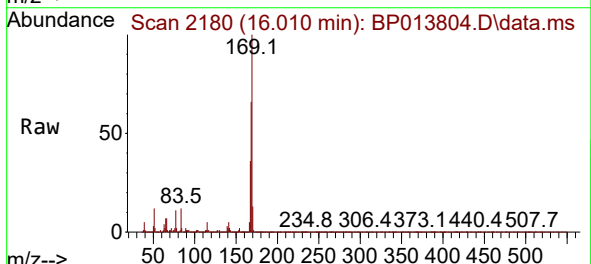
Instrument :
BNA_P
ClientSampleId :
SSTD020759

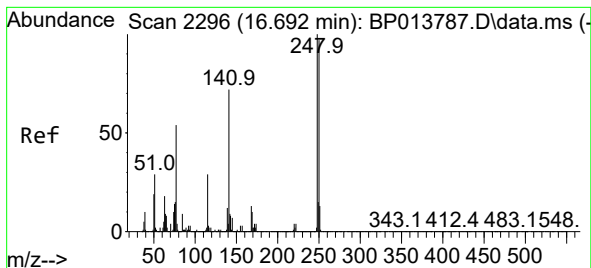
Tgt Ion:198 Resp: 149029
Ion Ratio Lower Upper
198 100
182 4.6 4.1 6.1
77 25.0 20.3 30.5



#67
N-Nitrosodiphenylamine
Concen: 20.091 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:169 Resp: 786915
Ion Ratio Lower Upper
169 100
168 66.0 53.5 80.3
167 36.1 29.8 44.6

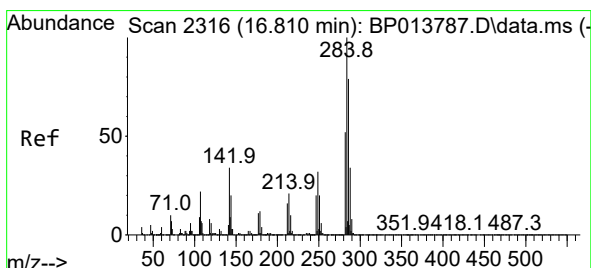
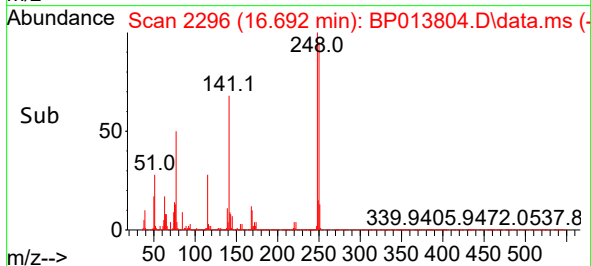
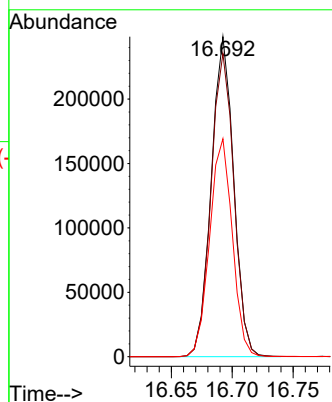
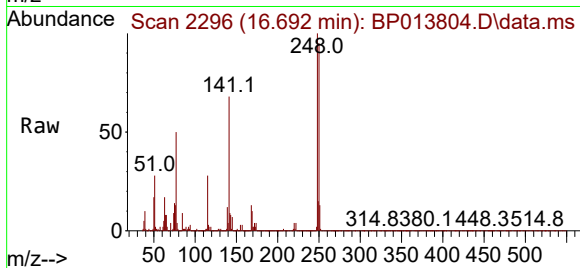




#68
4-Bromophenyl-phenylether
Concen: 20.933 ng/ul
RT: 16.692 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

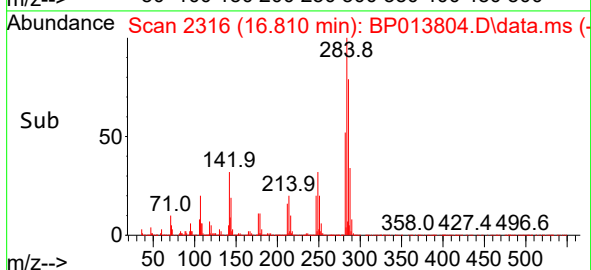
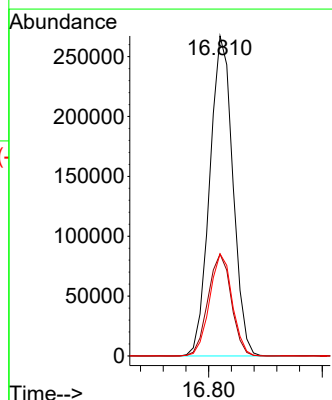
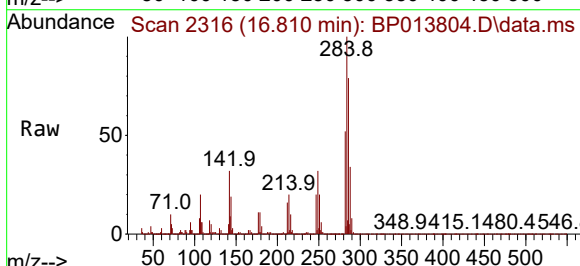
Instrument :
BNA_P
ClientSampleId :
SSTD020759

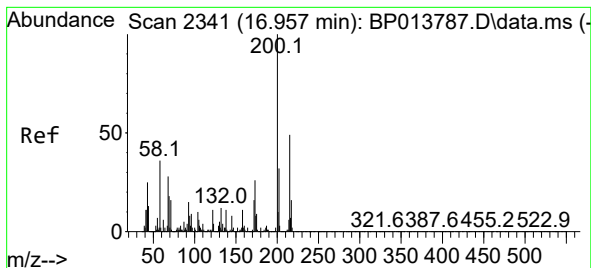
Tgt Ion:248 Resp: 318550
Ion Ratio Lower Upper
248 100
250 94.7 76.0 114.0
141 68.1 56.0 84.0



#69
Hexachlorobenzene
Concen: 21.320 ng/ul
RT: 16.810 min Scan# 2316
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:284 Resp: 378043
Ion Ratio Lower Upper
284 100
142 31.8 25.0 37.4
249 31.9 24.9 37.3





