

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017534.D
 Acq On : 04 Oct 2023 15:55
 Operator : MA/JU
 Sample : SSTD16065
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160629

Quant Time: Oct 04 16:28:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:12:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	114969	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	469391	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	292513	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	656966	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	636320	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	693433	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	172261	59.902	ng/uL	0.00
4) Pyridine-d5	3.728	84	1076046	139.246	ng/u1	0.00
7) Phenol-d5	7.116	99	1547964	160.034	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.293	67	885836	147.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	1240644	162.888	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	1207884	155.006	ng/u1	0.02
21) Nitrobenzene-d5	9.163	128	607216	168.150	ng/u1	0.01
24) 2-Nitrophenol-d4	9.875	143	712279	174.881	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	1254877	166.191	ng/u1	0.01
31) 4-Chloroaniline-d4	10.963	131	1666402	153.703	ng/u1	0.01
46) Dimethylphthalate-d6	14.063	166	3567961	156.374	ng/u1	0.01
49) Acenaphthylene-d8	14.340	160	4086531	162.422	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	699052	179.138	ng/u1	0.02
60) Fluorene-d10	15.645	176	3024122	156.258	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	718252	179.681	ng/u1	0.02
73) Anthracene-d10	17.534	188	4780217	157.191	ng/u1	0.00
81) Pyrene-d10	19.786	212	5577185	157.733	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	5796444	165.636	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	177278	59.970	ng/uL	97
5) Pyridine	3.752	79	1099900	134.764	ng/u1	95
6) Benzaldehyde	7.105	77	518731	98.150	ng/u1	100
8) Phenol	7.146	94	1524664	156.722	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.387	93	1188764	149.559	ng/u1	99
12) 2-Chlorophenol	7.505	128	1226776	159.143	ng/u1	99
13) 2-Methylphenol	8.405	108	1153653	158.608	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	928359	88.359	ng/u1	99
16) Acetophenone	8.810	105	1852771	149.768	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.799	70	964477	153.916	ng/u1	99
18) 4-Methylphenol	8.758	108	1226497	155.160	ng/u1	98
19) Hexachloroethane	9.010	117	528507	154.452	ng/u1	99
22) Nitrobenzene	9.205	77	1469675	158.228	ng/u1	99
23) Isophorone	9.728	82	2724870	159.896	ng/u1	99
25) 2-Nitrophenol	9.910	139	728849	168.646	ng/u1	97
26) 2,4-Dimethylphenol	9.957	107	1343441	156.786	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.210	93	1589287	152.532	ng/u1	100
29) 2,4-Dichlorophenol	10.440	162	1205099	164.369	ng/u1	97
30) Naphthalene	10.840	128	3871826	154.600	ng/u1	99
32) 4-Chloroaniline	10.987	127	1565525	150.705	ng/u1	98
33) Hexachlorobutadiene	11.063	225	825346	155.014	ng/u1	99
34) Caprolactam	11.857	113	215257	94.294	ng/u1	97
35) 4-Chloro-3-methylphenol	12.104	107	1247145	161.175	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	2678065	156.494	ng/u1	99

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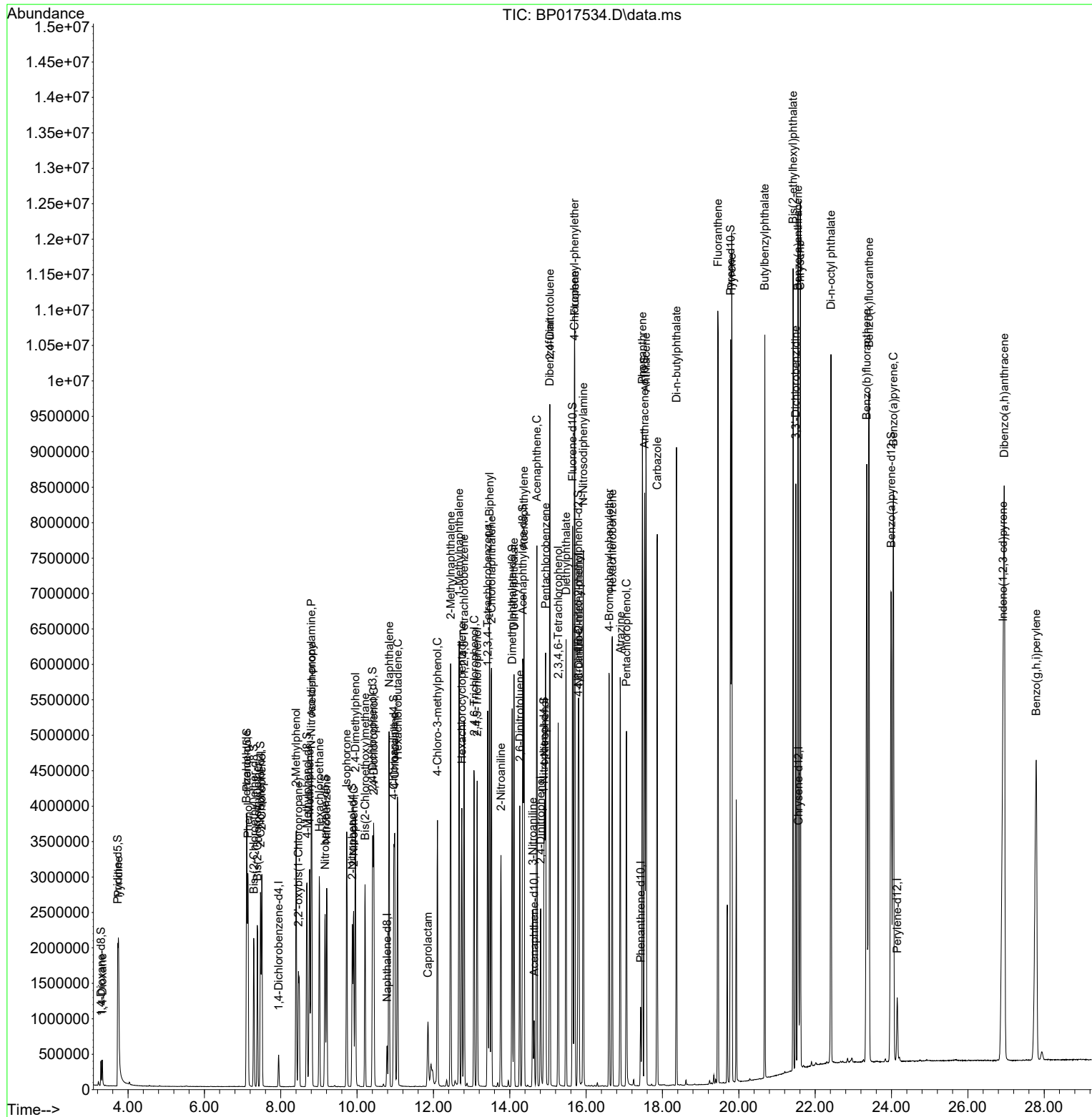
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	2732725	155.644	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	1513842	157.962	ng/ul	99
40) Hexachlorocyclopentadiene	12.746	237	1036648	201.808	ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	1020199	167.038	ng/ul	100
42) 2,4,5-Trichlorophenol	13.146	196	1092178	169.831	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	3482181	155.510	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	2804541	157.531	ng/ul	99
45) 2-Nitroaniline	13.769	65	861052	174.054	ng/ul	94
47) Dimethylphthalate	14.110	163	3545634	154.607	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	769933	180.167	ng/ul	93
50) Acenaphthylene	14.375	152	4586031	157.616	ng/ul	99
51) 3-Nitroaniline	14.604	138	610511	147.524	ng/ul	94
52) Acenaphthene	14.710	153	2978906	155.107	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	520571	221.647	ng/ul	96
55) 4-Nitrophenol	14.916	109	649658	187.224	ng/ul	95
56) Dibenzofuran	15.045	168	4026890	148.980	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	1095499	171.753	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.269	232	940425	165.220	ng/ul	98
59) Diethylphthalate	15.475	149	3566717	155.054	ng/ul	100
61) Fluorene	15.704	166	3333490	149.325	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.692	204	1710043	149.532	ng/ul	99
63) 4-Nitroaniline	15.792	138	540292	137.056	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.810	198	751365	174.608	ng/ul#	99
67) N-Nitrosodiphenylamine	15.928	169	2864304	155.704	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	1118619	160.611	ng/ul	98
69) Hexachlorobenzene	16.687	284	1290209	157.301	ng/ul	98
70) Atrazine	16.898	200	1121367	156.959	ng/ul	97
71) Pentachlorophenol	17.057	266	831510	169.440	ng/ul	98
72) Phenanthrene	17.475	178	5417660	153.221	ng/ul	99
74) Anthracene	17.569	178	5518891	153.139	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	1536580	158.225	ng/ul	99
76) Pentachlorobenzene	14.940	250	1487809	154.336	ng/ul	99
77) Carbazole	17.863	167	4964301	151.838	ng/ul	99
78) Di-n-butylphthalate	18.369	149	6199447	158.943	ng/ul	100
80) Fluoranthene	19.451	202	6514624	158.158	ng/ul	99
82) Pyrene	19.816	202	6644210	152.878	ng/ul	99
83) Butylbenzylphthalate	20.680	149	2933954	171.898	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	2284413	157.508	ng/ul	99
85) Benzo(a)anthracene	21.551	228	6861293	153.910	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	4186756	170.182	ng/ul	100
87) Chrysene	21.610	228	6324631	151.777	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	7276281	167.407	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	7151380	164.284	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	6776405	156.135	ng/ul	100
93) Benzo(a)pyrene	24.051	252	6616927	162.599	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.921	276	8222434	165.278	ng/ul	99
95) Dibenzo(a,h)anthracene	26.957	278	6843494	163.253	ng/ul	99
96) Benzo(g,h,i)perylene	27.792	276	6542288	163.933	ng/ul	100

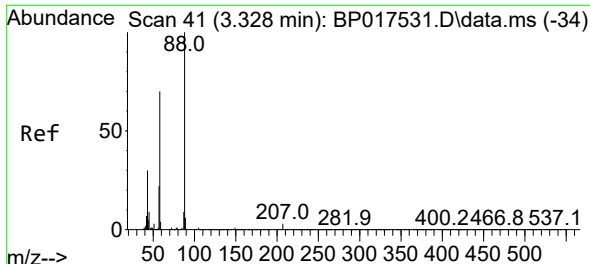
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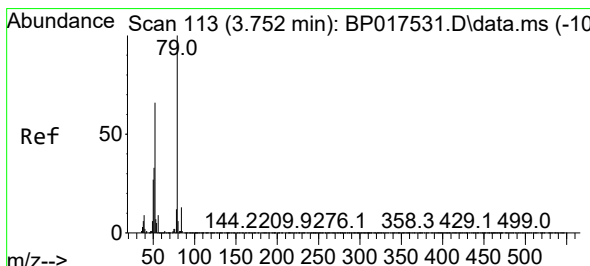
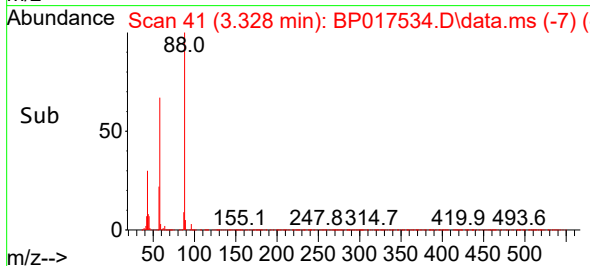
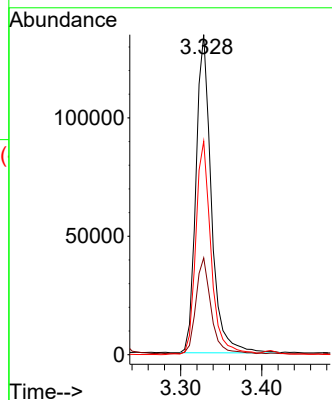
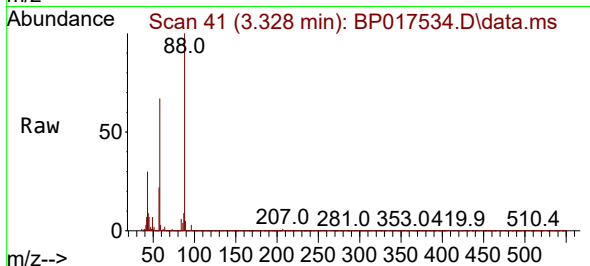




#2
1,4-Dioxane
Concen: 59.970 ng/uL
RT: 3.328 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP017534.D
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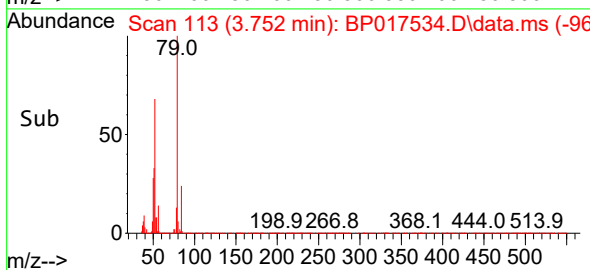
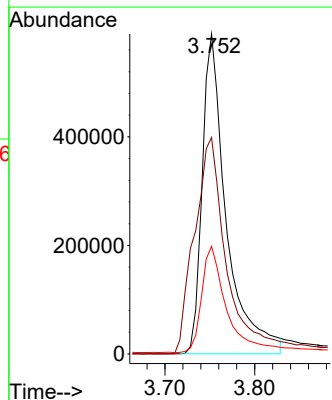
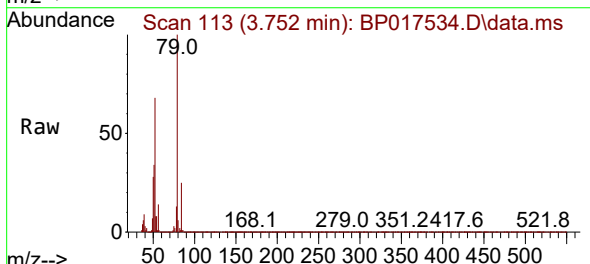
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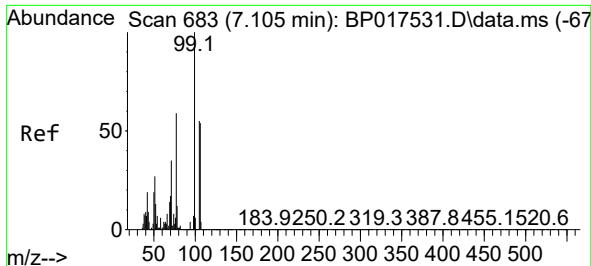
Tgt Ion: 88 Resp: 177278
Ion Ratio Lower Upper
88 100
43 30.2 22.6 34.0
58 66.7 51.4 77.2



#5
Pyridine
Concen: 134.764 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion: 79 Resp: 1099900
Ion Ratio Lower Upper
79 100
52 67.6 52.6 78.8
51 33.7 31.7 47.5

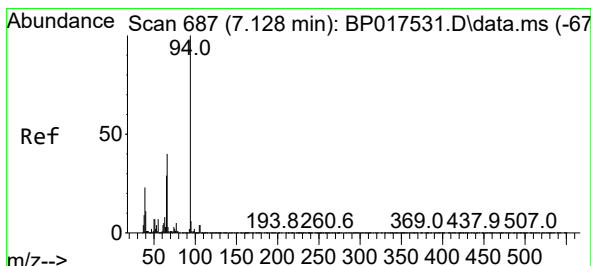
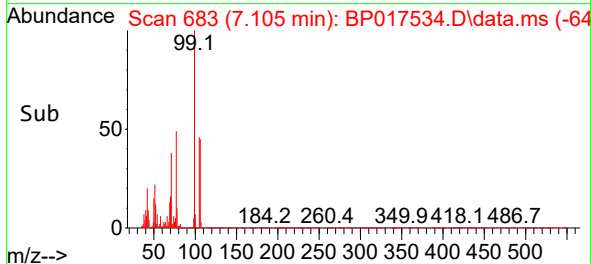
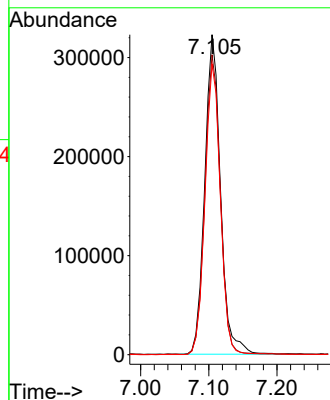
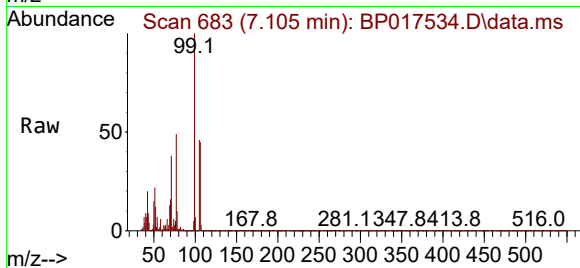




#6
Benzaldehyde
Concen: 98.150 ng/ul
RT: 7.105 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP017534.D
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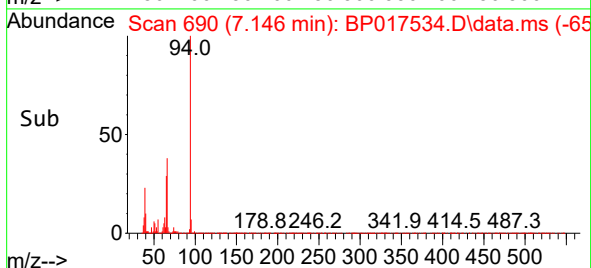
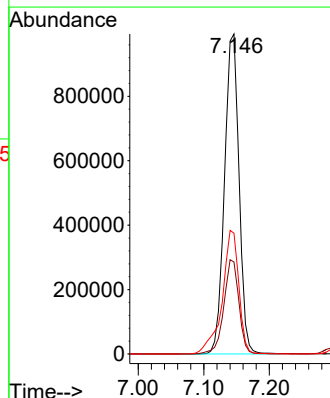
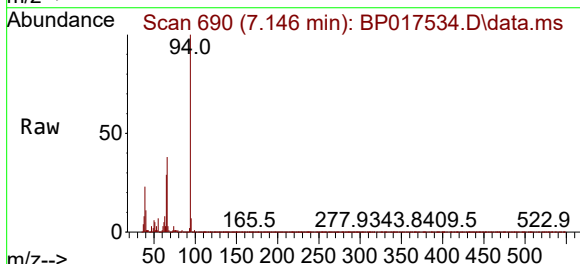
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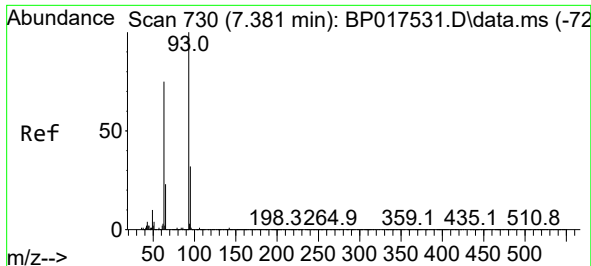
Tgt Ion: 77 Resp: 518731
Ion Ratio Lower Upper
77 100
105 93.8 74.6 112.0
106 90.8 72.8 109.2



#8
Phenol
Concen: 156.722 ng/ul
RT: 7.146 min Scan# 690
Delta R.T. 0.018 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion: 94 Resp: 1524664
Ion Ratio Lower Upper
94 100
65 28.8 23.5 35.3
66 37.7 32.3 48.5



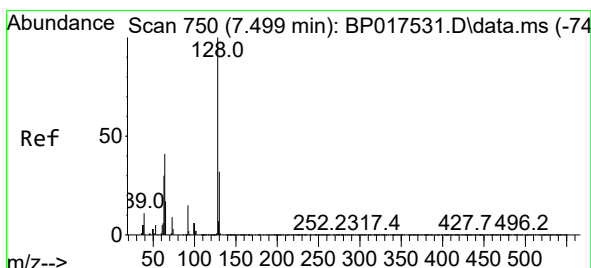
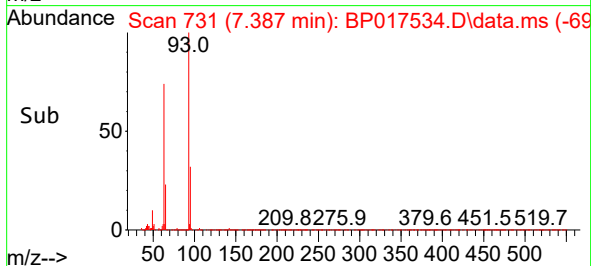
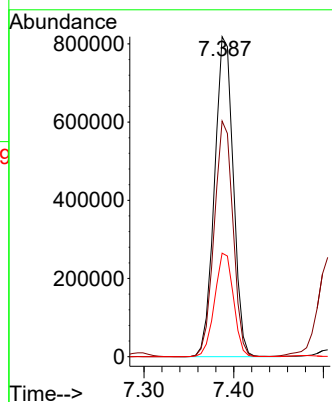
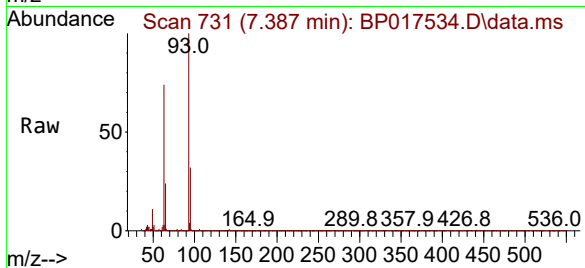


#10
 Bis(2-Chloroethyl)ether
 Concen: 149.559 ng/ul
 RT: 7.387 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BP017534.D
 Acq: 04 Oct 2023 15:55

Instrument :
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Tgt Ion: 93 Resp: 1188764

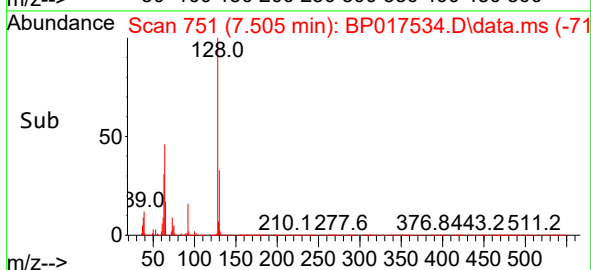
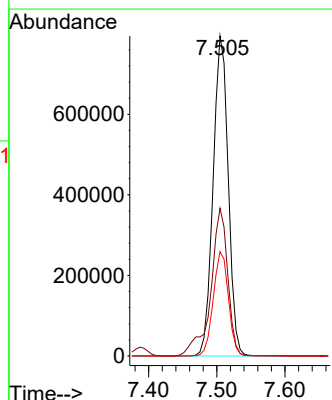
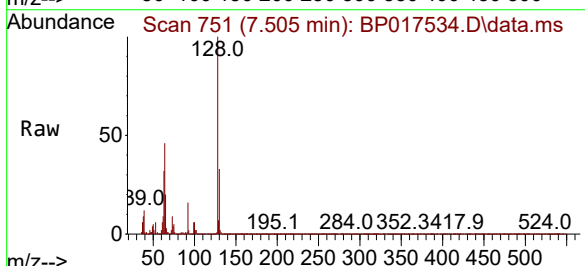
Ion	Ratio	Lower	Upper
93	100		
63	73.7	60.0	90.0
95	32.4	25.9	38.9

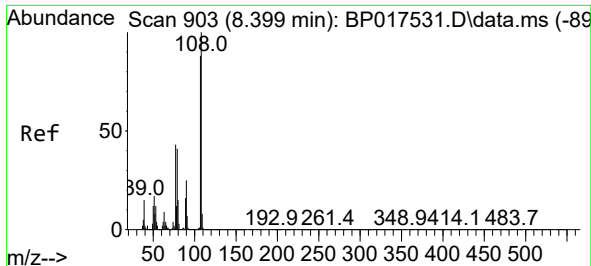


#12
 2-Chlorophenol
 Concen: 159.143 ng/ul
 RT: 7.505 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: BP017534.D
 Acq: 04 Oct 2023 15:55

Tgt Ion:128 Resp: 1226776

Ion	Ratio	Lower	Upper
128	100		
64	46.2	36.7	55.1
130	32.6	25.4	38.0





#13

2-Methylphenol

Concen: 158.608 ng/ul

RT: 8.405 min Scan# 904

Delta R.T. 0.006 min

Lab File: BP017534.D

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Instrument :

BNA_P

ClientSampleId :

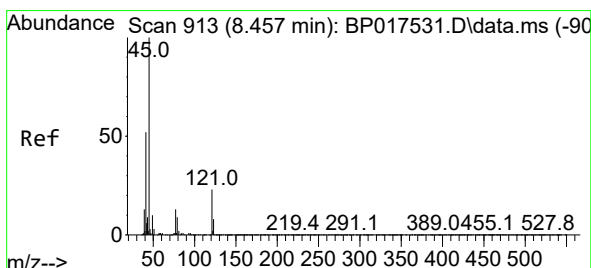
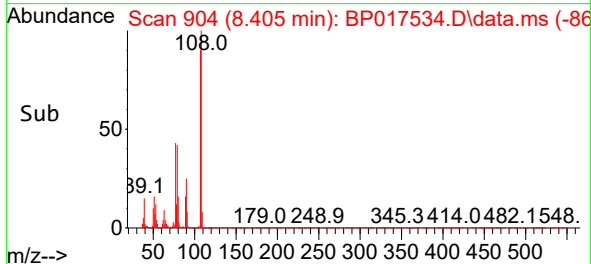
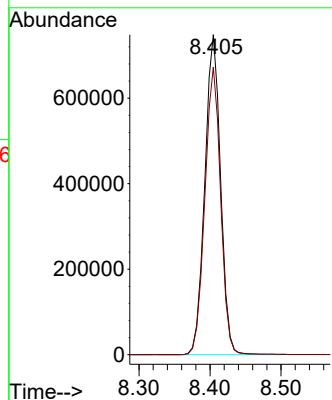
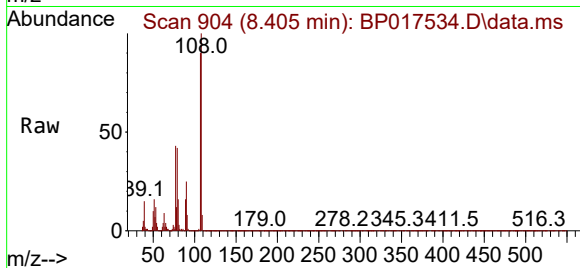
SSTD160629

Tgt Ion:108 Resp: 1153653

Ion Ratio Lower Upper

108 100

107 89.9 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 88.359 ng/ul

RT: 8.463 min Scan# 914

Delta R.T. 0.006 min

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Acq: 04 Oct 2023 15:55

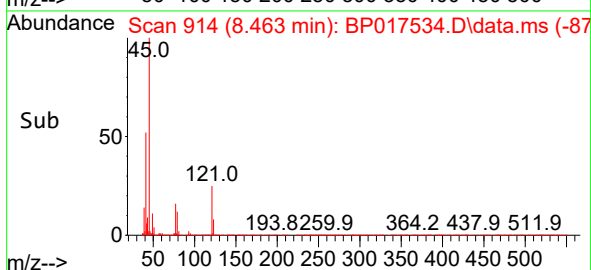
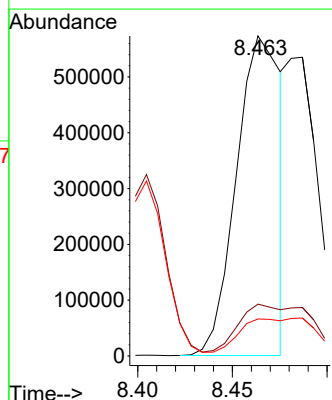
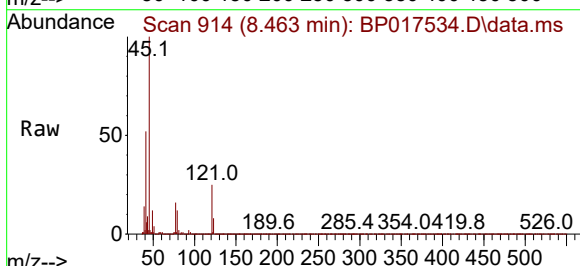
Tgt Ion: 45 Resp: 928359

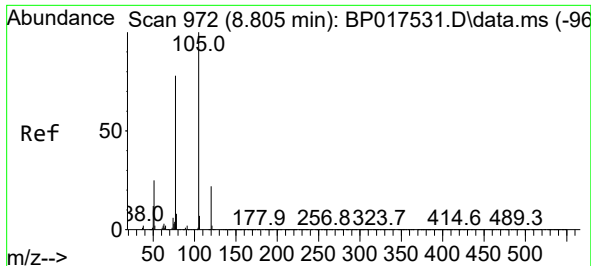
Ion Ratio Lower Upper

45 100

77 16.2 12.9 19.3

79 11.6 9.0 13.4

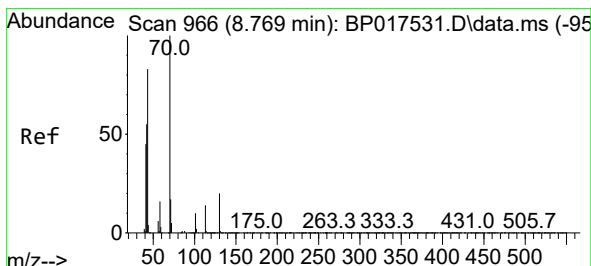
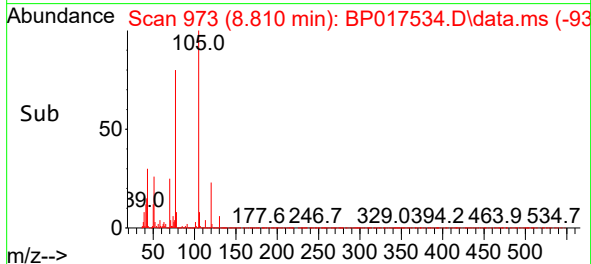
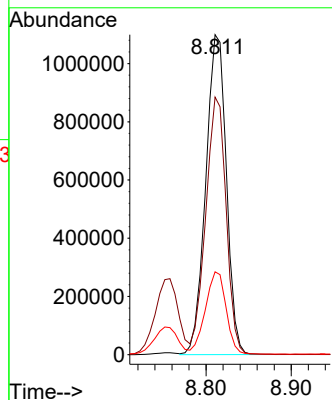
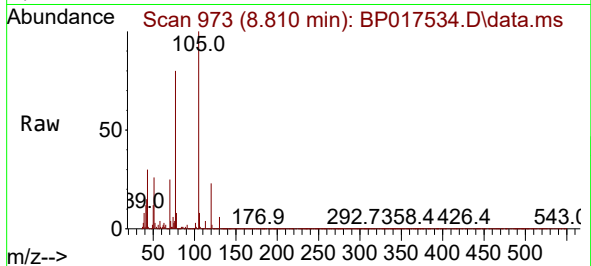




#16
Acetophenone
Concen: 149.768 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

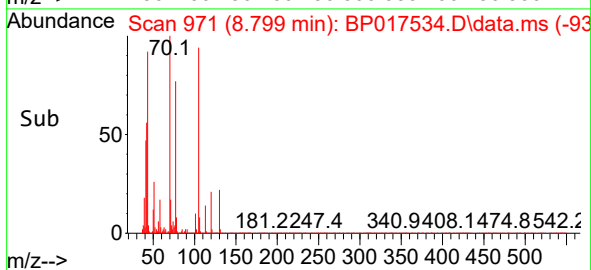
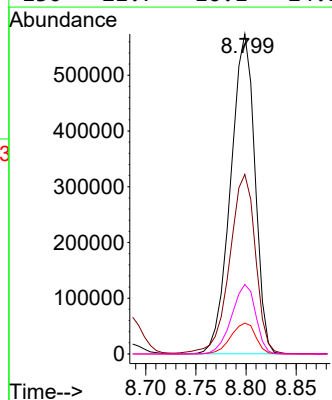
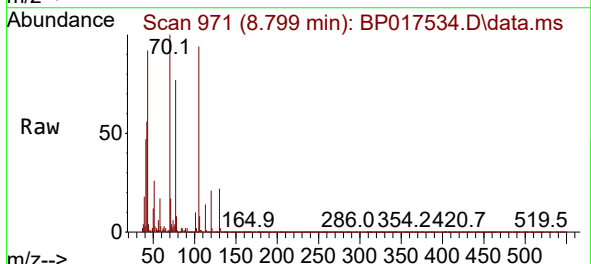
Instrument :
BNA_P
ClientSampleId :
SSTD160629

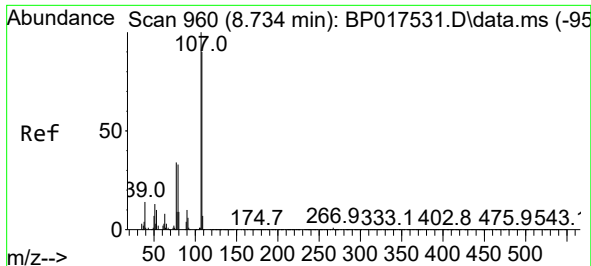
Tgt Ion:105 Resp: 1852771
Ion Ratio Lower Upper
105 100
77 80.5 63.5 95.3
51 25.9 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 153.916 ng/ul
RT: 8.799 min Scan# 971
Delta R.T. 0.030 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion: 70 Resp: 964477
Ion Ratio Lower Upper
70 100
42 56.1 44.9 67.3
101 9.6 7.7 11.5
130 21.7 16.1 24.1

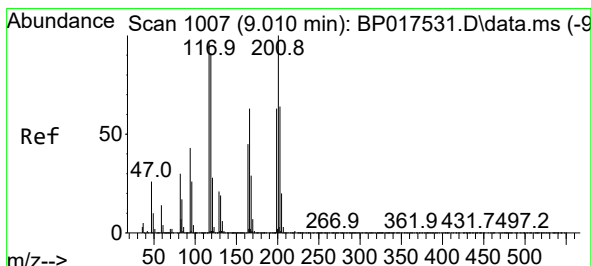
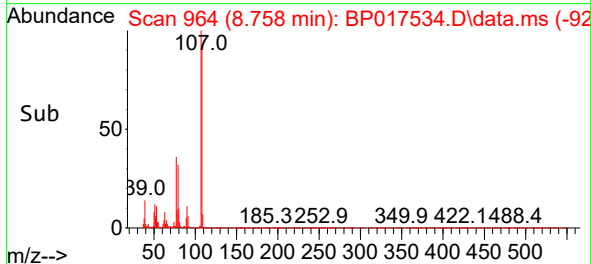
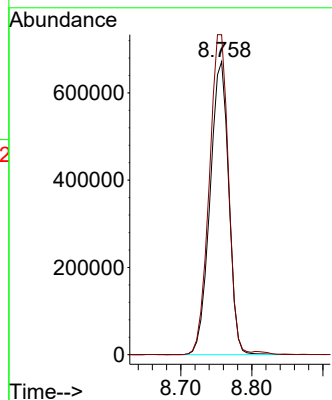
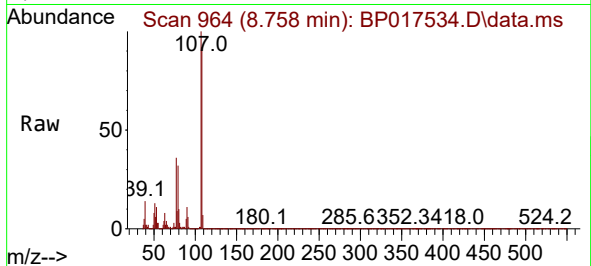




#18
4-Methylphenol
Concen: 155.160 ng/ul
RT: 8.758 min Scan# 90
Delta R.T. 0.024 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

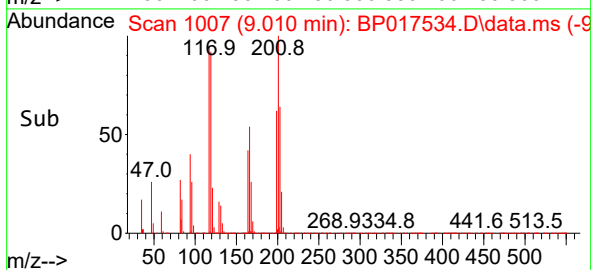
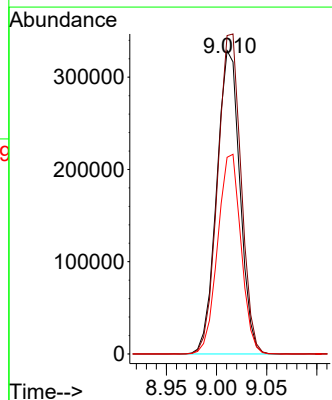
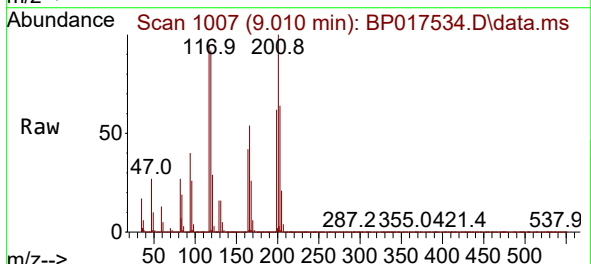
Instrument :
BNA_P
ClientSampleId :
SSTD160629

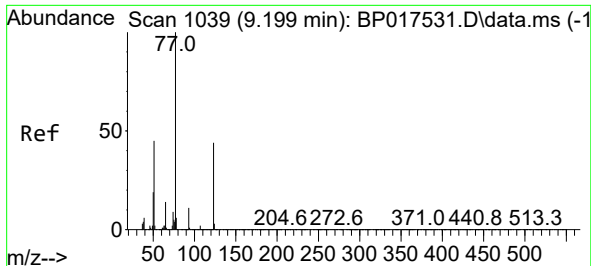
Tgt Ion:108 Resp: 1226497
Ion Ratio Lower Upper
108 100
107 109.3 89.0 133.6



#19
Hexachloroethane
Concen: 154.452 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:117 Resp: 528507
Ion Ratio Lower Upper
117 100
201 105.0 83.2 124.8
199 64.8 52.8 79.2

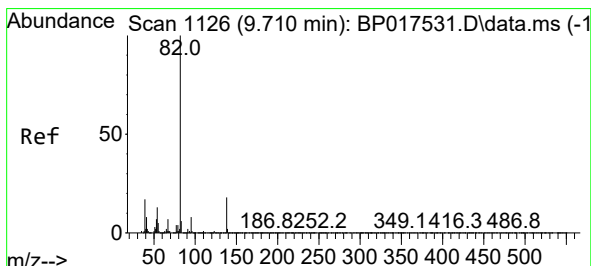
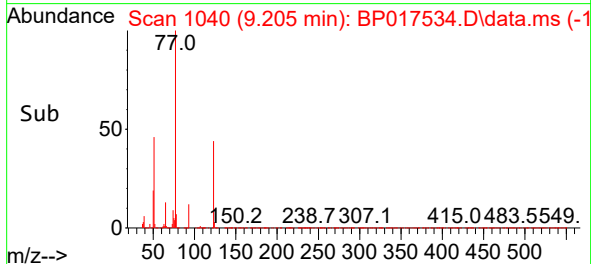
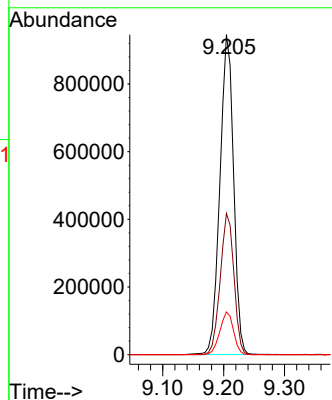
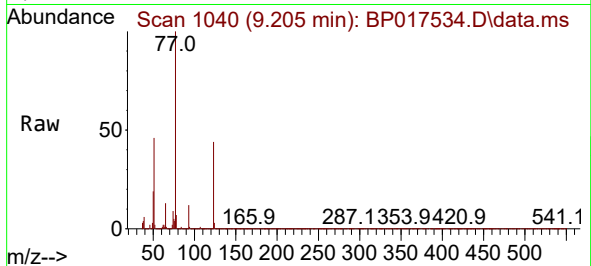




#22
Nitrobenzene
Concen: 158.228 ng/ul
RT: 9.205 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

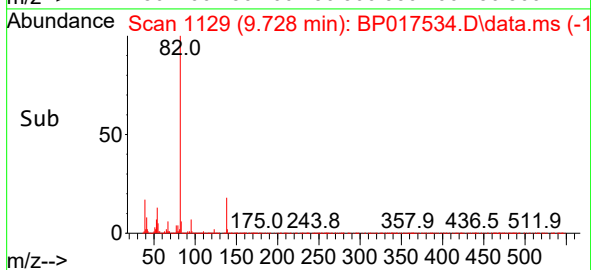
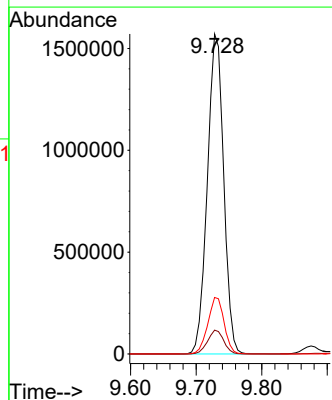
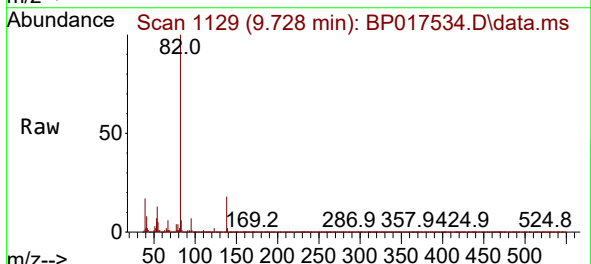
Instrument :
BNA_P
ClientSampleId :
SSTD160629