#70

Atrazine

Concen: 21.332 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

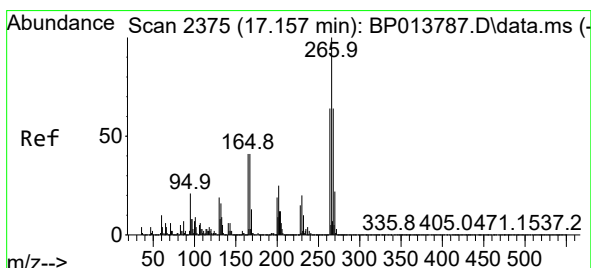
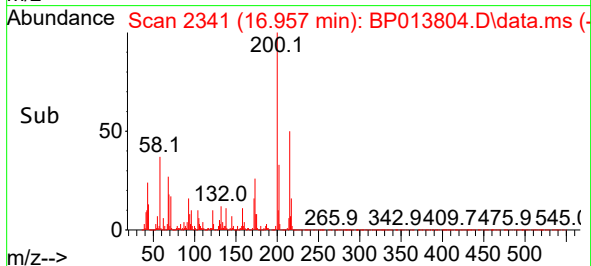
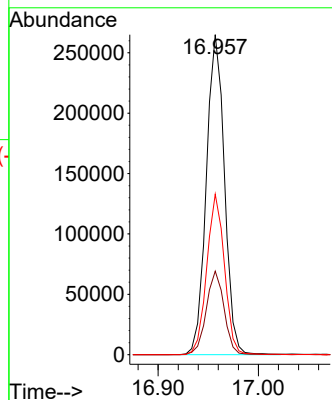
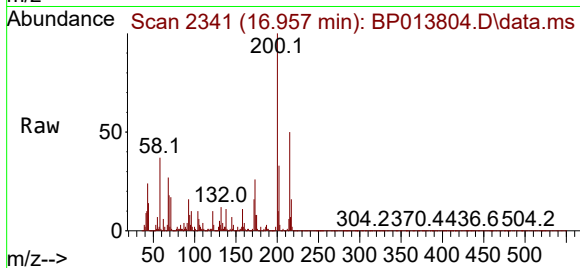
Tgt Ion:200 Resp: 334128

Ion Ratio Lower Upper

200 100

173 26.1 20.4 30.6

215 50.2 39.3 58.9



#71

Pentachlorophenol

Concen: 19.362 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

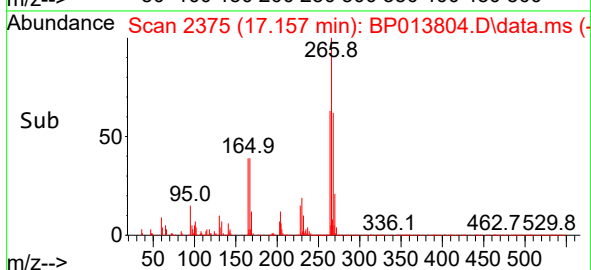
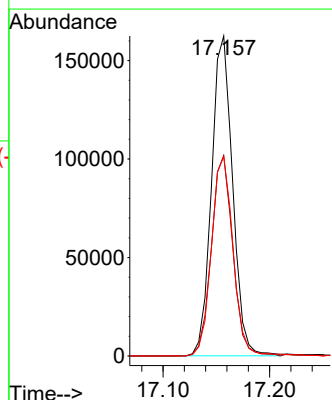
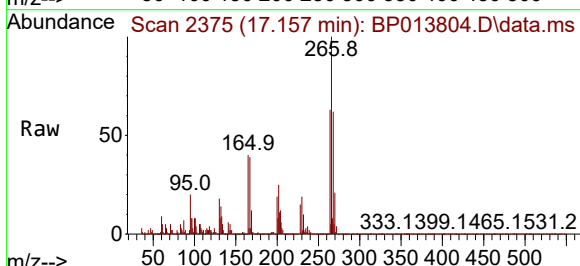
Tgt Ion:266 Resp: 223420

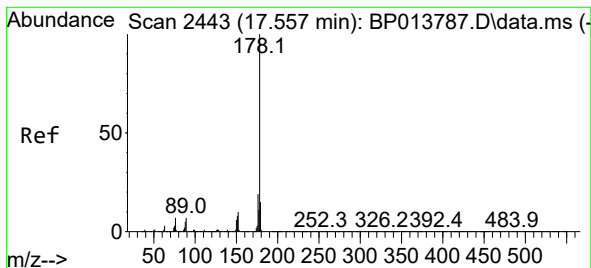
Ion Ratio Lower Upper

266 100

264 62.7 50.5 75.7

268 62.4 51.0 76.6





#72

Phenanthrene

Concen: 21.043 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

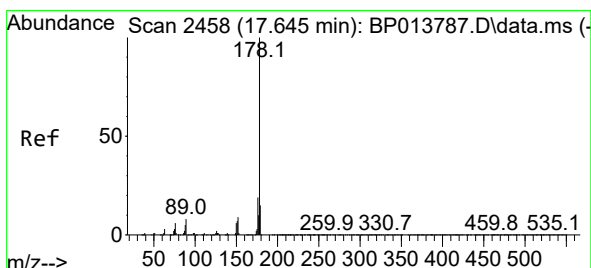
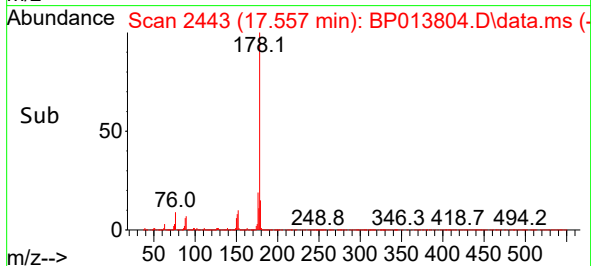
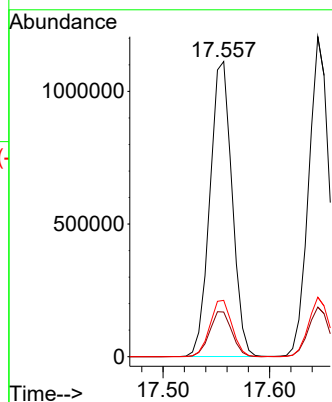
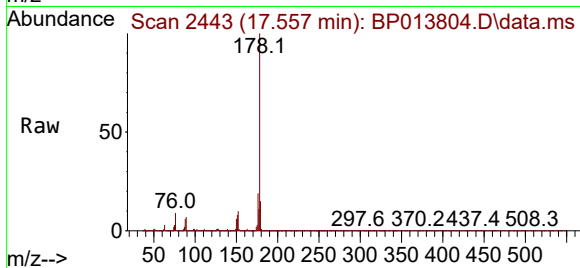
Tgt Ion:178 Resp: 1604615

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 19.1 15.2 22.8



#74

Anthracene

Concen: 21.088 ng/ul

RT: 17.645 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

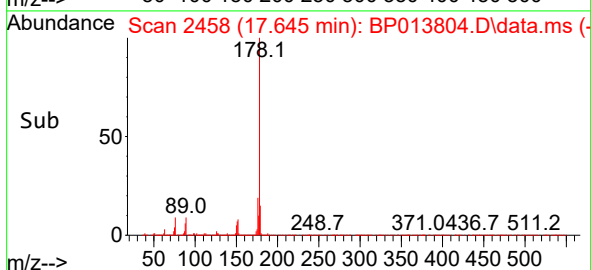
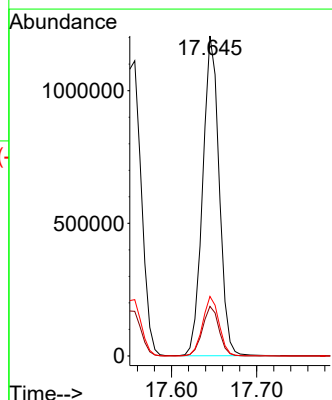
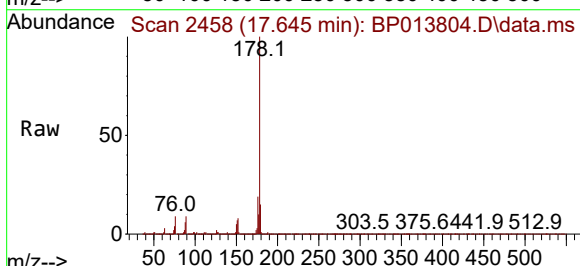
Tgt Ion:178 Resp: 1617873

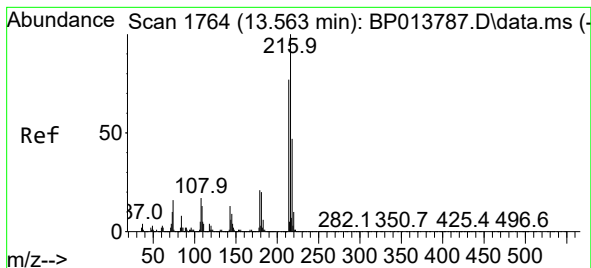
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.6 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.729 ng/uL

RT: 13.563 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

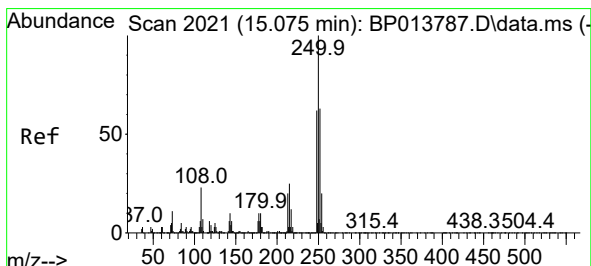
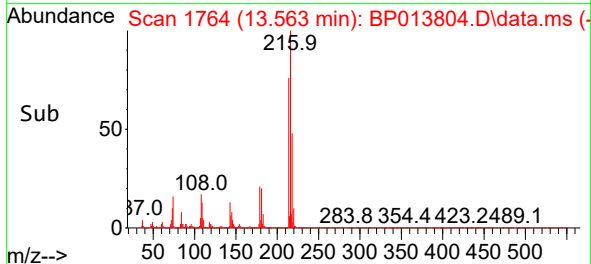
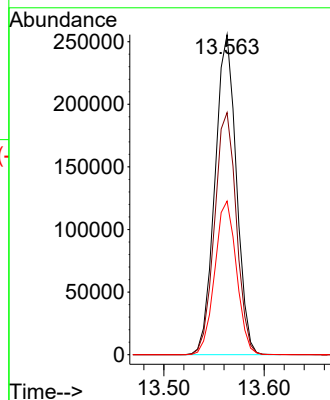
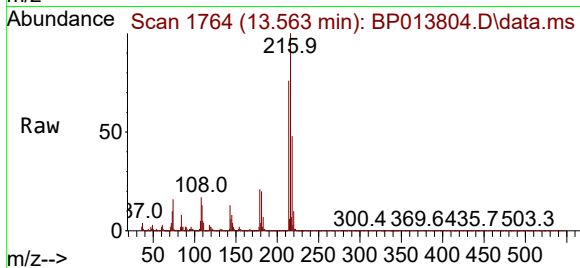
Tgt Ion:216 Resp: 379507

Ion Ratio Lower Upper

216 100

214 75.7 62.6 94.0

218 48.0 39.0 58.4



#76

Pentachlorobenzene

Concen: 19.808 ng/uL

RT: 15.075 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

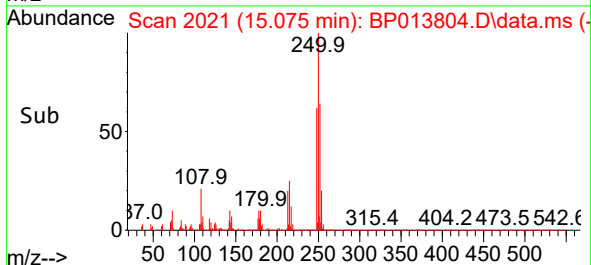
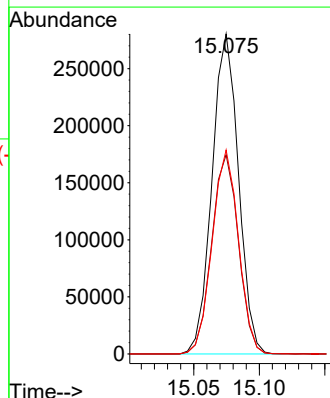
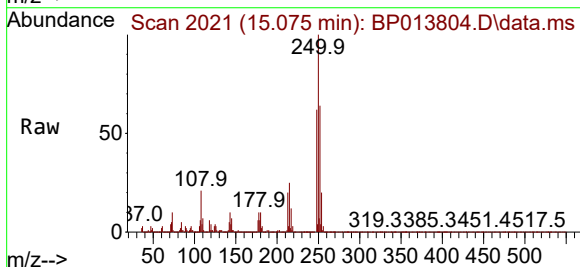
Tgt Ion:250 Resp: 393205