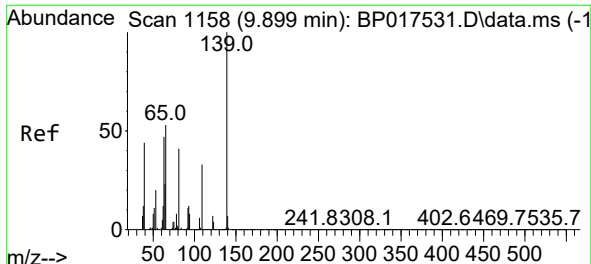
Tgt Ion: 77 Resp: 1469675
Ion Ratio Lower Upper
77 100
123 44.1 35.0 52.6
65 13.4 11.0 16.4



#23
Isophorone
Concen: 159.896 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. 0.018 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion: 82 Resp: 2724870
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 17.7 14.6 21.8

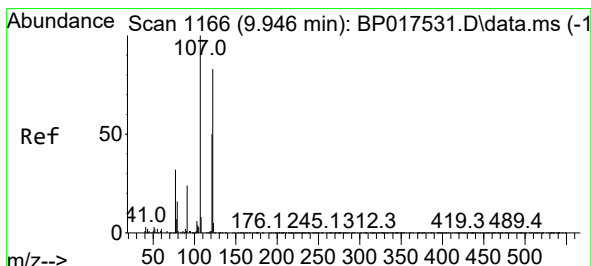
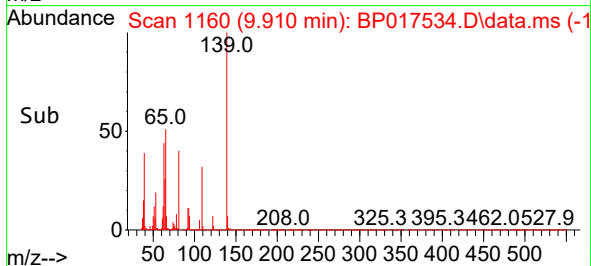
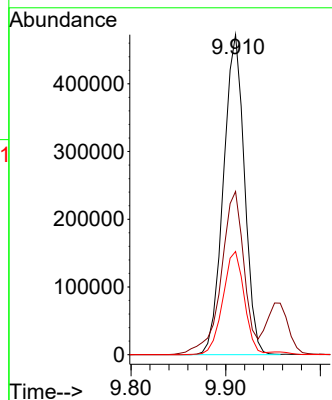
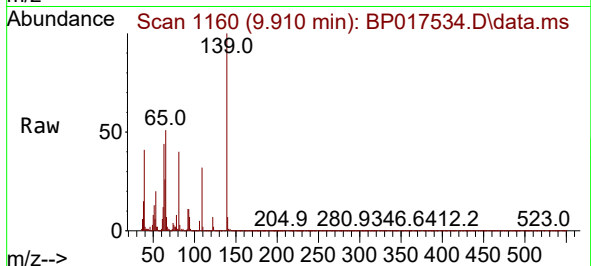




#25
2-Nitrophenol
Concen: 168.646 ng/ul
RT: 9.910 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

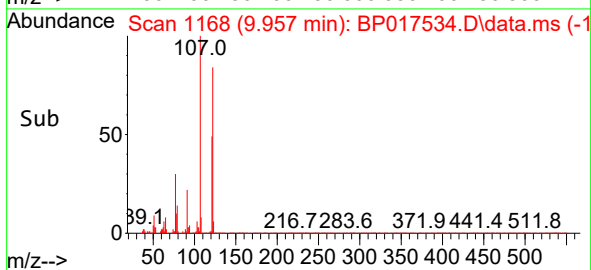
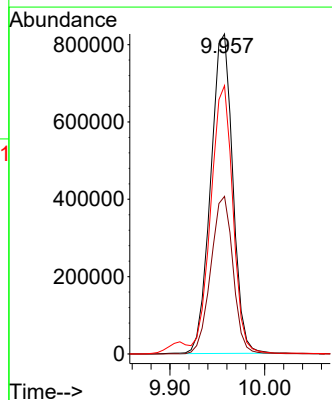
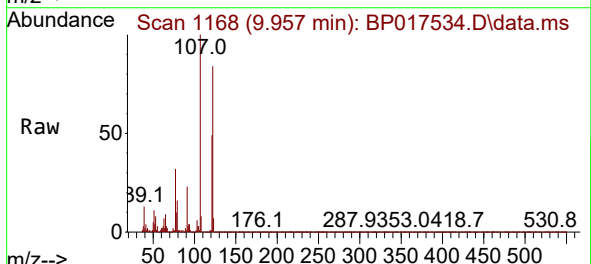
Instrument :
BNA_P
ClientSampleId :
SSTD160629

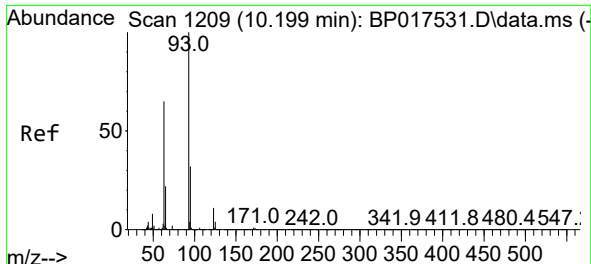
Tgt Ion:139 Resp: 728849
Ion Ratio Lower Upper
139 100
65 51.0 43.4 65.0
109 32.3 26.6 39.8



#26
2,4-Dimethylphenol
Concen: 156.786 ng/ul
RT: 9.957 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:107 Resp: 1343441
Ion Ratio Lower Upper
107 100
121 49.2 39.8 59.8
122 83.9 68.3 102.5





#27

Bis(2-Chloroethoxy)methane

Concen: 152.532 ng/ul

RT: 10.210 min Scan# 1211

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

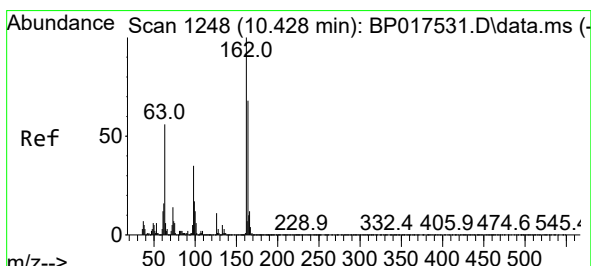
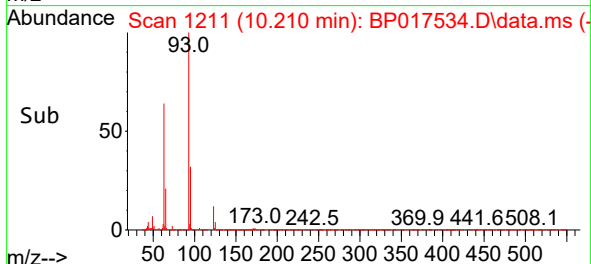
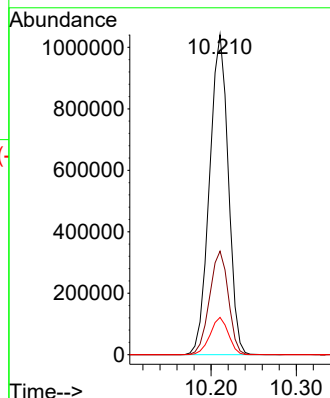
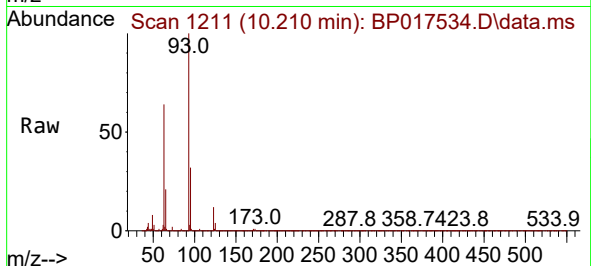
Tgt Ion: 93 Resp: 1589287

Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 11.7 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 164.369 ng/ul

RT: 10.440 min Scan# 1250

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

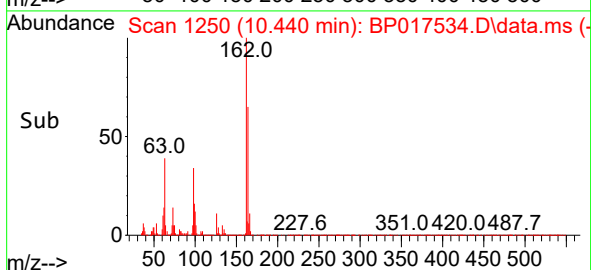
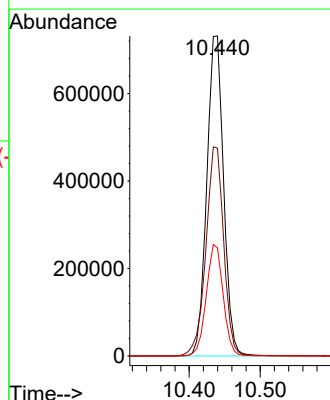
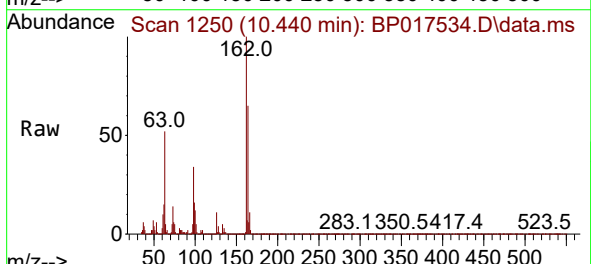
Tgt Ion:162 Resp: 1205099

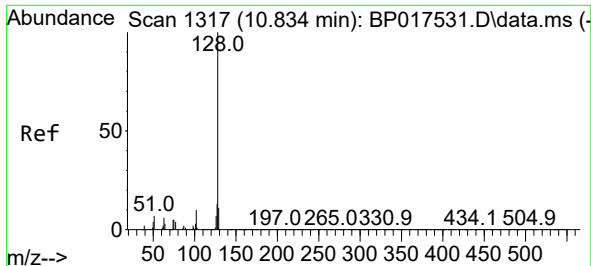
Ion Ratio Lower Upper

162 100

164 65.0 54.4 81.6

98 33.8 28.2 42.4

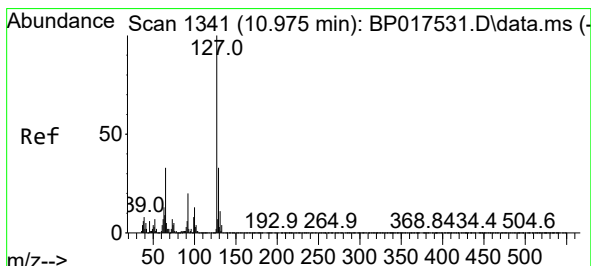
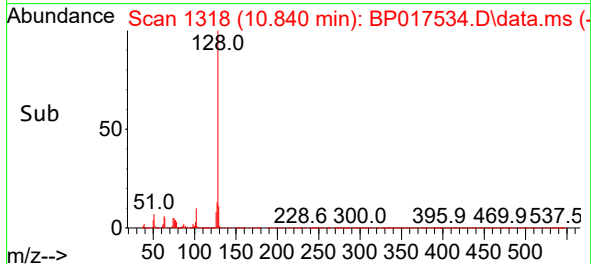
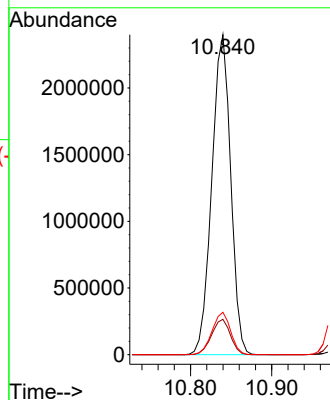
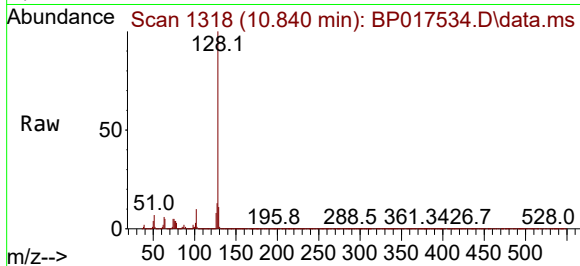




#30
Naphthalene
Concen: 154.600 ng/ul
RT: 10.840 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

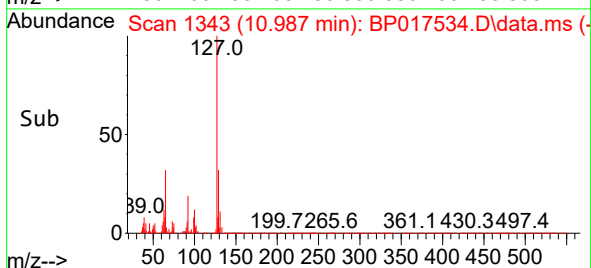
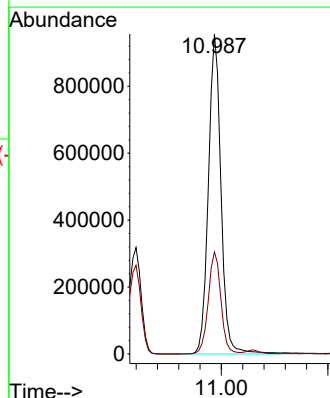
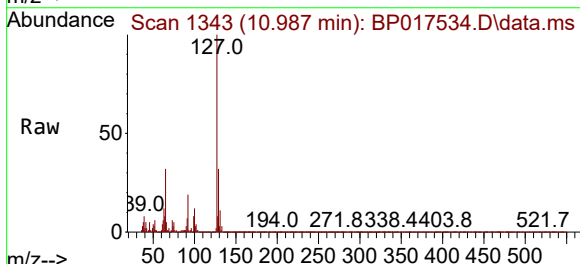
Instrument :
BNA_P
ClientSampleId :
SSTD160629

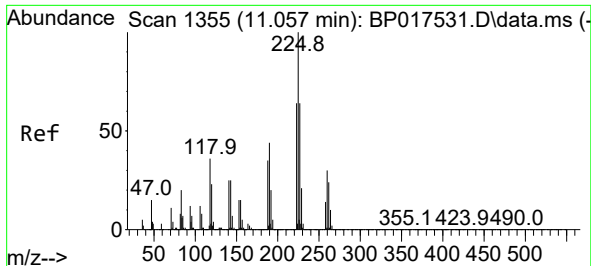
Tgt Ion:128 Resp: 3871826
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.2 15.4



#32
4-Chloroaniline
Concen: 150.705 ng/ul
RT: 10.987 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:127 Resp: 1565525
Ion Ratio Lower Upper
127 100
129 31.9 26.2 39.4

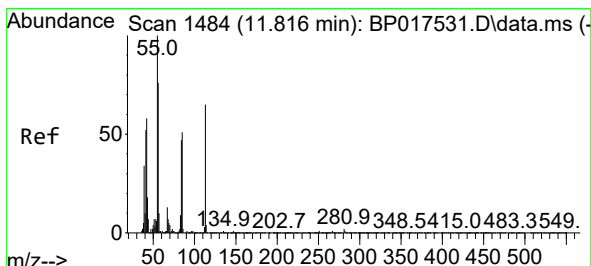
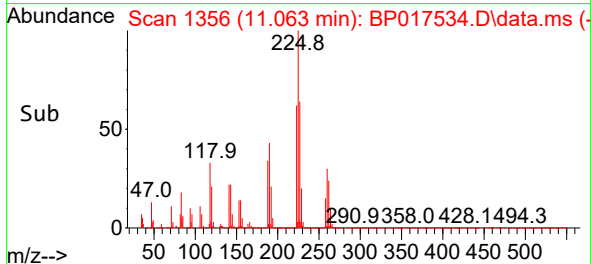
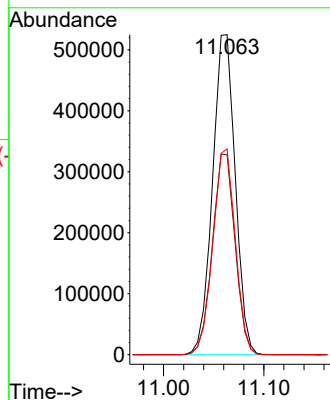
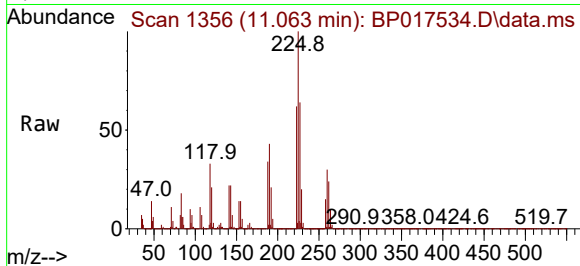




#33
Hexachlorobutadiene
Concen: 155.014 ng/ul
RT: 11.063 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

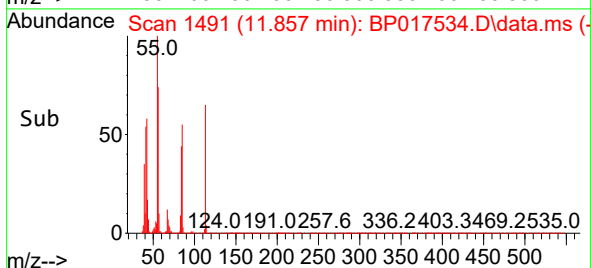
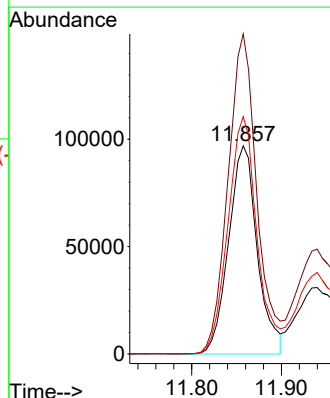
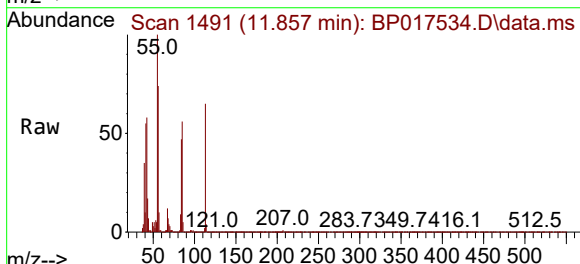
Instrument :
BNA_P
ClientSampleId :
SSTD160629

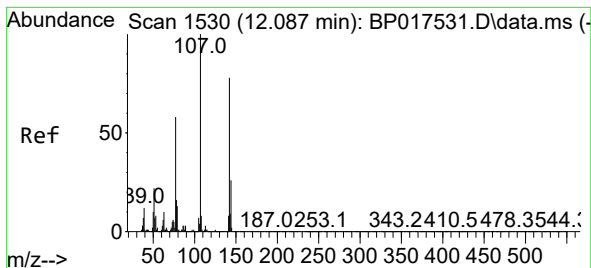
Tgt Ion:225 Resp: 825346
Ion Ratio Lower Upper
225 100
223 62.4 51.5 77.3
227 64.3 51.4 77.0



#34
Caprolactam
Concen: 94.294 ng/ul
RT: 11.857 min Scan# 1491
Delta R.T. 0.041 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:113 Resp: 215257
Ion Ratio Lower Upper
113 100
55 153.7 124.6 187.0
56 114.0 94.7 142.1

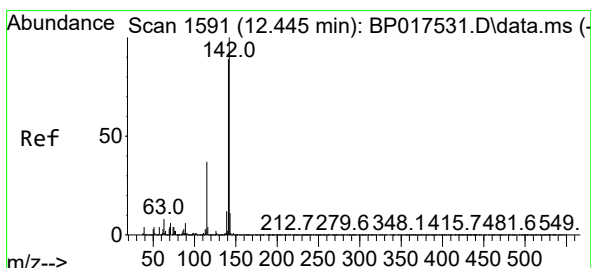
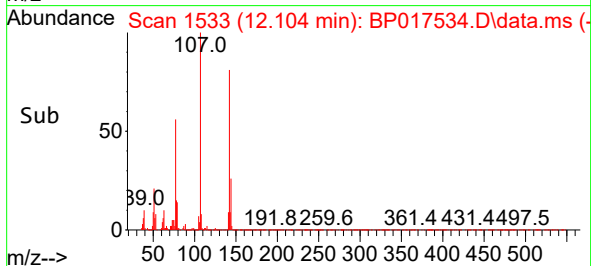
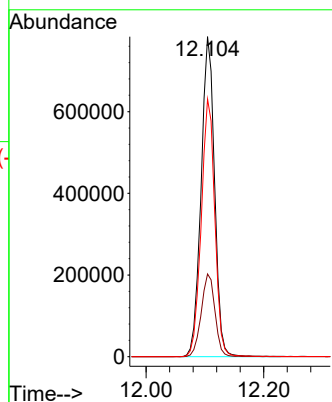
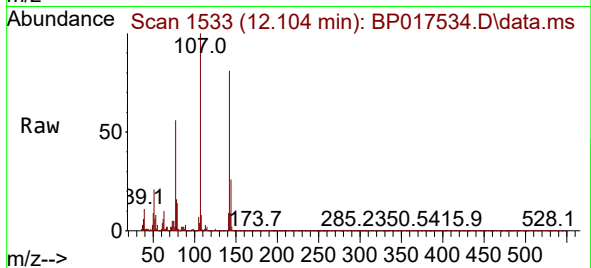




#35
4-Chloro-3-methylphenol
Concen: 161.175 ng/ul
RT: 12.104 min Scan# 1533
Delta R.T. 0.018 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

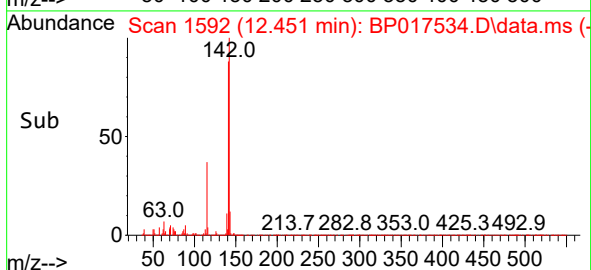
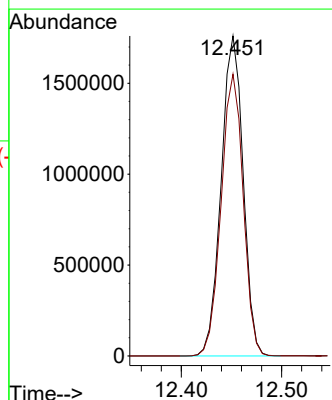
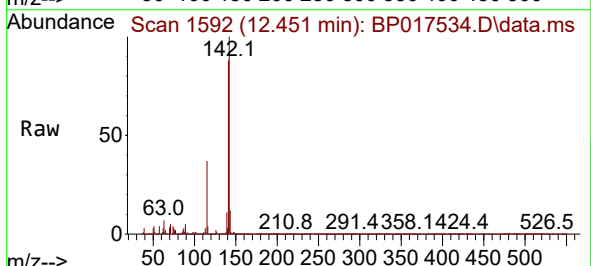
Instrument :
BNA_P
ClientSampleId :
SSTD160629

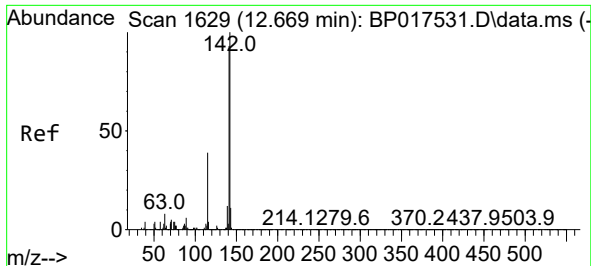
Tgt Ion:107 Resp: 1247145
Ion Ratio Lower Upper
107 100
144 25.9 20.8 31.2
142 80.5 62.3 93.5



#36
2-Methylnaphthalene
Concen: 156.494 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:142 Resp: 2678065
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2





#37

1-Methylnaphthalene

Concen: 155.644 ng/ul

RT: 12.675 min Scan# 1630

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

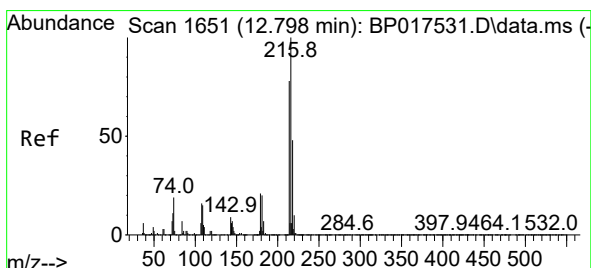
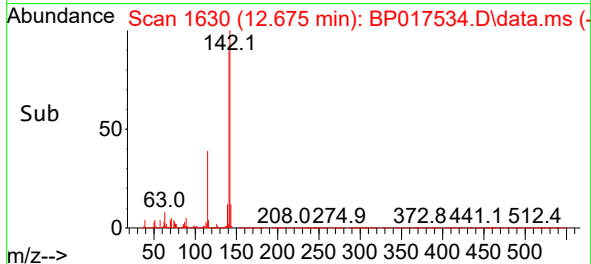
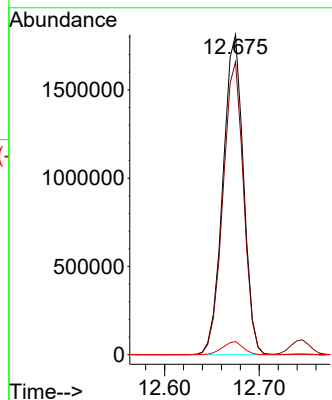
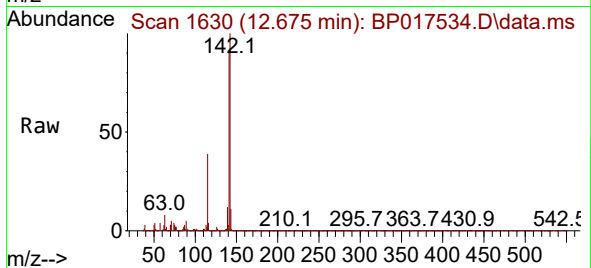
Tgt Ion:142 Resp: 2732725

Ion Ratio Lower Upper

142 100

141 91.5 74.1 111.1

116 4.1 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 157.962 ng/ul

RT: 12.804 min Scan# 1652

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Tgt Ion:216 Resp: 1513842

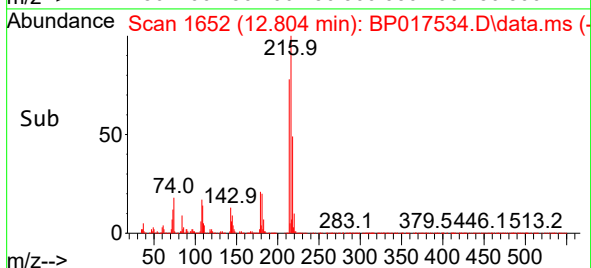
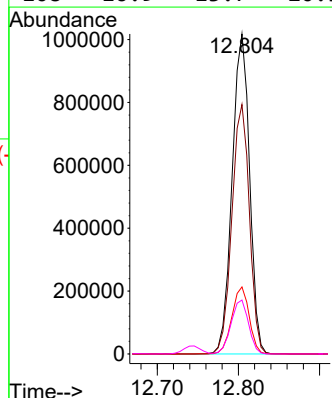
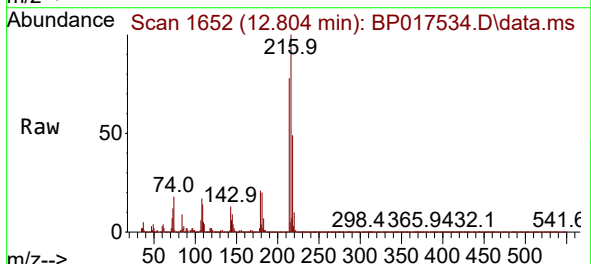
Ion Ratio Lower Upper

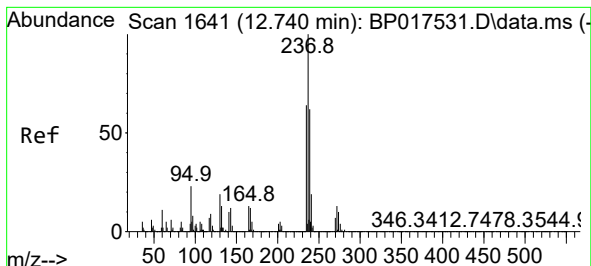
216 100

214 78.0 62.6 94.0

179 20.9 17.1 25.7

108 16.9 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 201.808 ng/ul

RT: 12.746 min Scan# 1641

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

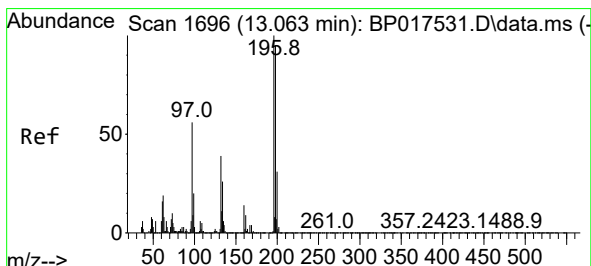
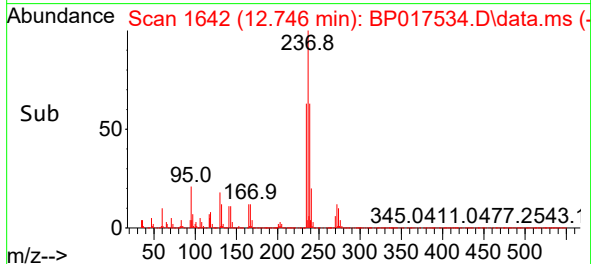
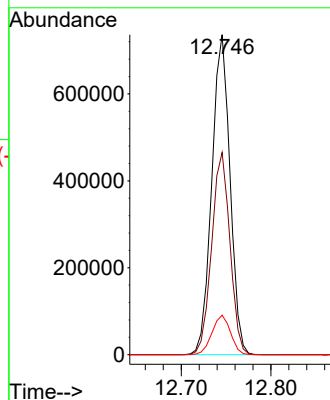
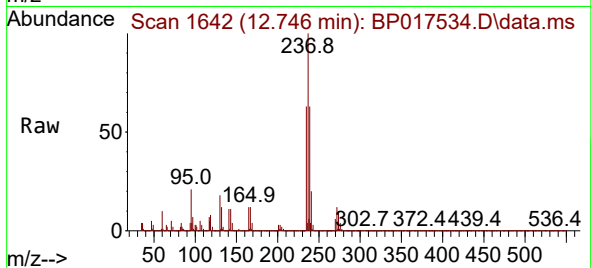
Tgt Ion:237 Resp: 1036648

Ion Ratio Lower Upper

237 100

235 63.2 51.4 77.0

272 12.4 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 167.038 ng/ul

RT: 13.069 min Scan# 1697

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

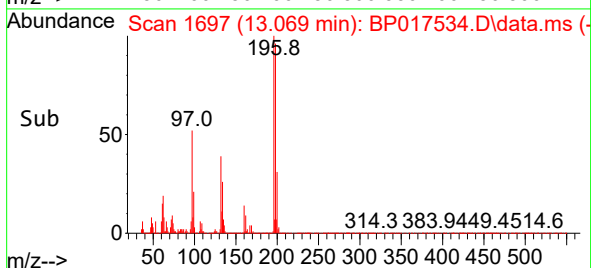
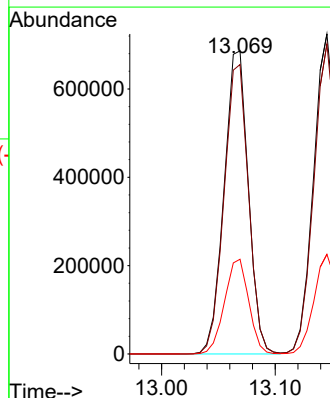
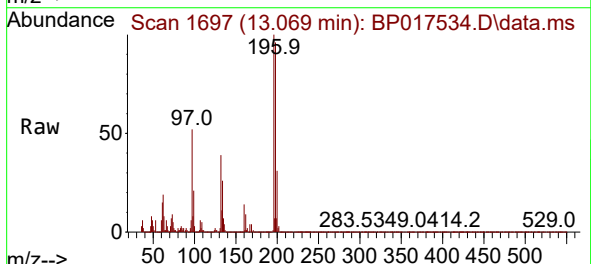
Tgt Ion:196 Resp: 1020199

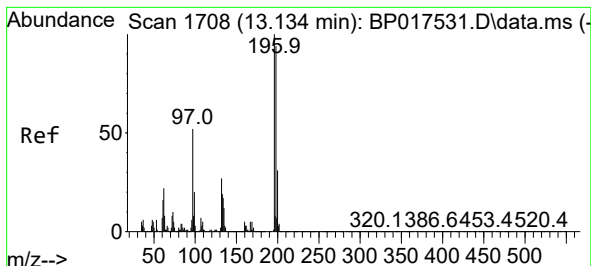
Ion Ratio Lower Upper

196 100

198 95.5 76.3 114.5

200 31.3 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 169.831 ng/ul

RT: 13.146 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

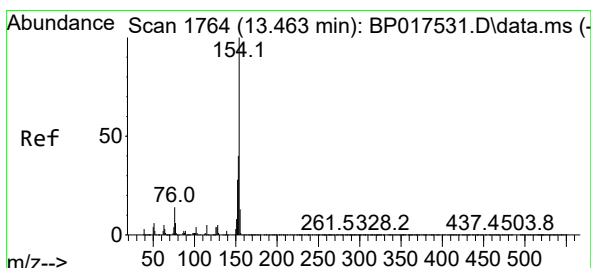
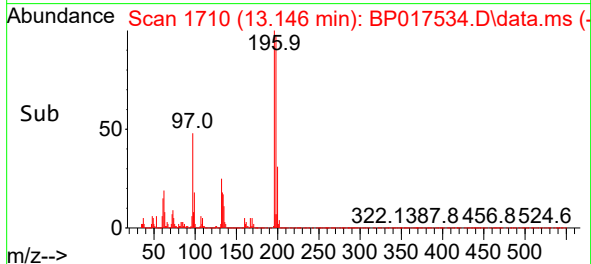
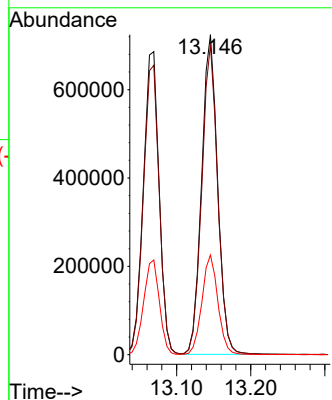
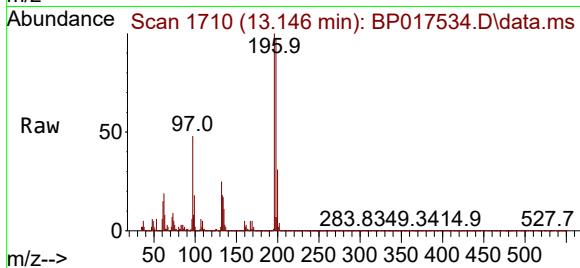
Tgt Ion:196 Resp: 1092178

Ion Ratio Lower Upper

196 100

198 96.9 75.4 113.2

200 31.1 24.9 37.3



#43

1,1'-Biphenyl

Concen: 155.510 ng/ul

RT: 13.469 min Scan# 1765

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

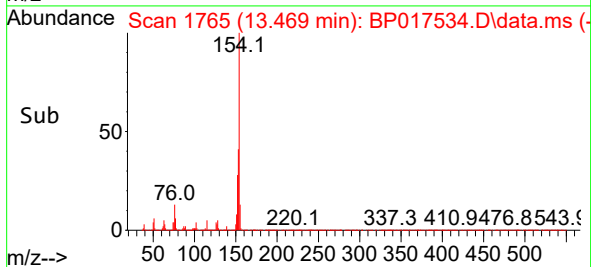
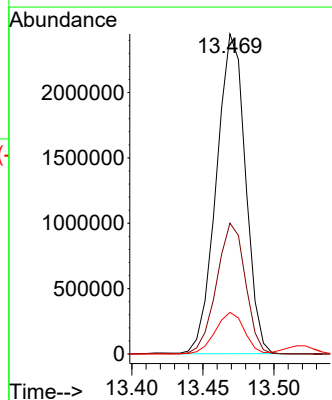
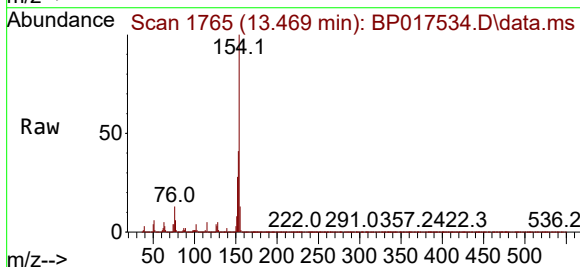
Tgt Ion:154 Resp: 3482181

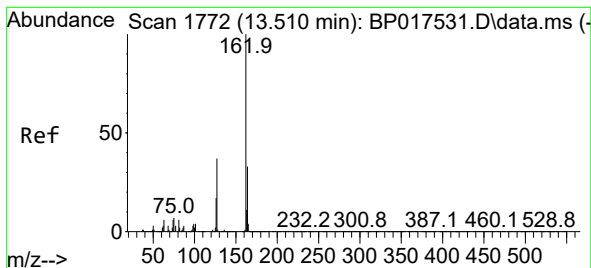
Ion Ratio Lower Upper

154 100

153 40.9 32.2 48.4

76 13.0 11.0 16.4





#44

2-Chloronaphthalene

Concen: 157.531 ng/ul

RT: 13.522 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

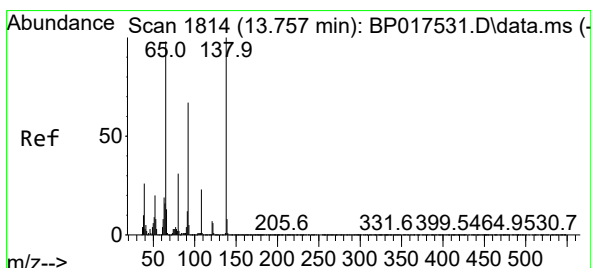
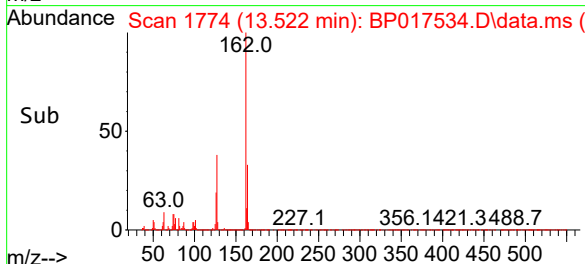
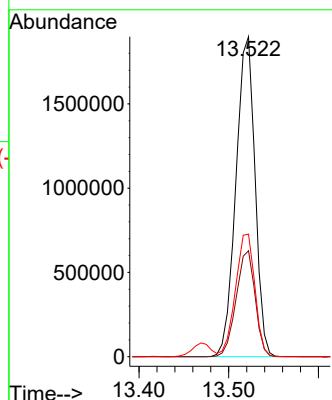
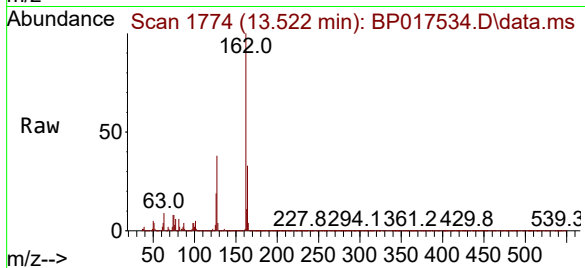
Tgt Ion:162 Resp: 2804541

Ion Ratio Lower Upper

162 100

164 33.1 26.0 39.0

127 38.3 31.2 46.8



#45

2-Nitroaniline

Concen: 174.054 ng/ul

RT: 13.769 min Scan# 1816

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

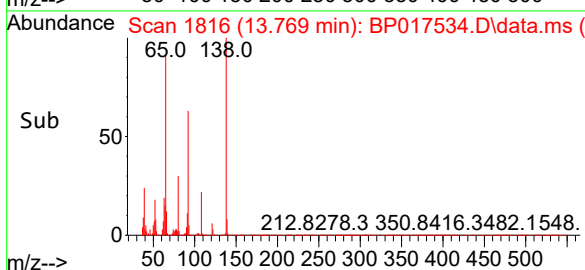
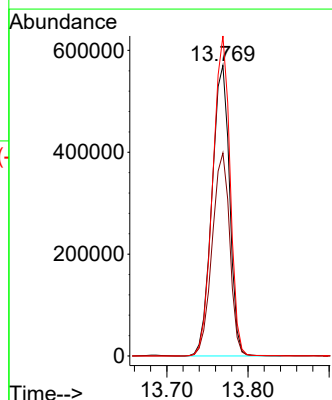
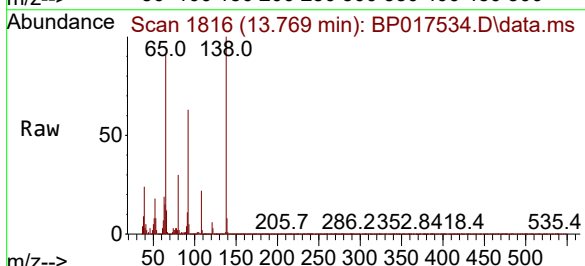
Tgt Ion: 65 Resp: 861052