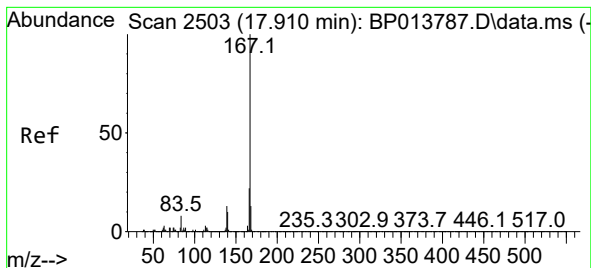
Ion Ratio Lower Upper

250 100

248 62.3 51.1 76.7

252 63.7 51.0 76.6





#77

Carbazole

Concen: 20.659 ng/ul

RT: 17.910 min Scan# 2503

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

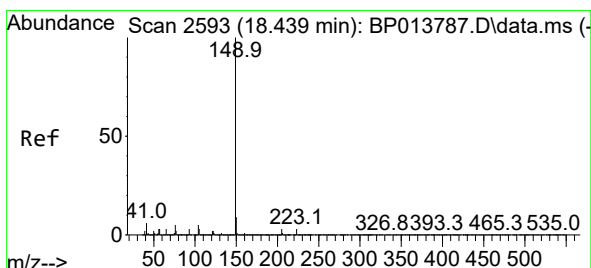
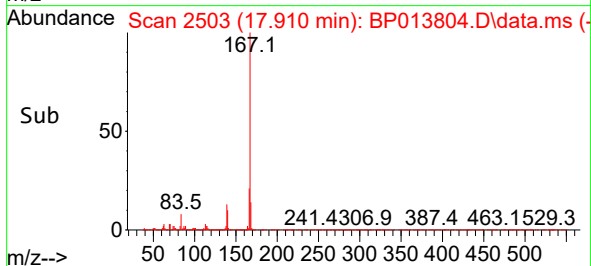
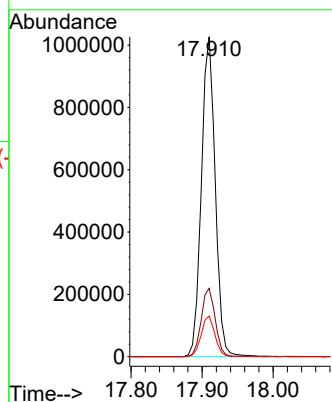
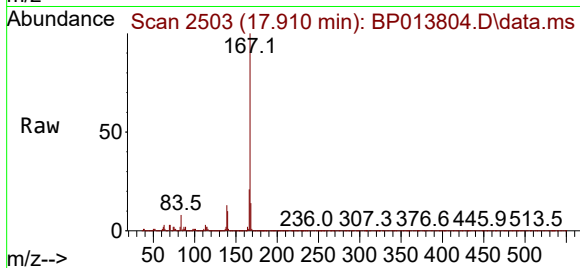
Tgt Ion:167 Resp: 1396168

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.7 10.4 15.6



#78

Di-n-butylphthalate

Concen: 20.372 ng/ul

RT: 18.439 min Scan# 2593

Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

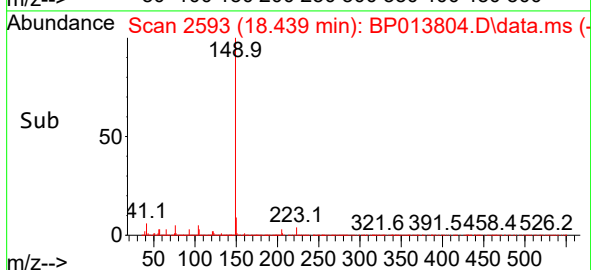
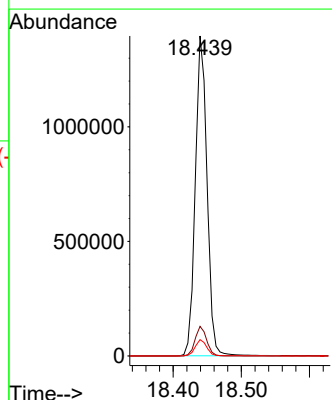
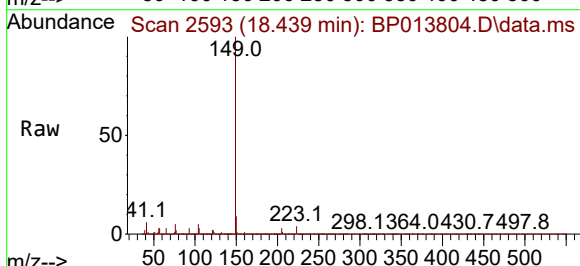
Tgt Ion:149 Resp: 1669801

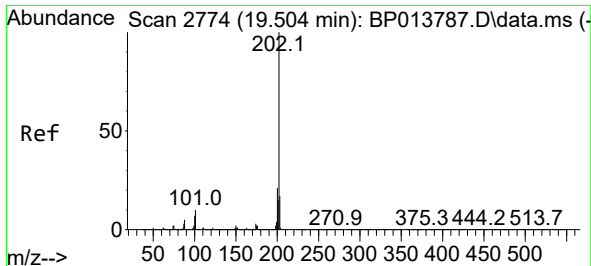
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 5.1 4.1 6.1

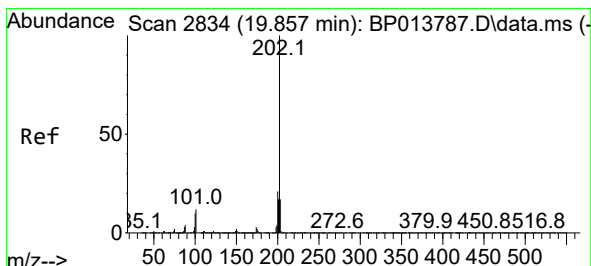
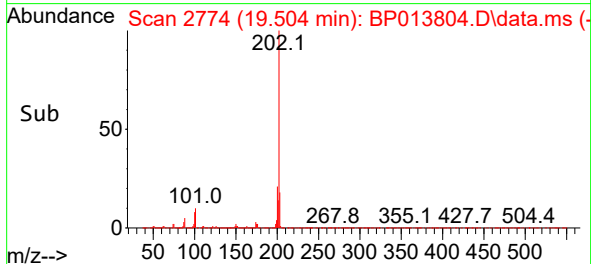
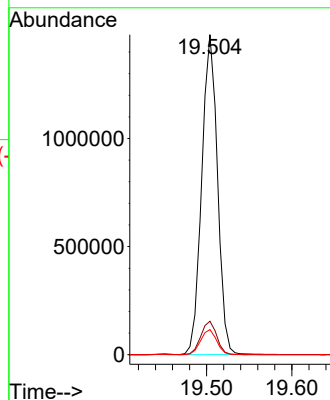
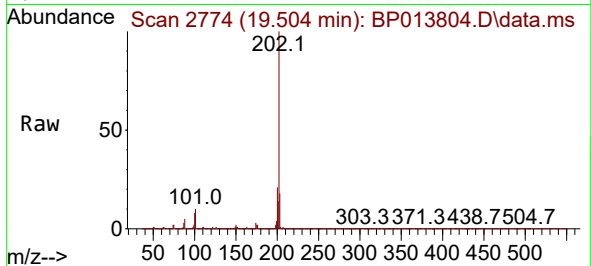




#80
Fluoranthene
Concen: 22.893 ng/ul
RT: 19.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

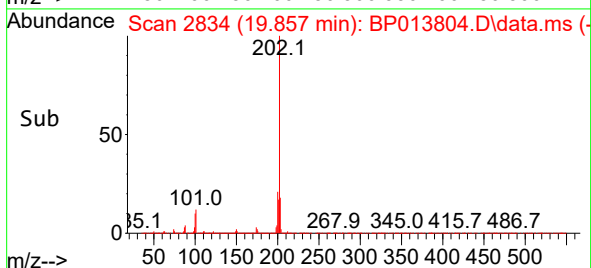
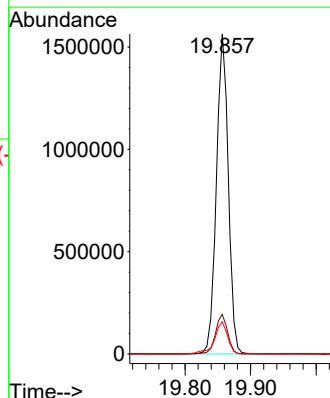
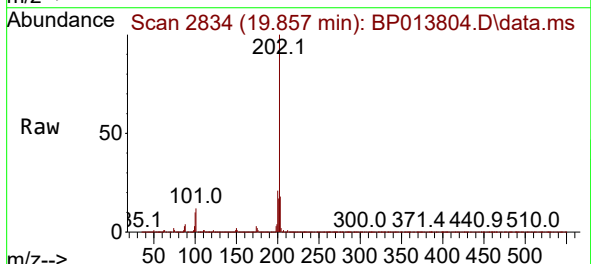
Instrument :
BNA_P
ClientSampleId :
SSTD020759

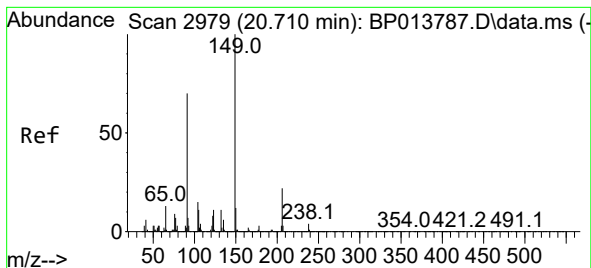
Tgt Ion:202 Resp: 1899202
Ion Ratio Lower Upper
202 100
101 10.4 8.6 12.8
100 7.9 6.3 9.5



#82
Pyrene
Concen: 22.170 ng/ul
RT: 19.857 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:202 Resp: 1960852
Ion Ratio Lower Upper
202 100
101 12.3 10.3 15.5
100 10.0 8.5 12.7





#83

Butylbenzylphthalate

Concen: 22.615 ng/ul

RT: 20.710 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

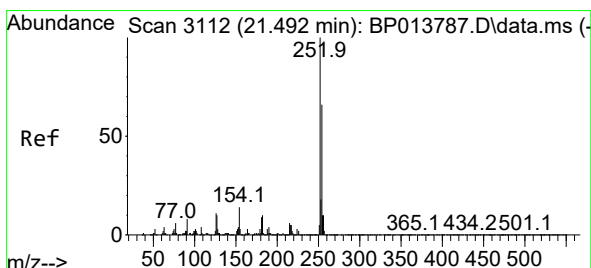
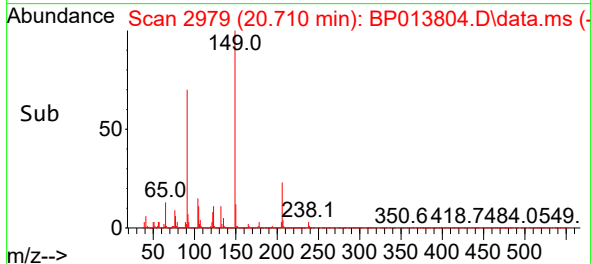
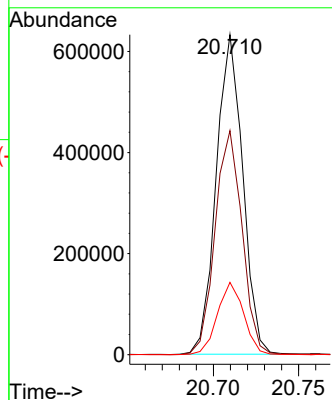
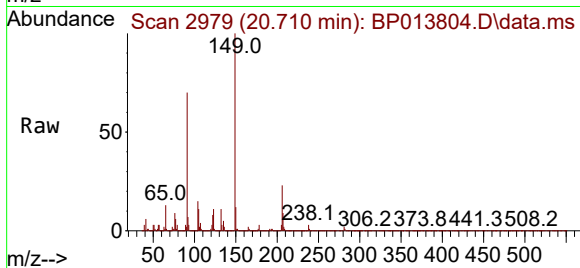
Tgt Ion:149 Resp: 684580

Ion Ratio Lower Upper

149 100

91 70.0 57.7 86.5

206 22.6 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 19.473 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

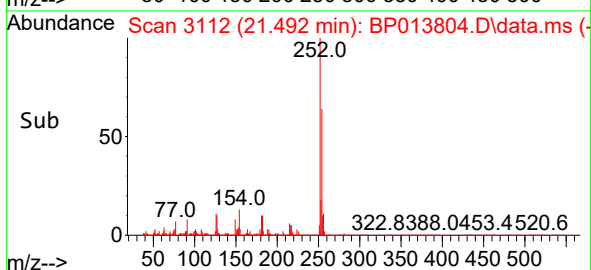
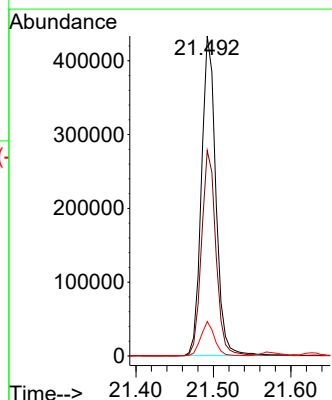
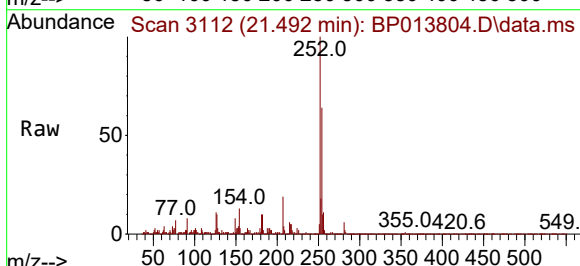
Tgt Ion:252 Resp: 560061

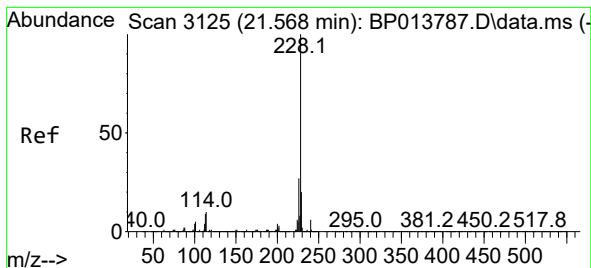
Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