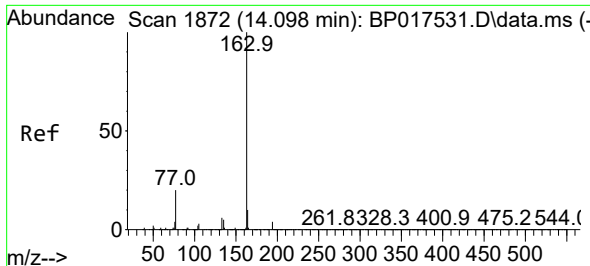
Ion Ratio Lower Upper

65 100

92 69.9 54.7 82.1

138 110.1 81.4 122.2

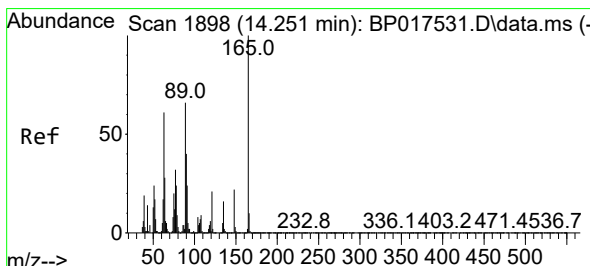
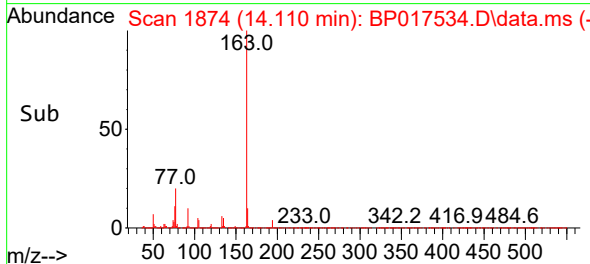
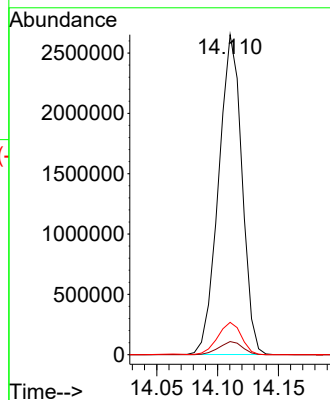
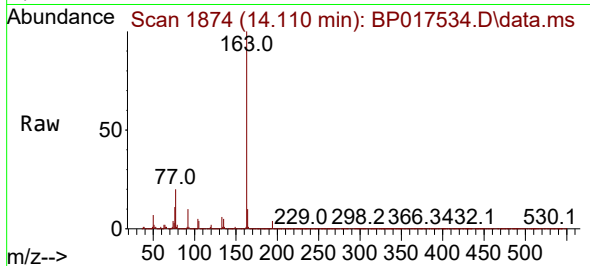




#47
Dimethylphthalate
Concen: 154.607 ng/ul
RT: 14.110 min Scan# 1874
Delta R.T. 0.012 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

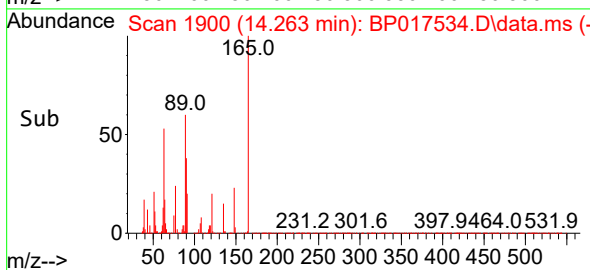
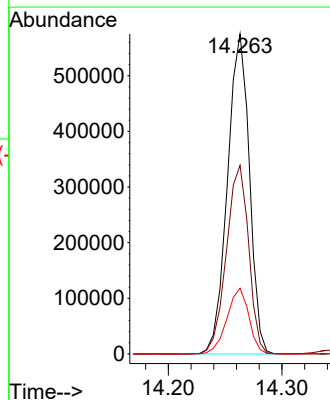
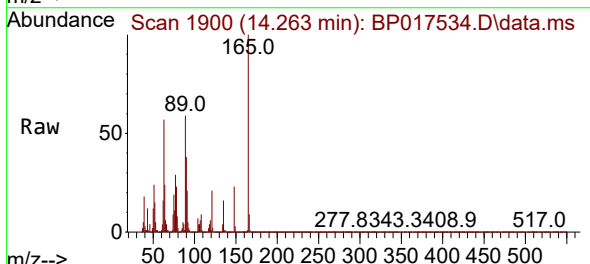
Instrument :
BNA_P
ClientSampleId :
SSTD160629

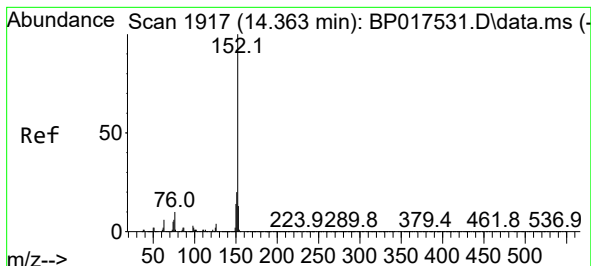
Tgt Ion:163 Resp: 3545634
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 180.167 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. 0.012 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:165 Resp: 769933
Ion Ratio Lower Upper
165 100
89 58.9 52.6 78.8
121 20.5 16.7 25.1





#50

Acenaphthylene

Concen: 157.616 ng/ul

RT: 14.375 min Scan# 1919

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

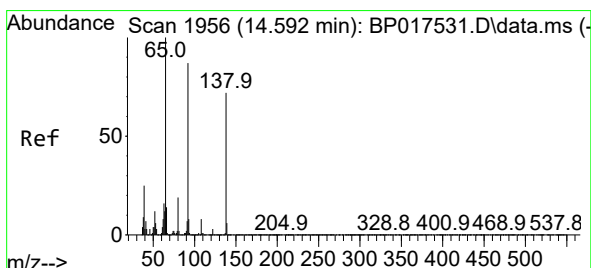
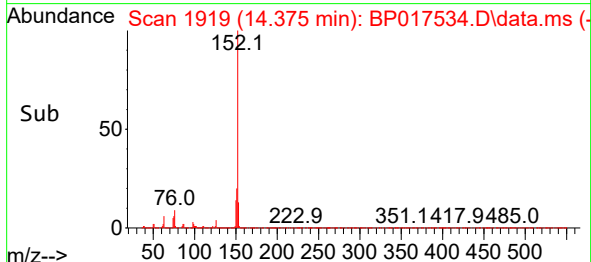
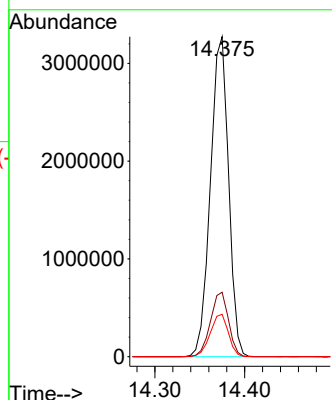
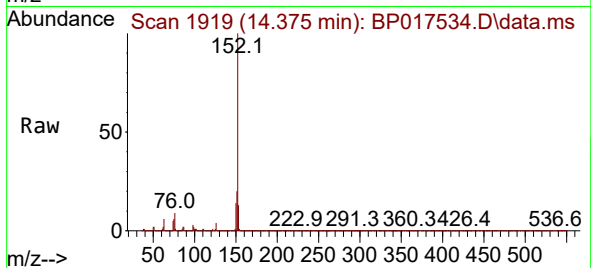
Tgt Ion:152 Resp: 4586031

Ion Ratio Lower Upper

152 100

151 20.1 15.6 23.4

153 13.2 10.5 15.7



#51

3-Nitroaniline

Concen: 147.524 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

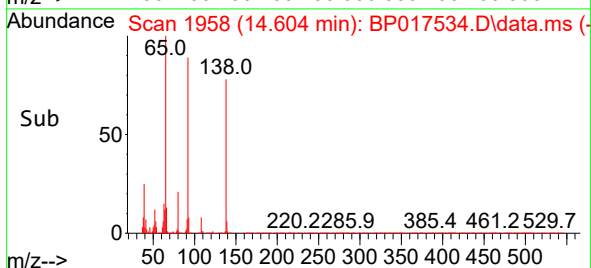
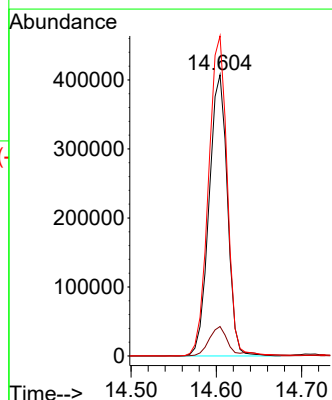
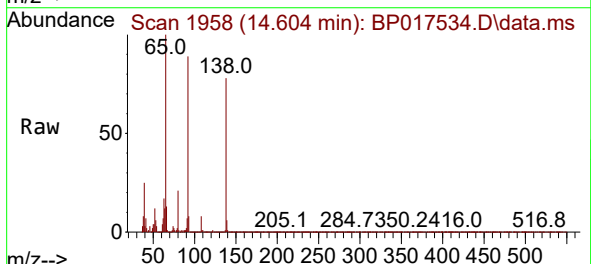
Tgt Ion:138 Resp: 610511

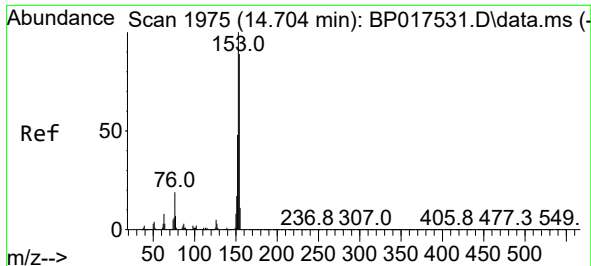
Ion Ratio Lower Upper

138 100

108 10.5 9.3 13.9

92 113.8 96.4 144.6

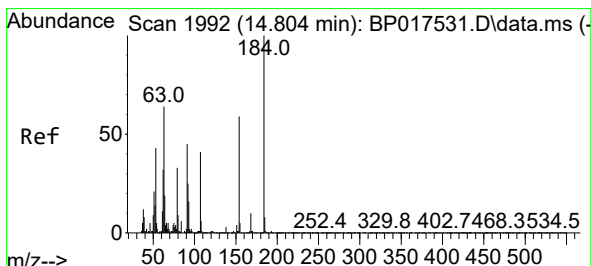
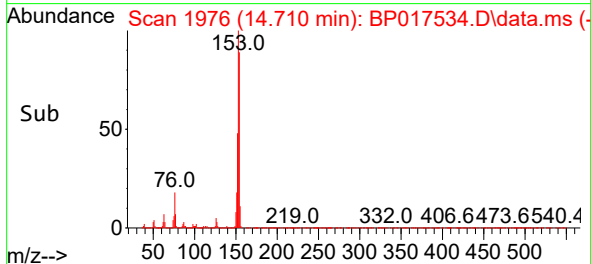
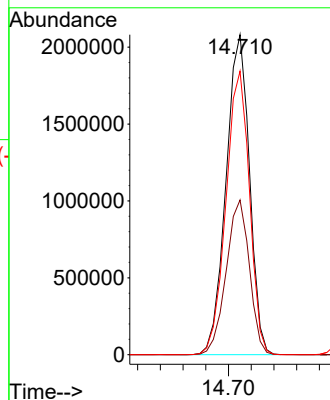
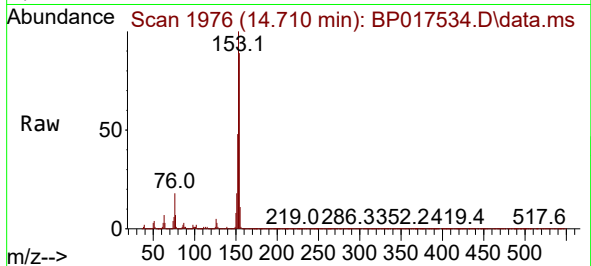




#52
Acenaphthene
Concen: 155.107 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

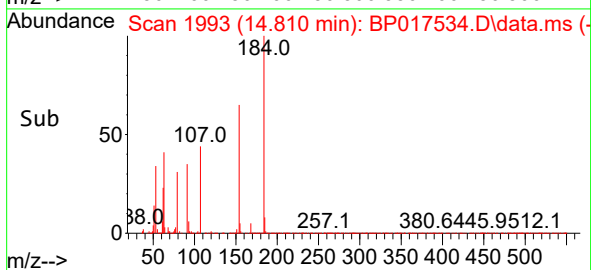
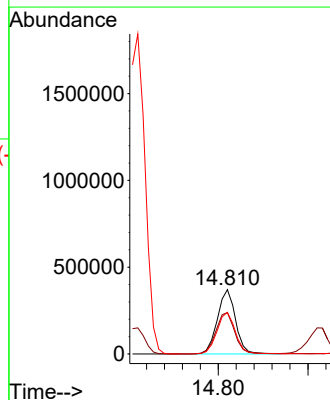
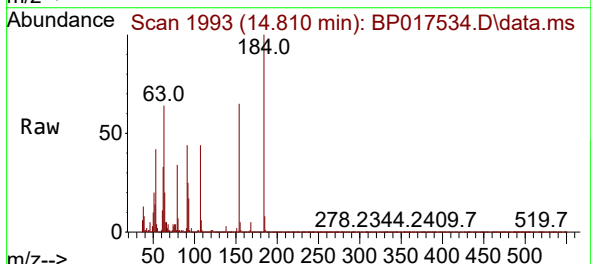
Instrument :
BNA_P
ClientSampleId :
SSTD160629

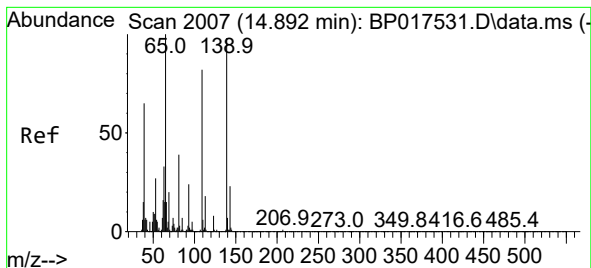
Tgt Ion:153 Resp: 2978906
Ion Ratio Lower Upper
153 100
152 48.3 38.3 57.5
154 88.6 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 221.647 ng/ul
RT: 14.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:184 Resp: 520571
Ion Ratio Lower Upper
184 100
63 64.4 51.1 76.7
154 64.7 47.5 71.3

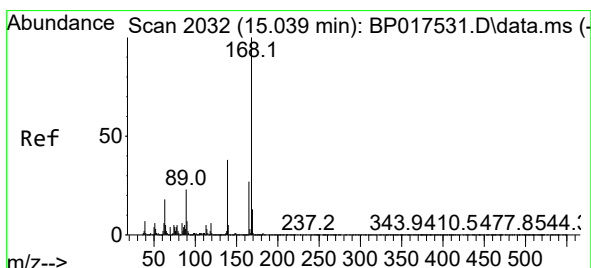
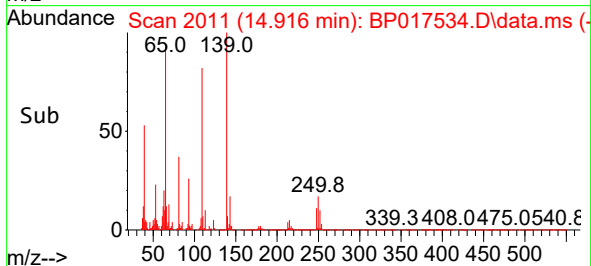
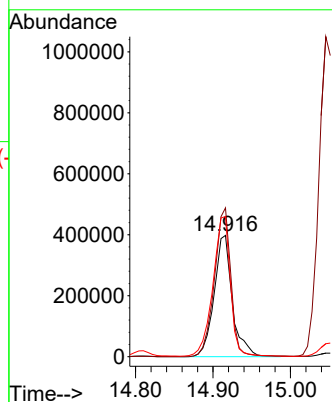
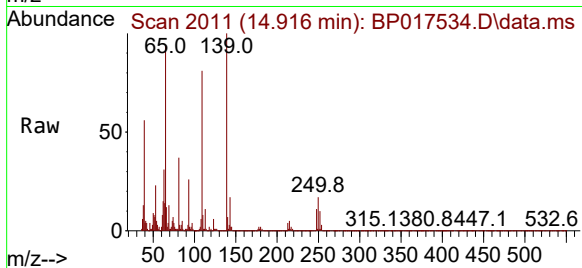




#55
4-Nitrophenol
Concen: 187.224 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. 0.024 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

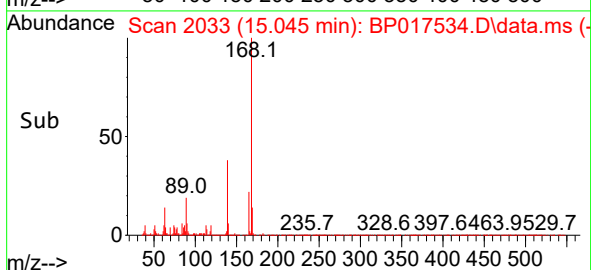
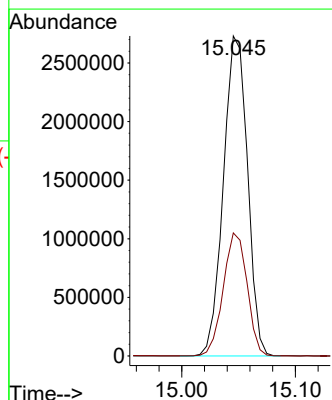
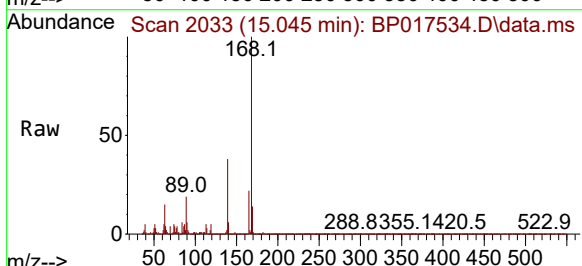
Instrument :
BNA_P
ClientSampleId :
SSTD160629

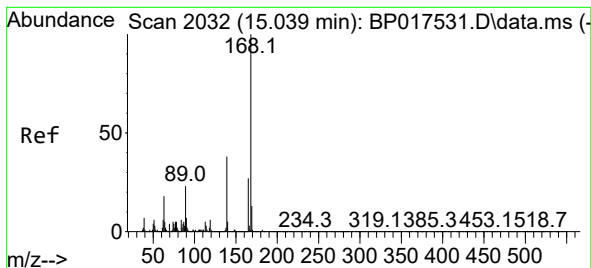
Tgt Ion:109 Resp: 649658
Ion Ratio Lower Upper
109 100
139 122.7 95.5 143.3
65 115.6 97.9 146.9



#56
Dibenzofuran
Concen: 148.980 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:168 Resp: 4026890
Ion Ratio Lower Upper
168 100
139 38.4 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 171.753 ng/ul

RT: 15.051 min Scan# 2032

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

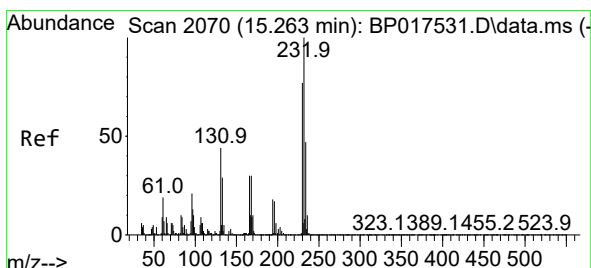
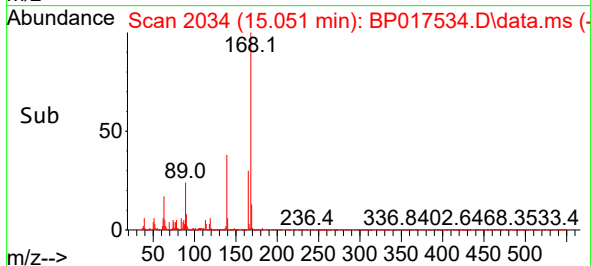
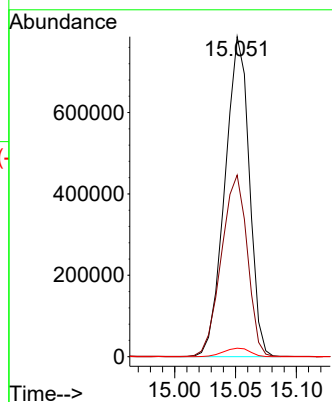
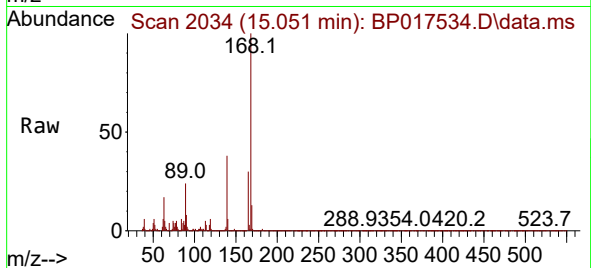
Tgt Ion:165 Resp: 1095499

Ion Ratio Lower Upper

165 100

63 56.7 53.4 80.0

182 2.6 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 165.220 ng/ul

RT: 15.269 min Scan# 2071

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Tgt Ion:232 Resp: 940425

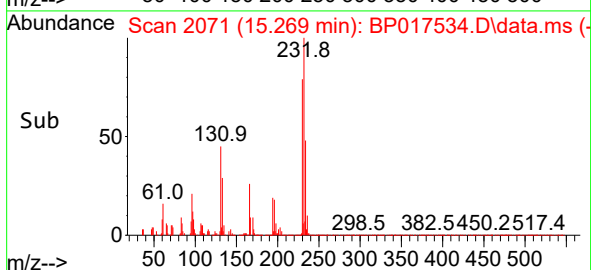
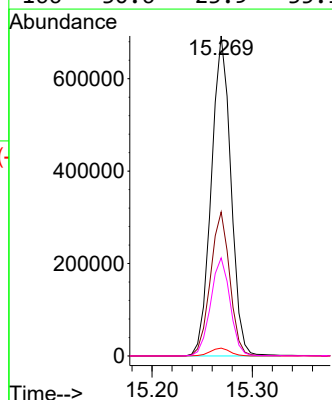
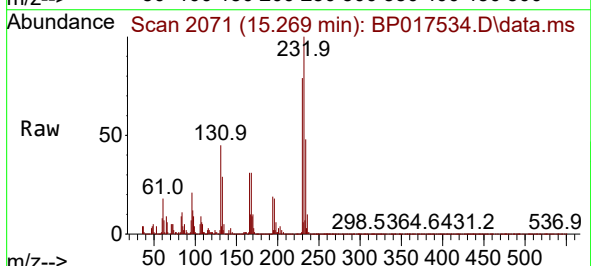
Ion Ratio Lower Upper

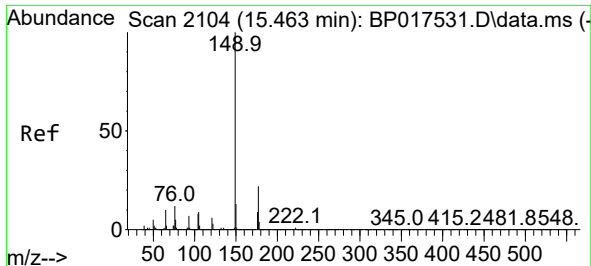
232 100

131 45.0 35.0 52.6

130 2.5 1.9 2.9

166 30.6 23.9 35.9

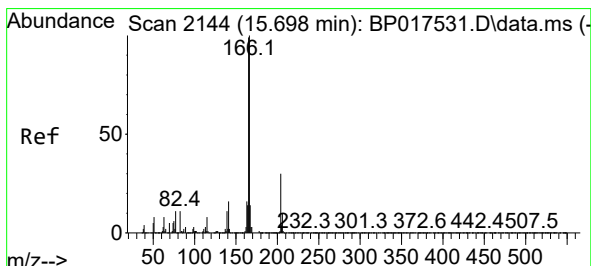
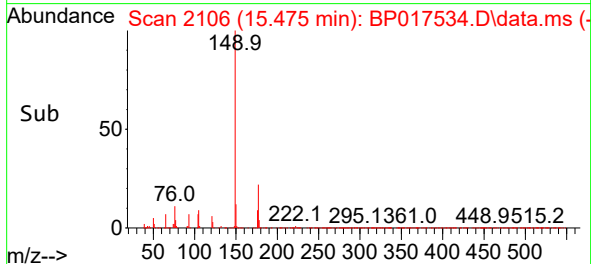
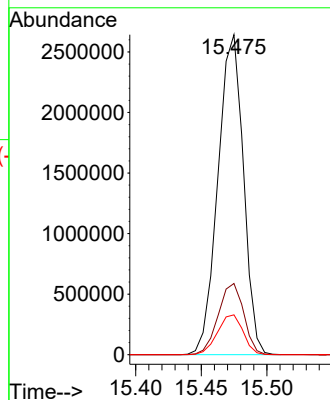
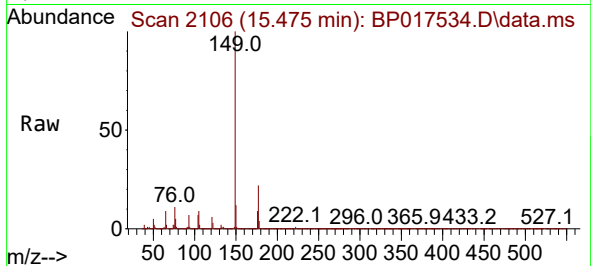




#59
Diethylphthalate
Concen: 155.054 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. 0.012 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

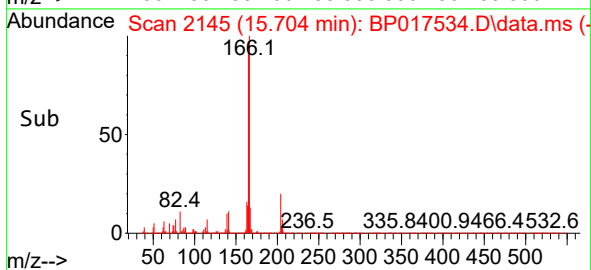
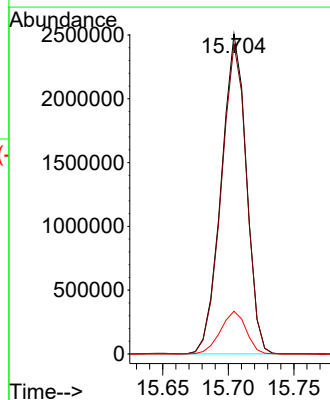
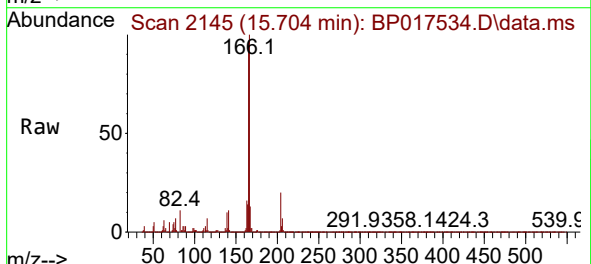
Instrument :
BNA_P
ClientSampleId :
SSTD160629

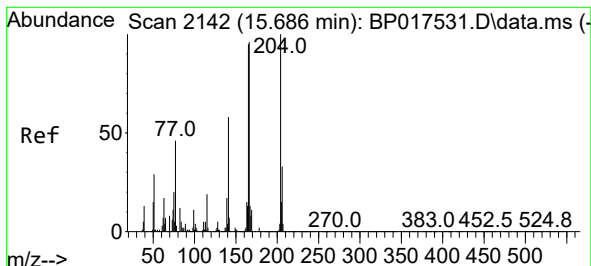
Tgt Ion:149 Resp: 3566717
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.4 10.2 15.4



#61
Fluorene
Concen: 149.325 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:166 Resp: 3333490
Ion Ratio Lower Upper
166 100
165 96.9 78.9 118.3
167 13.3 11.0 16.4

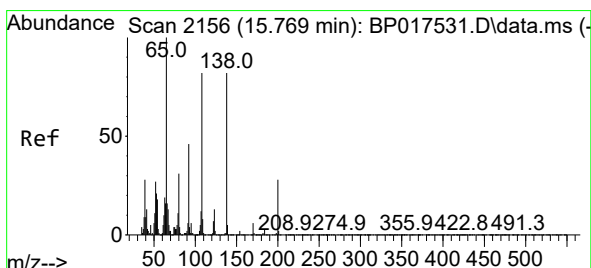
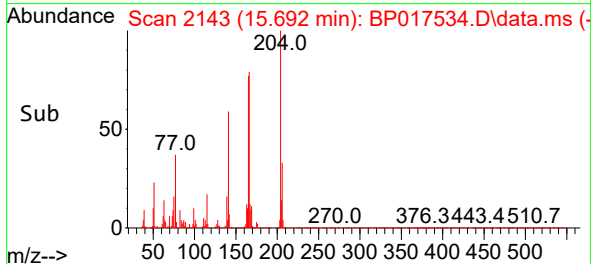
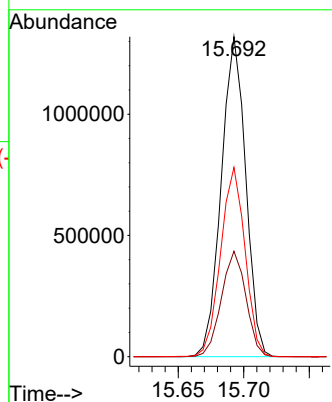
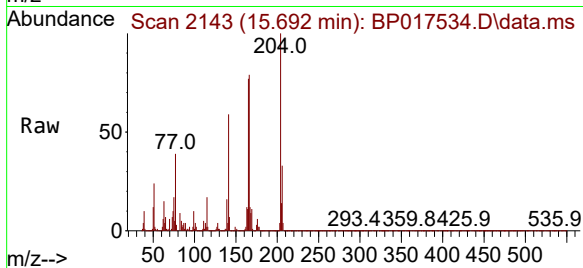




#62
4-Chlorophenyl-phenylether
Concen: 149.532 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

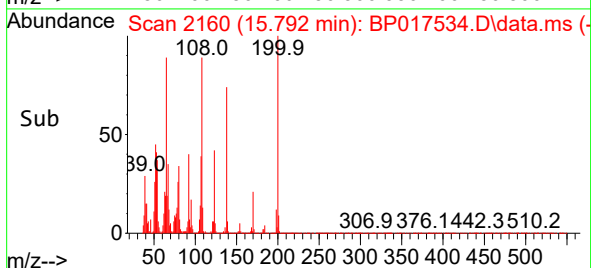
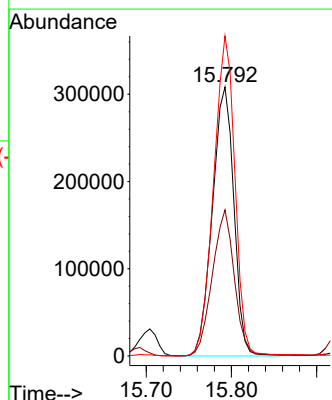
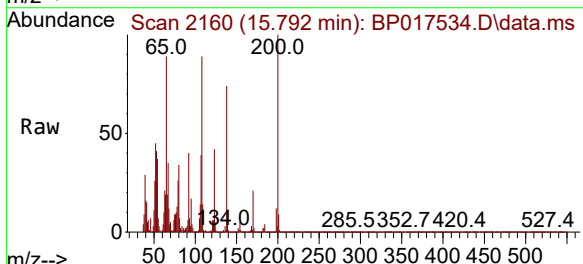
Instrument :
BNA_P
ClientSampleId :
SSTD160629

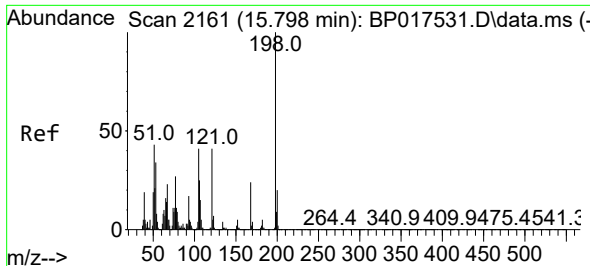
Tgt Ion:204 Resp: 1710043
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 59.2 46.9 70.3



#63
4-Nitroaniline
Concen: 137.056 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. 0.024 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:138 Resp: 540292
Ion Ratio Lower Upper
138 100
92 54.3 44.8 67.2
108 119.0 79.7 119.5

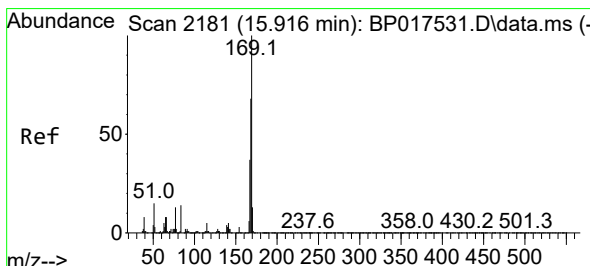
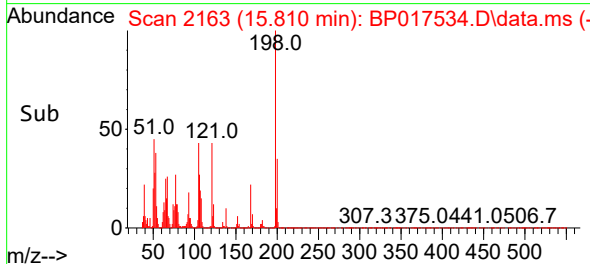
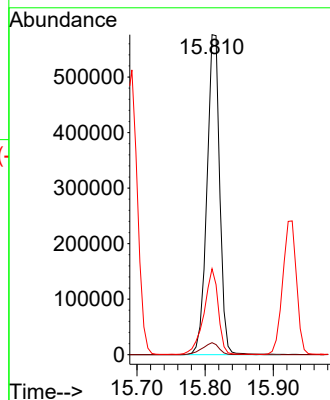
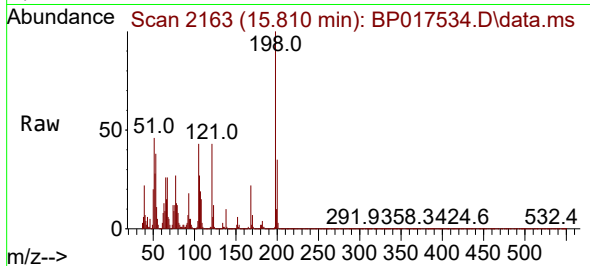




#66
4,6-Dinitro-2-methylphenol
Concen: 174.608 ng/ul
RT: 15.810 min Scan# 2163
Delta R.T. 0.012 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

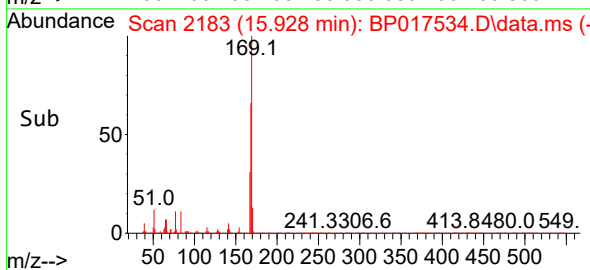
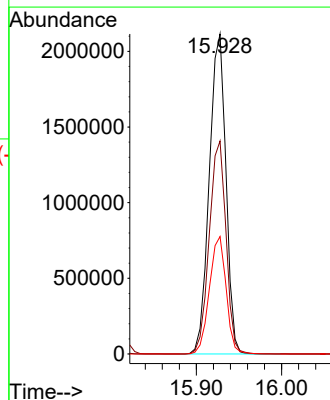
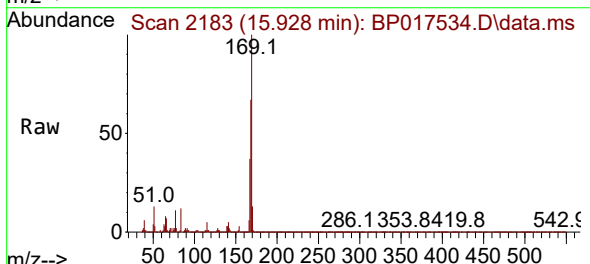
Instrument :
BNA_P
ClientSampleId :
SSTD160629

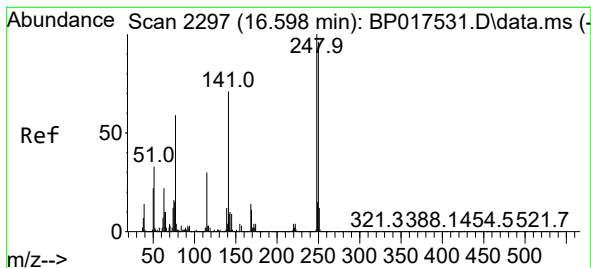
Tgt Ion:198 Resp: 751365
Ion Ratio Lower Upper
198 100
182 3.7 4.2 6.2#
77 26.8 21.6 32.4



#67
N-Nitrosodiphenylamine
Concen: 155.704 ng/ul
RT: 15.928 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:169 Resp: 2864304
Ion Ratio Lower Upper
169 100
168 66.6 54.3 81.5
167 36.7 29.7 44.5

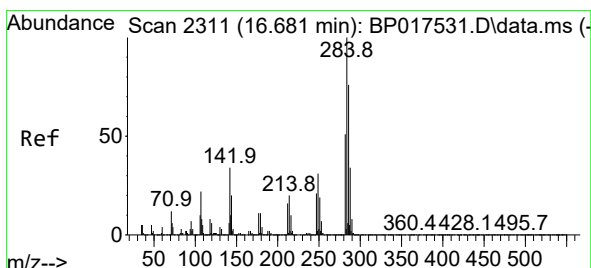
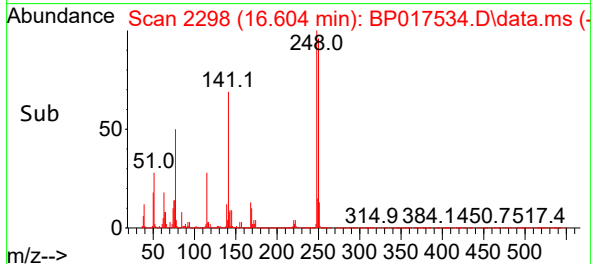
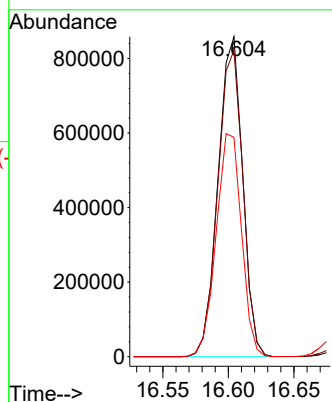
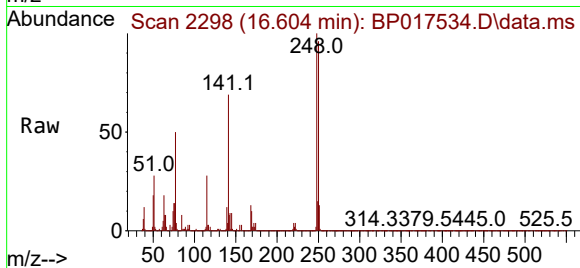




#68
4-Bromophenyl-phenylether
Concen: 160.611 ng/ul
RT: 16.604 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

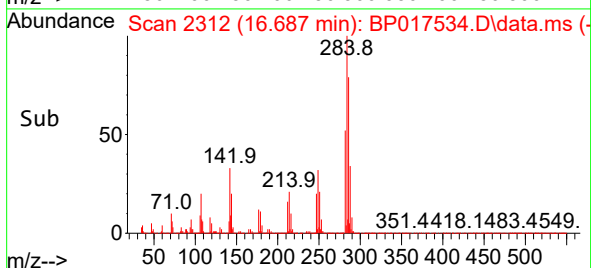
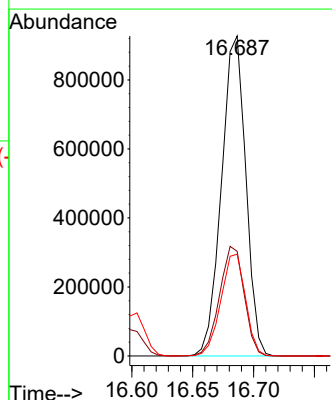
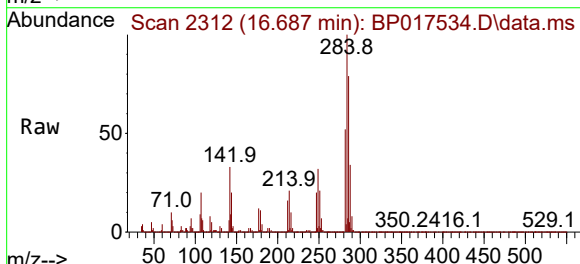
Instrument :
BNA_P
ClientSampleId :
SSTD160629

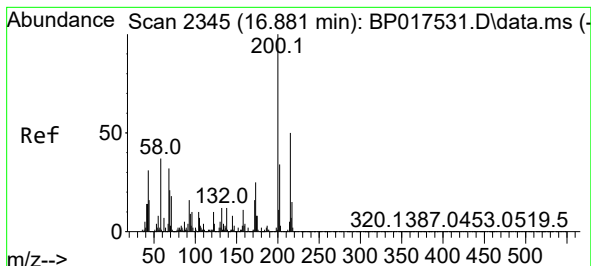
Tgt Ion:248 Resp: 1118619
Ion Ratio Lower Upper
248 100
250 95.7 77.0 115.6
141 68.5 57.1 85.7



#69
Hexachlorobenzene
Concen: 157.301 ng/ul
RT: 16.687 min Scan# 2312
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:284 Resp: 1290209
Ion Ratio Lower Upper
284 100
142 32.7 27.0 40.6
249 31.8 24.6 36.8





#70

Atrazine

Concen: 156.959 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

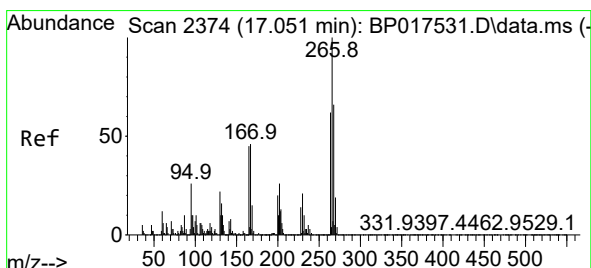
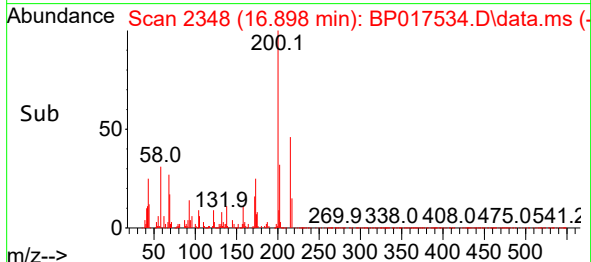
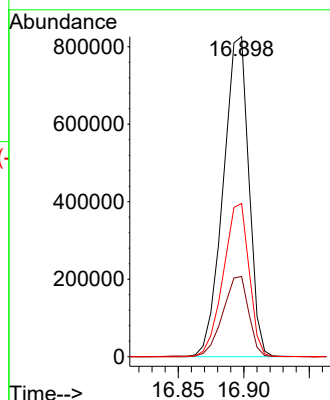
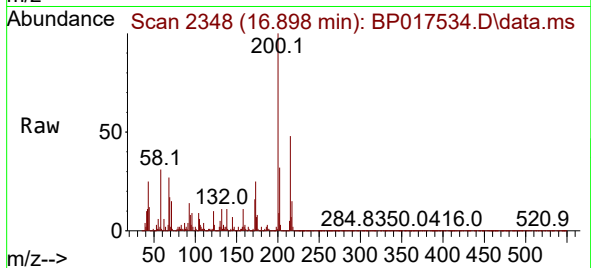
Tgt Ion:200 Resp: 1121367