126 10.7 7.9 11.9





#85

Benzo(a)anthracene

Concen: 21.053 ng/ul

RT: 21.569 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

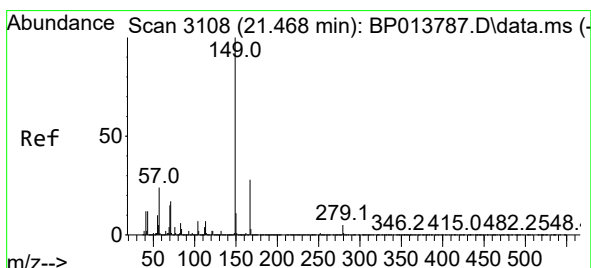
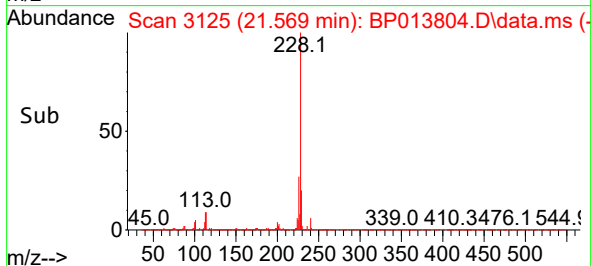
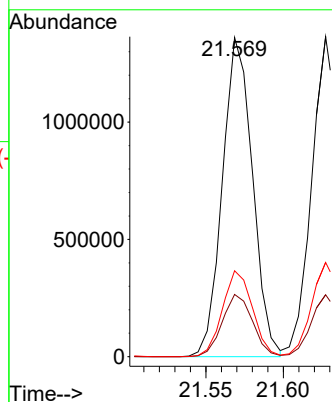
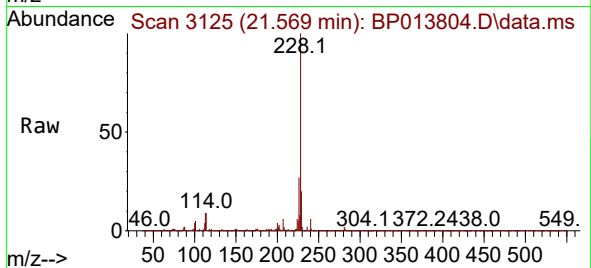
Tgt Ion:228 Resp: 1838216

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.2

226 26.9 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.128 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

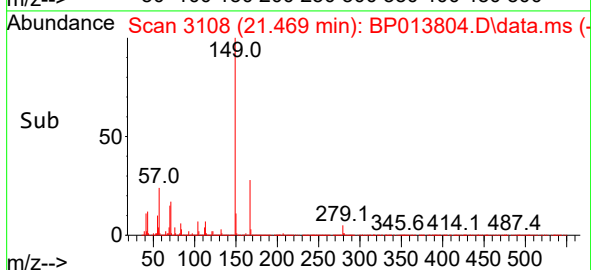
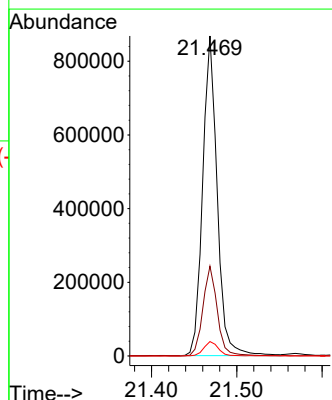
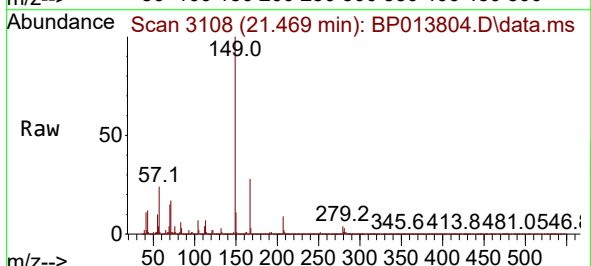
Tgt Ion:149 Resp: 1025711

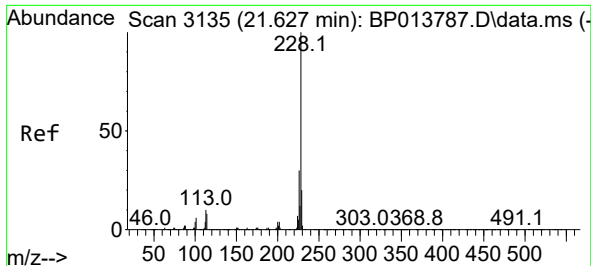
Ion Ratio Lower Upper

149 100

167 28.1 21.5 32.3

279 4.5 3.2 4.8





#87

Chrysene

Concen: 21.279 ng/ul

RT: 21.627 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

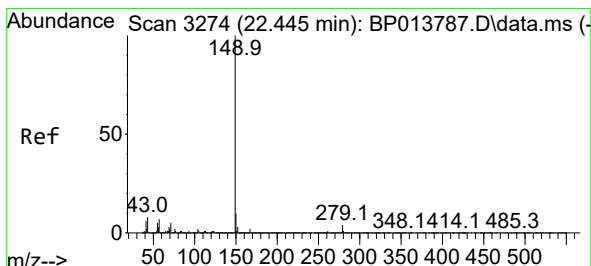
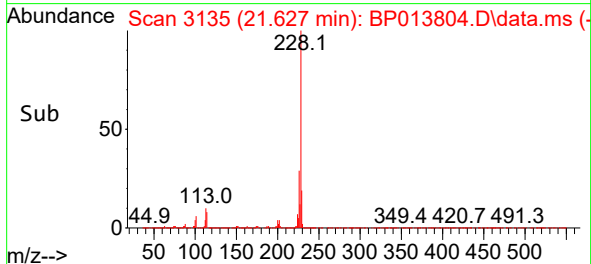
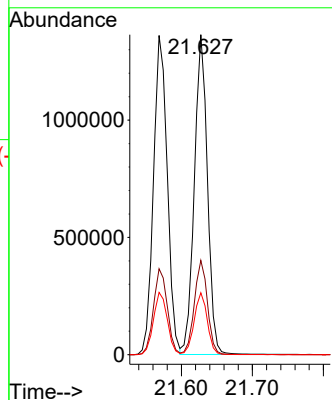
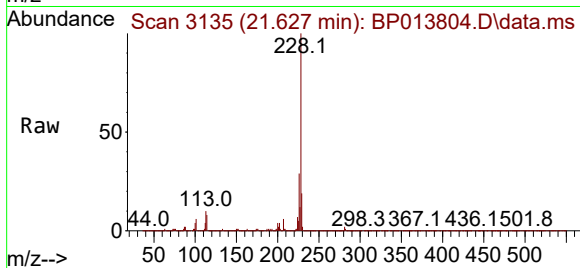
Tgt Ion:228 Resp: 1752935

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

229 19.3 16.4 24.6



#89

Di-n-octyl phthalate

Concen: 20.252 ng/ul

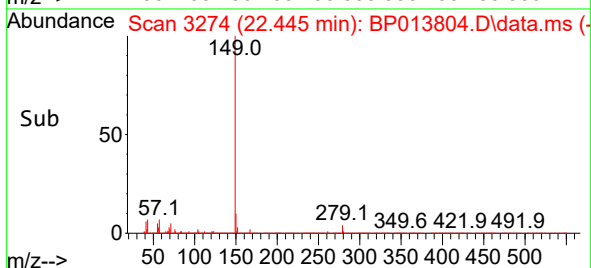
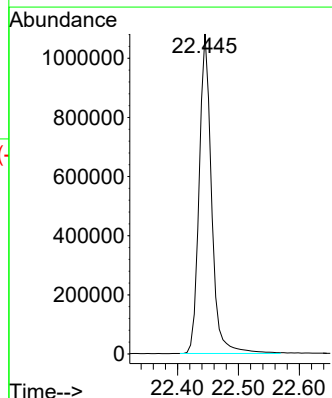
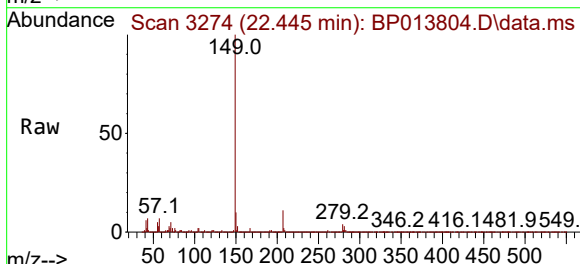
RT: 22.445 min Scan# 3274

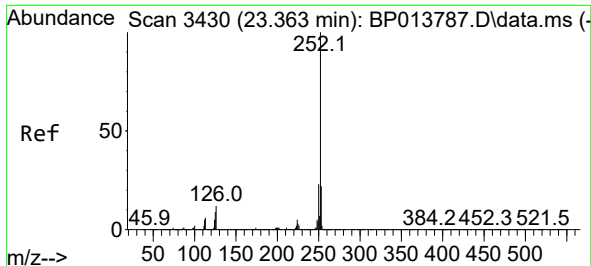
Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Tgt Ion:149 Resp: 1533260

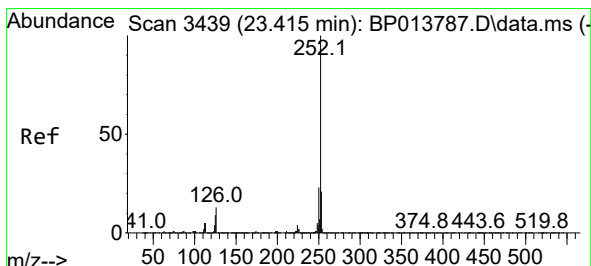
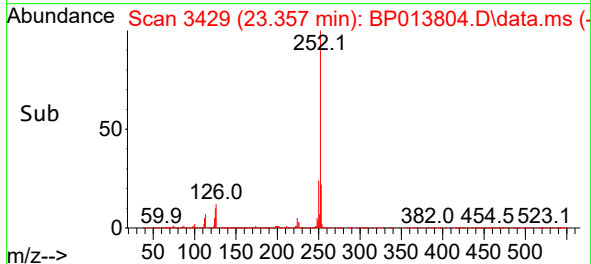
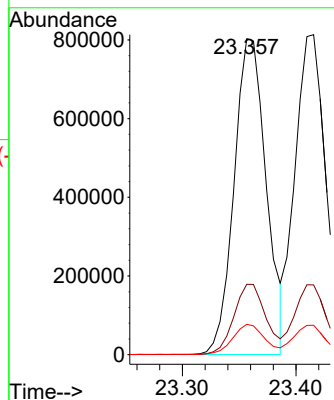
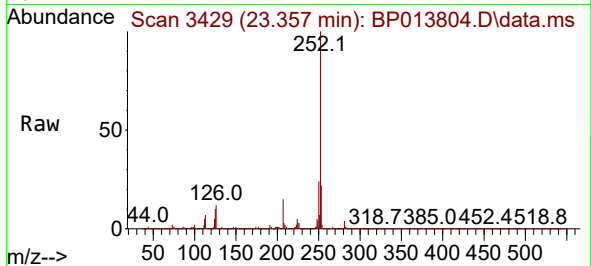




#90
Benzo(b)fluoranthene
Concen: 21.517 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

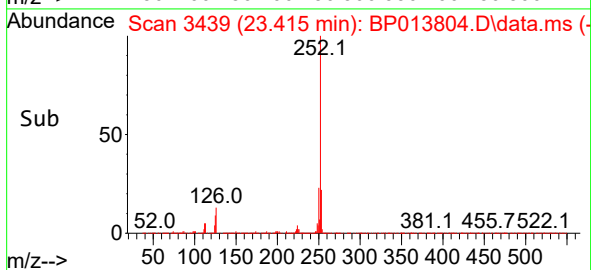
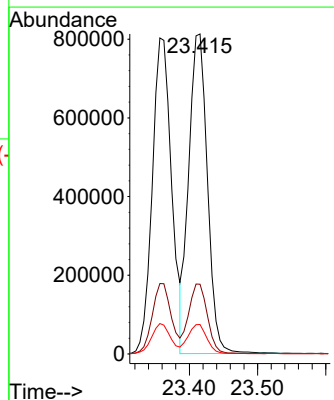
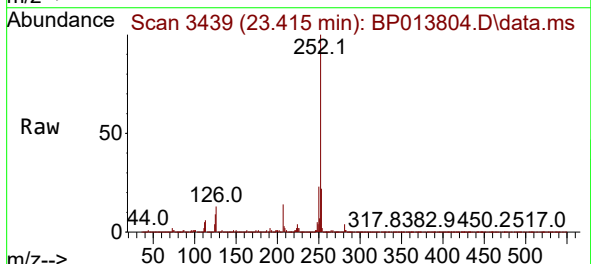
Instrument :
BNA_P
ClientSampleId :
SSTD020759

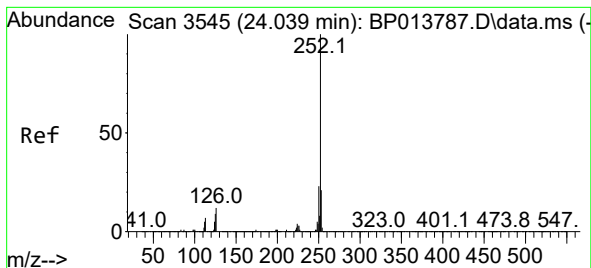
Tgt Ion:252 Resp: 1578606
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.6 7.8 11.6



#91
Benzo(k)fluoranthene
Concen: 21.165 ng/ul
RT: 23.415 min Scan# 3439
Delta R.T. -0.000 min
Lab File: BP013804.D
Acq: 08 Feb 2023 19:48

Tgt Ion:252 Resp: 1540483
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.2 7.2 10.8