Ion Ratio Lower Upper

200 100

173 25.0 20.6 30.8

215 47.8 40.1 60.1



#71

Pentachlorophenol

Concen: 169.440 ng/ul

RT: 17.057 min Scan# 2375

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

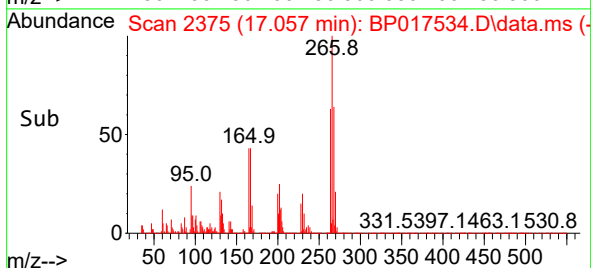
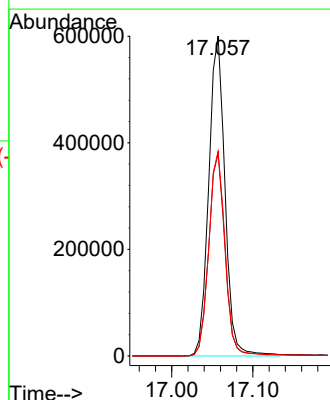
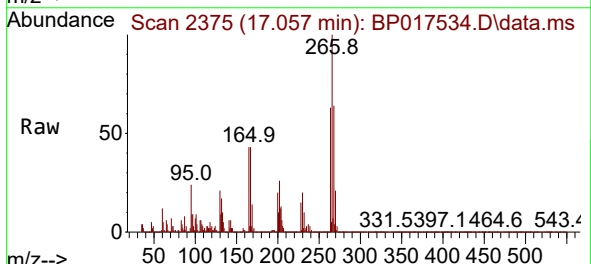
Tgt Ion:266 Resp: 831510

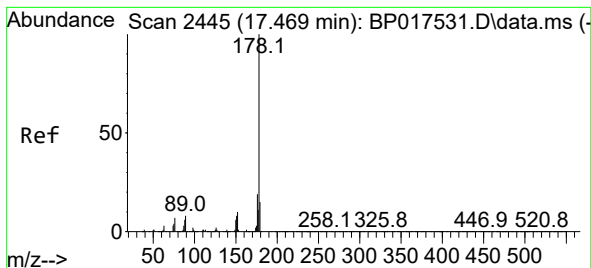
Ion Ratio Lower Upper

266 100

264 63.3 49.6 74.4

268 64.0 53.0 79.6





#72

Phenanthrene

Concen: 153.221 ng/ul

RT: 17.475 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

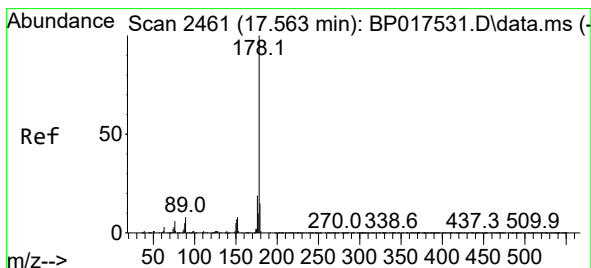
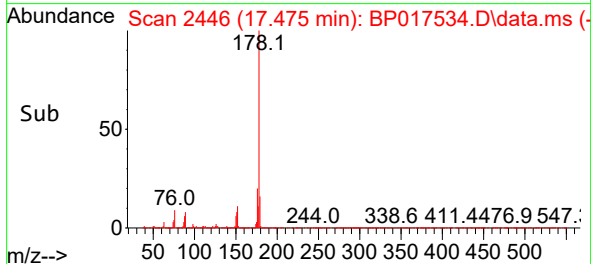
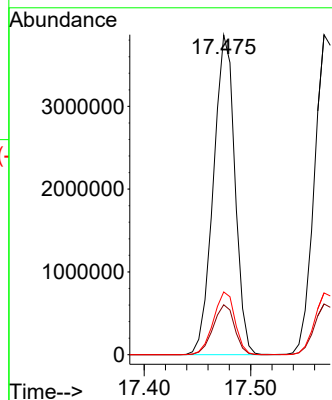
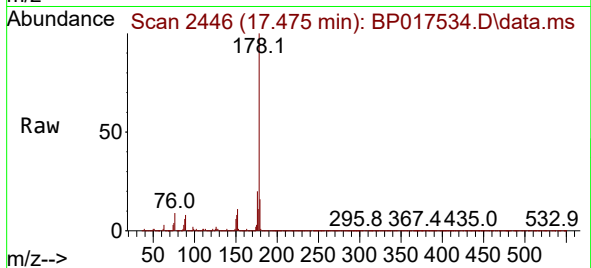
Tgt Ion:178 Resp: 5417660

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.6 15.2 22.8



#74

Anthracene

Concen: 153.139 ng/ul

RT: 17.569 min Scan# 2462

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

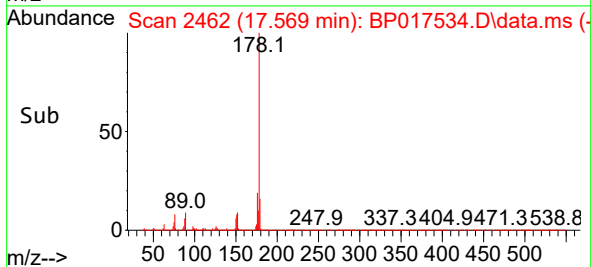
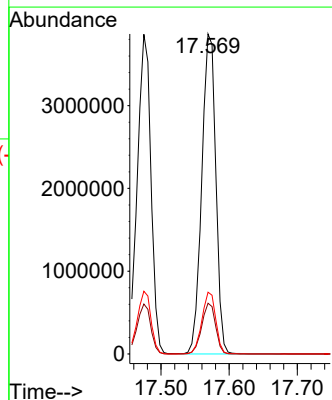
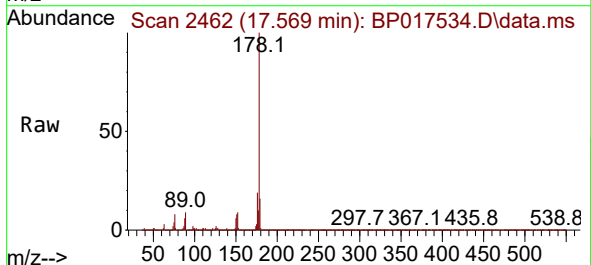
Tgt Ion:178 Resp: 5518891

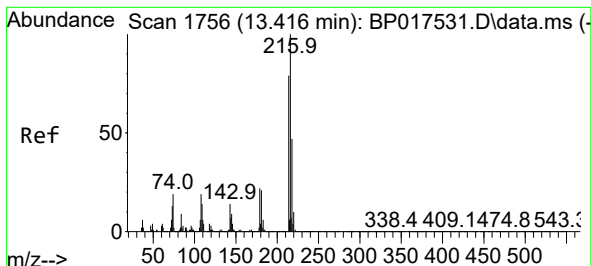
Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 19.3 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 158.225 ng/uL

RT: 13.422 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

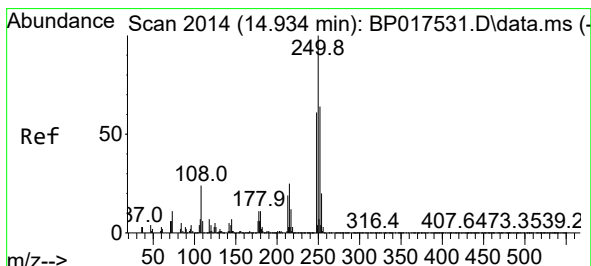
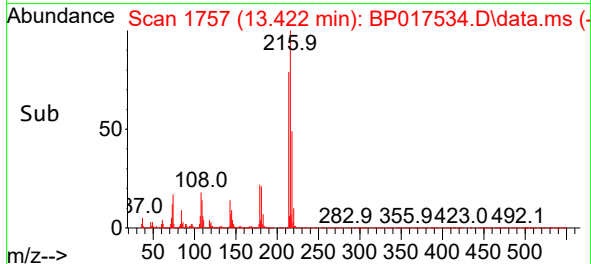
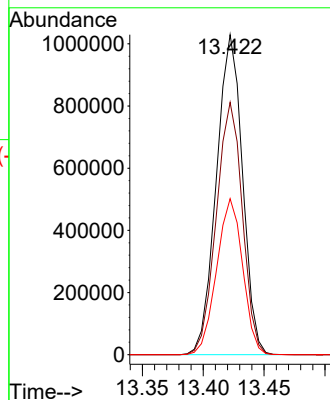
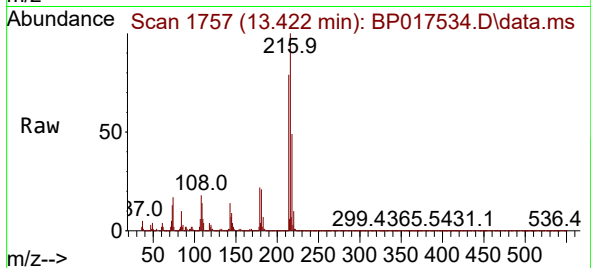
Tgt Ion:216 Resp: 1536580

Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

218 48.8 38.0 57.0



#76

Pentachlorobenzene

Concen: 154.336 ng/uL

RT: 14.940 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

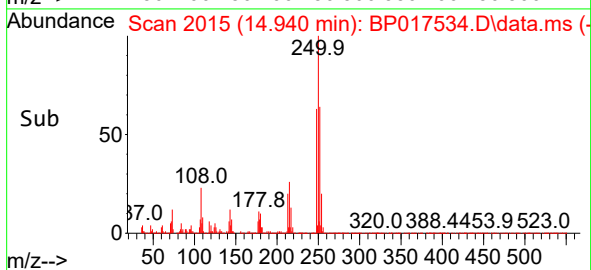
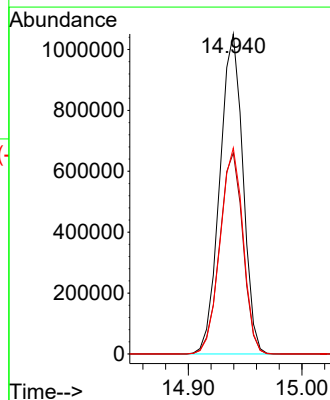
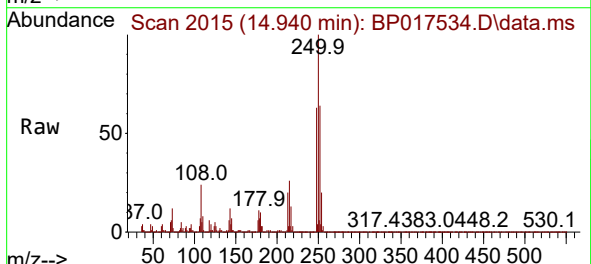
Tgt Ion:250 Resp: 1487809

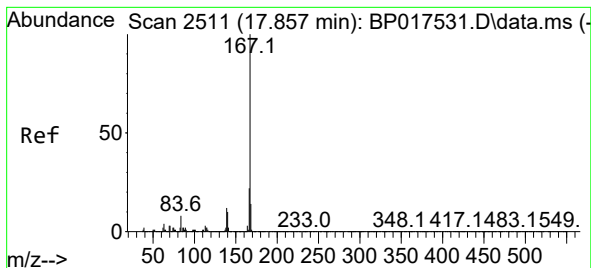
Ion Ratio Lower Upper

250 100

248 62.8 49.1 73.7

252 64.4 51.4 77.2





#77

Carbazole

Concen: 151.838 ng/ul

RT: 17.863 min Scan# 2511

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

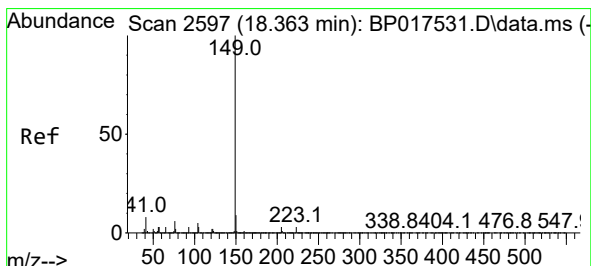
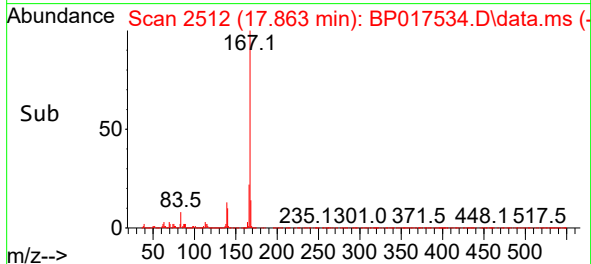
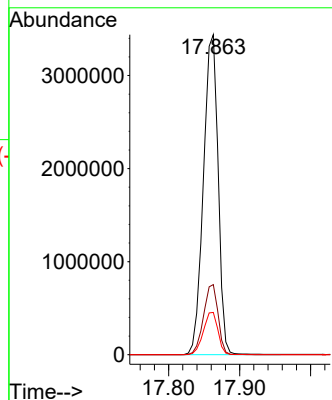
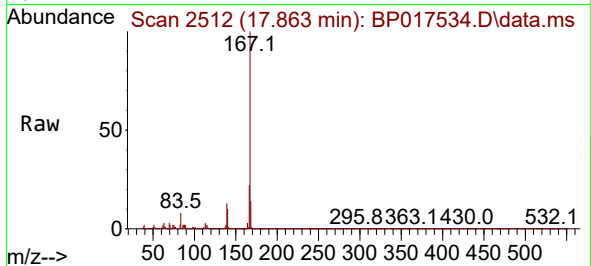
Tgt Ion:167 Resp: 4964301

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.2 9.8 14.6



#78

Di-n-butylphthalate

Concen: 158.943 ng/ul

RT: 18.369 min Scan# 2598

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

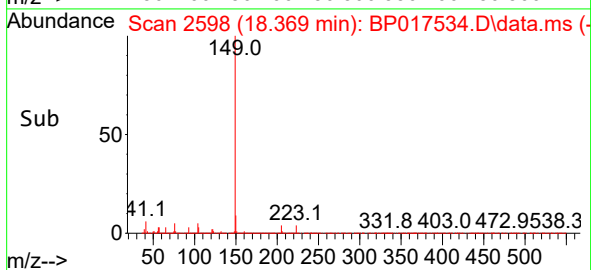
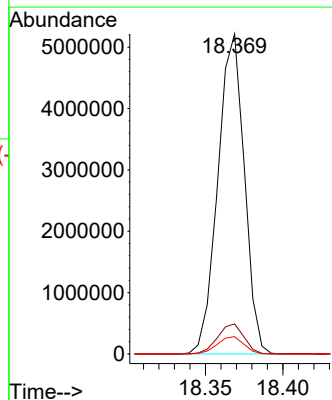
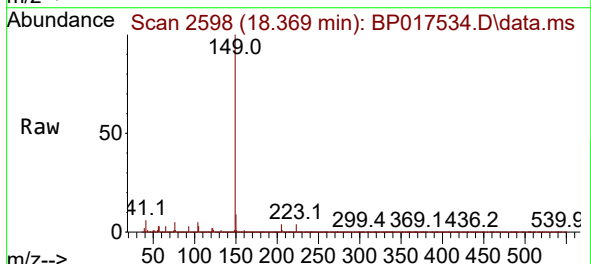
Tgt Ion:149 Resp: 6199447

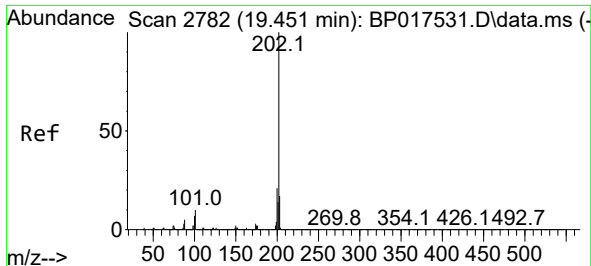
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.4 4.3 6.5

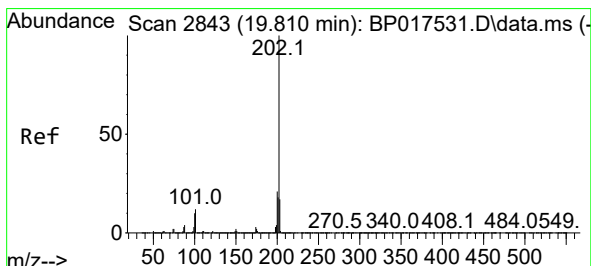
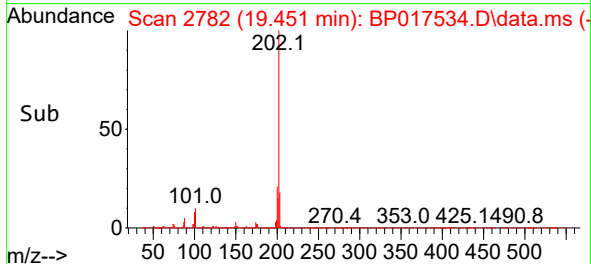
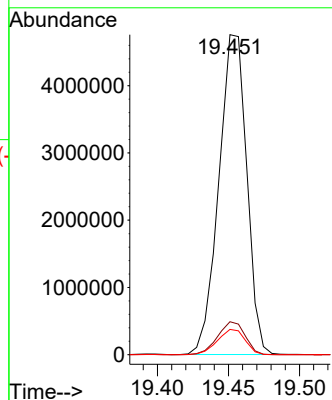
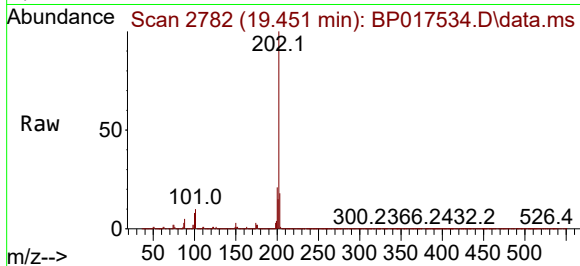




#80
Fluoranthene
Concen: 158.158 ng/ul
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

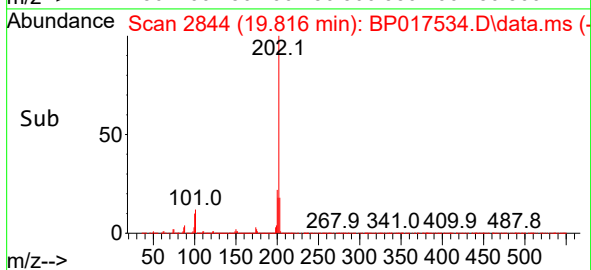
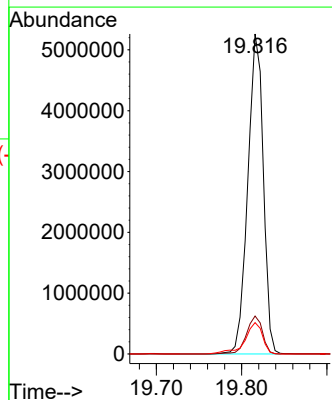
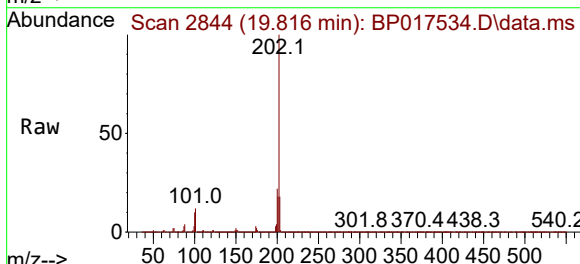
Instrument :
BNA_P
ClientSampleId :
SSTD160629

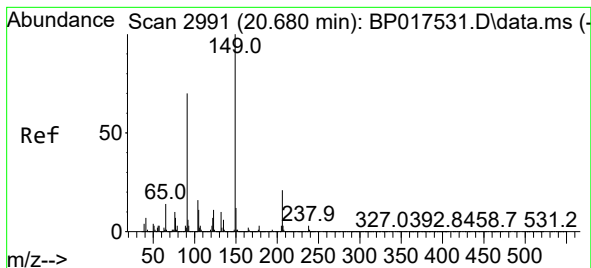
Tgt Ion:202 Resp: 6514624
Ion Ratio Lower Upper
202 100
101 10.3 8.1 12.1
100 7.9 5.9 8.9



#82
Pyrene
Concen: 152.878 ng/ul
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP017534.D
Acq: 04 Oct 2023 15:55

Tgt Ion:202 Resp: 6644210
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.8 8.1 12.1