#93

Benzo(a)pyrene

Concen: 21.047 ng/ul

RT: 24.039 min Scan# 3545

Delta R.T. -0.000 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

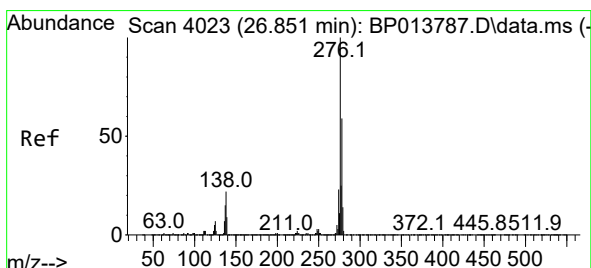
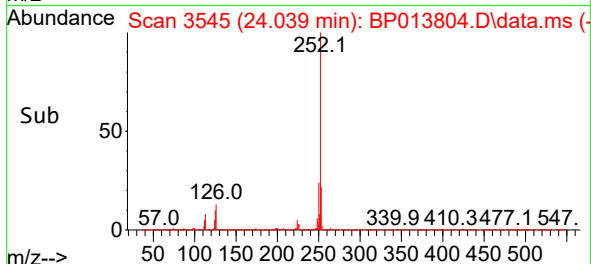
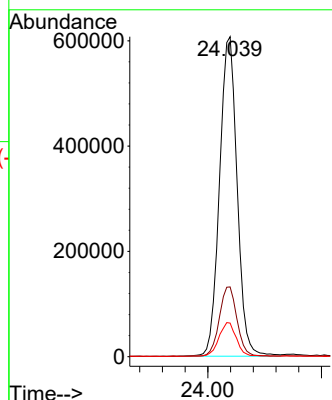
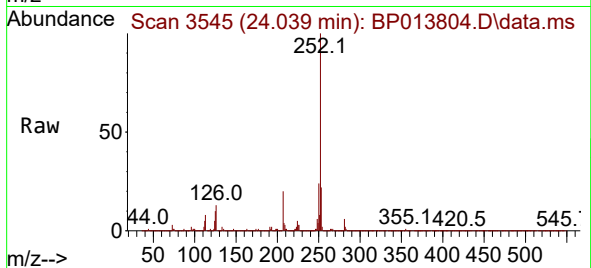
Tgt Ion:252 Resp: 1308680

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.5 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.851 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

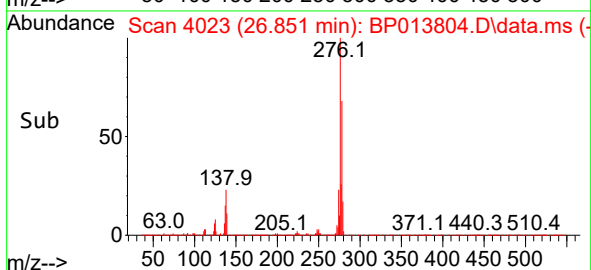
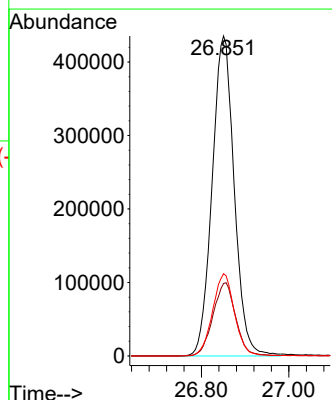
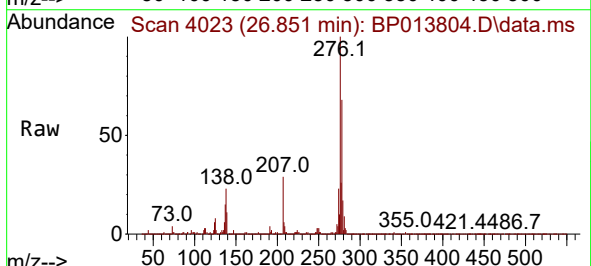
Tgt Ion:276 Resp: 1524002

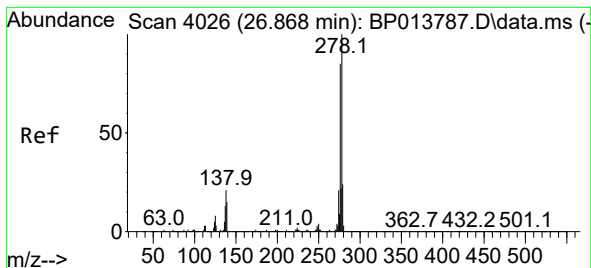
Ion Ratio Lower Upper

276 100

138 22.7 18.4 27.6

277 25.7 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 21.787 ng/ul

RT: 26.868 min Scan# 4026

Delta R.T. -0.006 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Instrument :

BNA_P

ClientSampleId :

SSTD020759

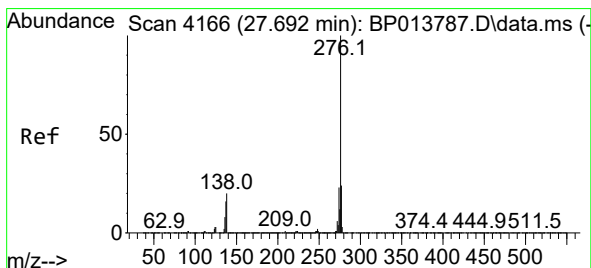
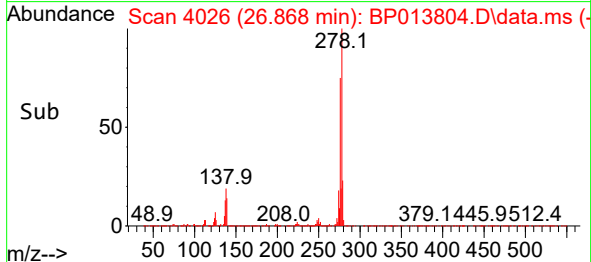
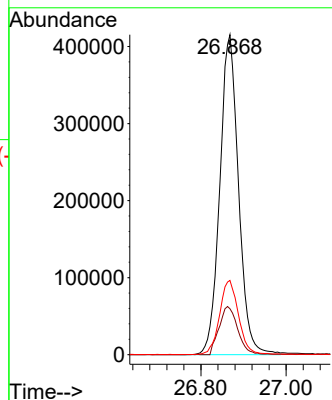
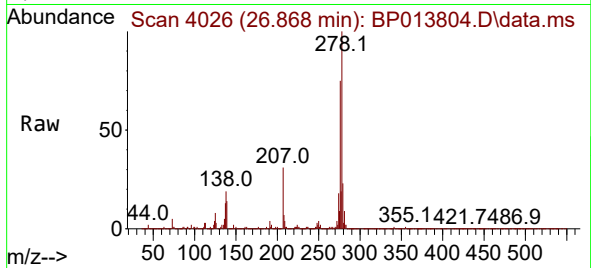
Tgt Ion:278 Resp: 1269331

Ion Ratio Lower Upper

278 100

139 14.4 12.0 18.0

279 23.2 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 22.385 ng/ul

RT: 27.680 min Scan# 4164

Delta R.T. -0.012 min

Lab File: BP013804.D

Acq: 08 Feb 2023 19:48

Tgt Ion:276 Resp: 1243001

Ion Ratio Lower Upper

276 100

138 21.0 15.9 23.9

277 24.5 19.0 28.6