#83

Butylbenzylphthalate

Concen: 171.898 ng/ul

RT: 20.680 min Scan# 2991

Delta R.T. 0.000 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

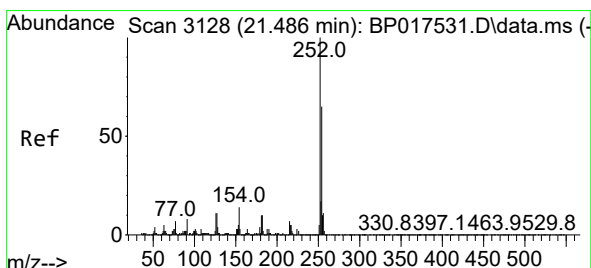
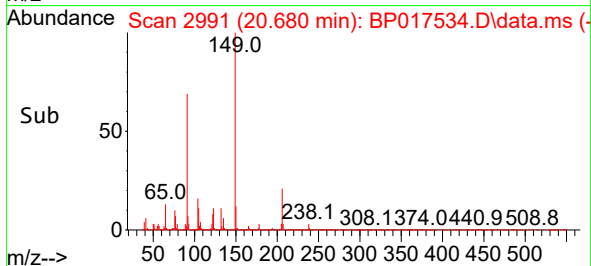
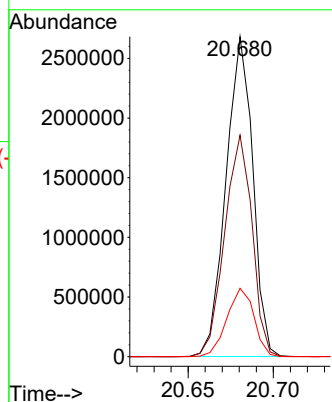
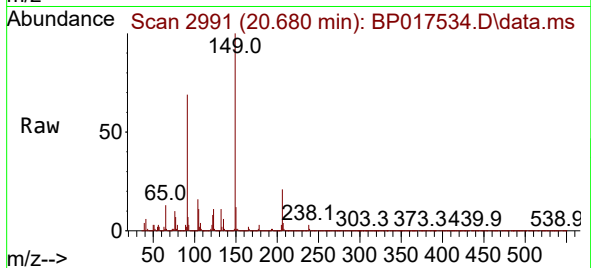
Tgt Ion:149 Resp: 2933954

Ion Ratio Lower Upper

149 100

91 69.2 55.8 83.8

206 21.4 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 157.508 ng/ul

RT: 21.492 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

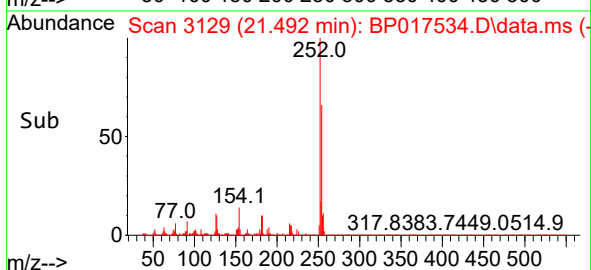
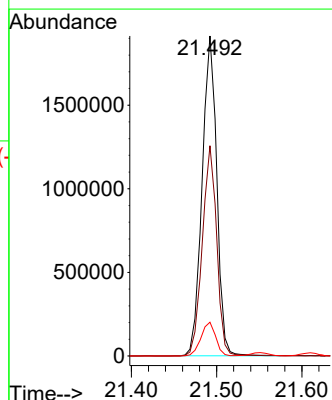
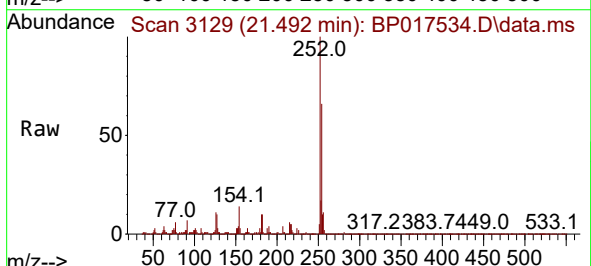
Tgt Ion:252 Resp: 2284413

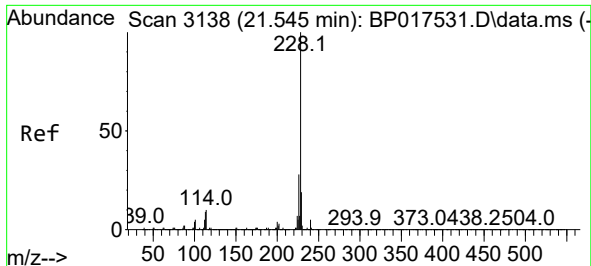
Ion Ratio Lower Upper

252 100

254 65.7 52.0 78.0

126 10.5 8.6 12.8

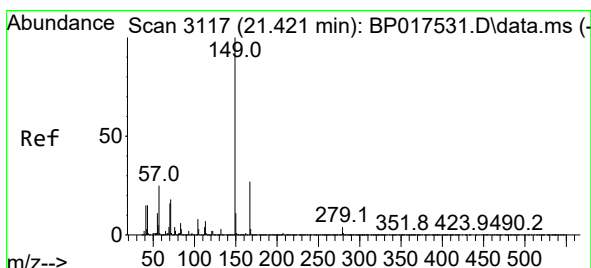
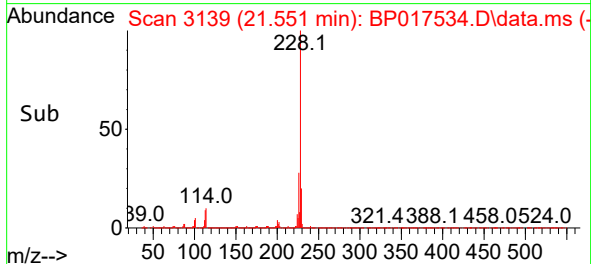
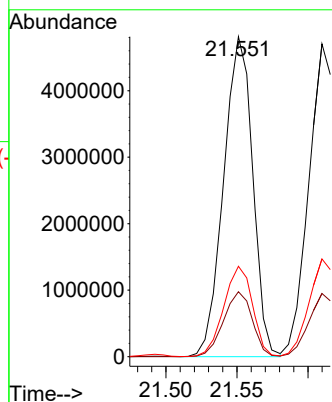
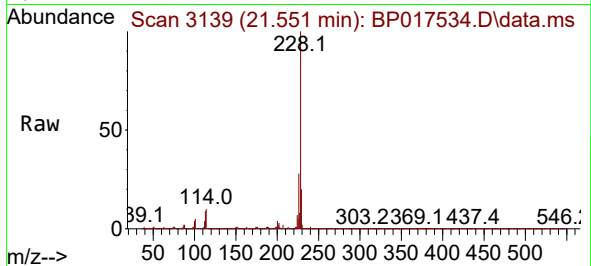




#85
 Benzo(a)anthracene
 Concen: 153.910 ng/ul
 RT: 21.551 min Scan# 3138
 Delta R.T. 0.006 min
 Lab File: BP017534.D
 Acq: 04 Oct 2023 15:55

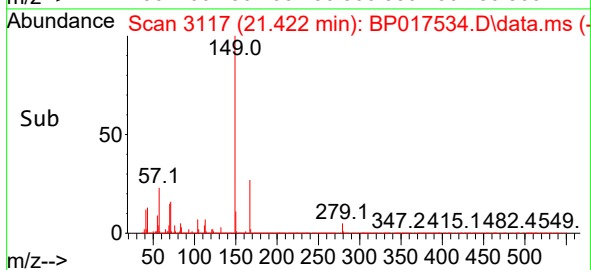
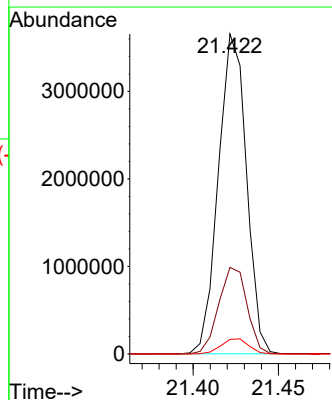
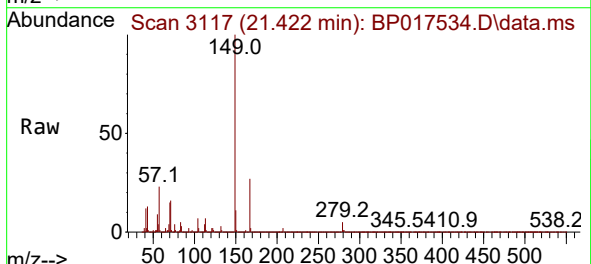
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160629

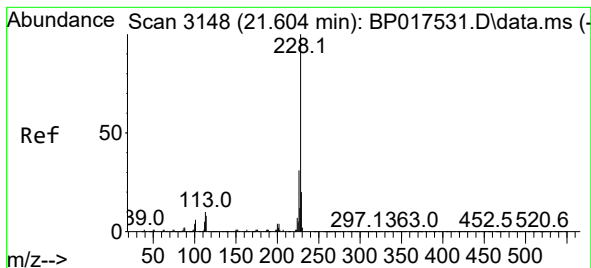
Tgt Ion:228 Resp: 6861293
 Ion Ratio Lower Upper
 228 100
 229 20.3 15.6 23.4
 226 28.2 22.3 33.5



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 170.182 ng/ul
 RT: 21.422 min Scan# 3117
 Delta R.T. 0.000 min
 Lab File: BP017534.D
 Acq: 04 Oct 2023 15:55

Tgt Ion:149 Resp: 4186756
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.6 32.4
 279 4.6 3.4 5.0





#87

Chrysene

Concen: 151.777 ng/ul

RT: 21.610 min Scan# 3148

Delta R.T. 0.006 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

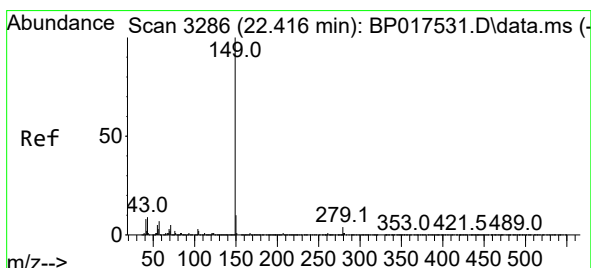
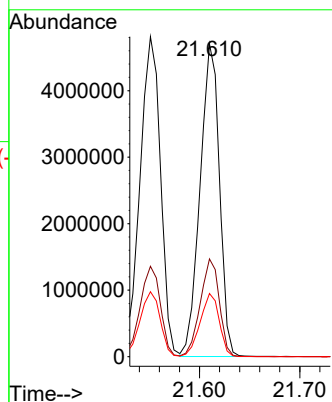
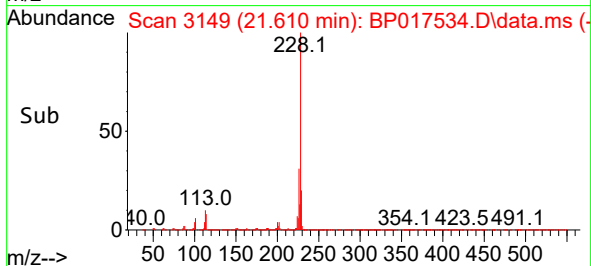
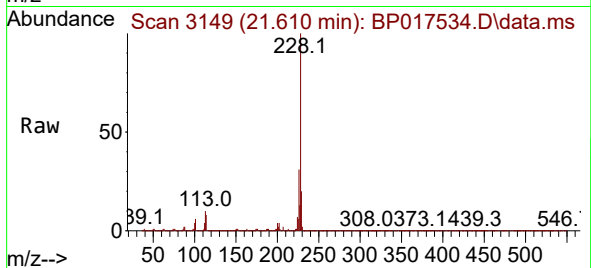
Tgt Ion:228 Resp: 6324631

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 20.2 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 167.407 ng/ul

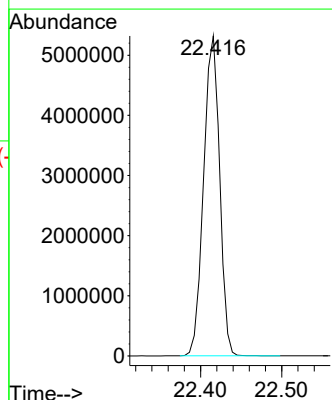
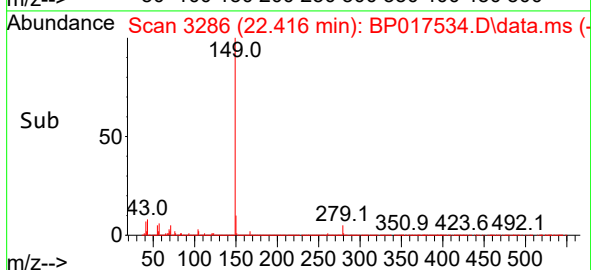
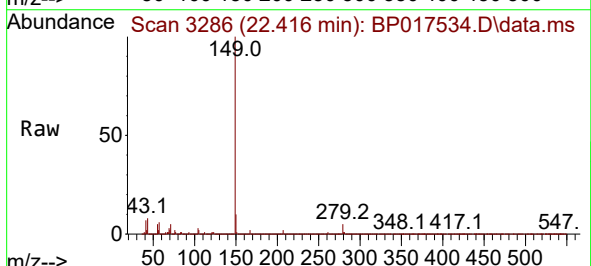
RT: 22.416 min Scan# 3286

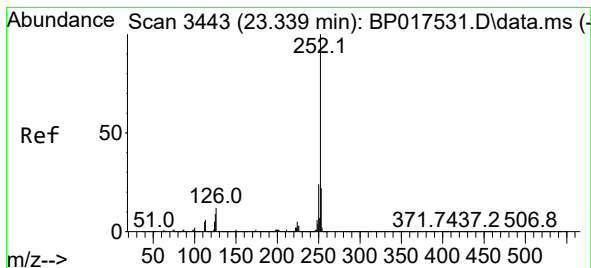
Delta R.T. 0.000 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Tgt Ion:149 Resp: 7276281





#90

Benzo(b)fluoranthene

Concen: 164.284 ng/ul

RT: 23.351 min Scan# 3443

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

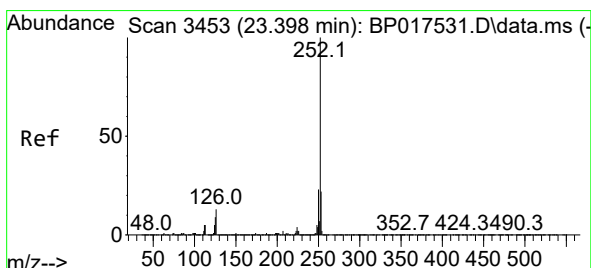
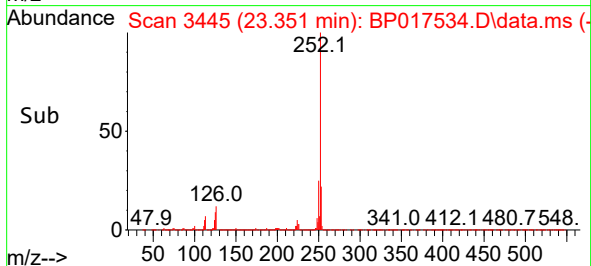
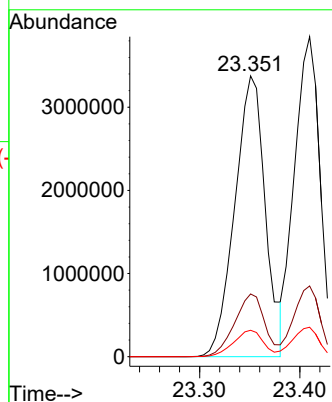
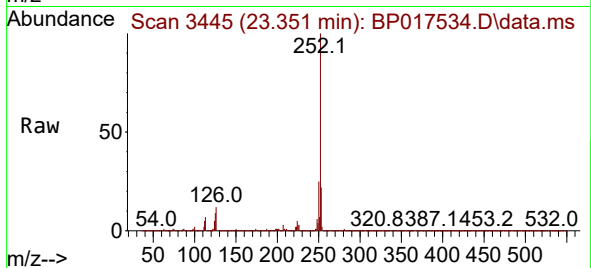
Tgt Ion:252 Resp: 7151380

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 9.4 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 156.135 ng/ul

RT: 23.410 min Scan# 3455

Delta R.T. 0.012 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

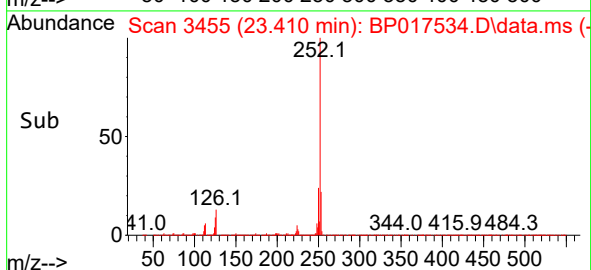
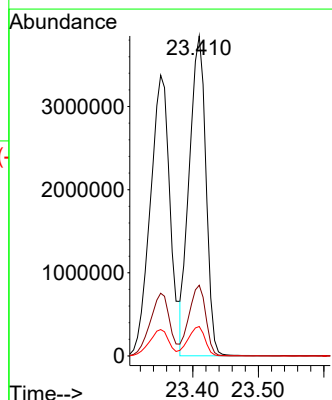
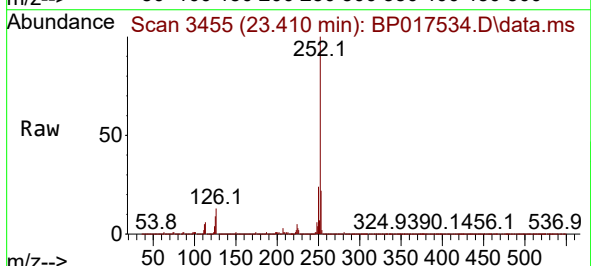
Tgt Ion:252 Resp: 6776405

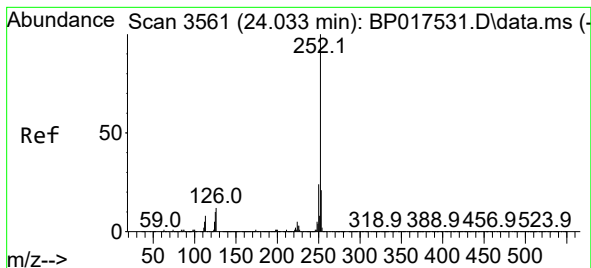
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 162.599 ng/ul

RT: 24.051 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

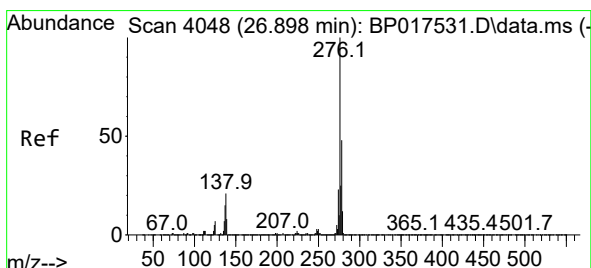
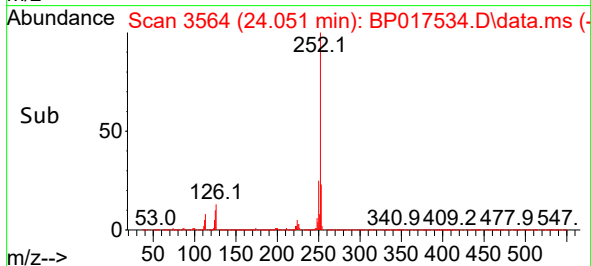
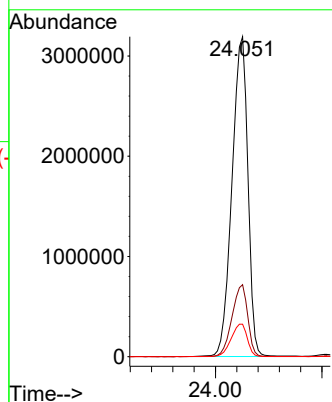
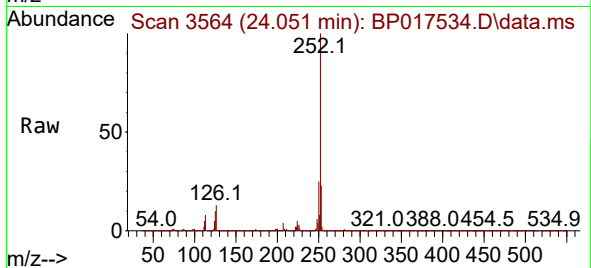
Tgt Ion:252 Resp: 6616927

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 10.2 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 165.278 ng/ul

RT: 26.921 min Scan# 4052

Delta R.T. 0.024 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

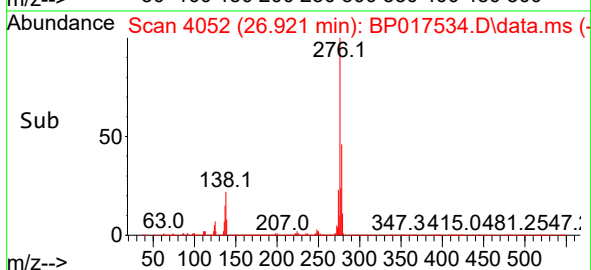
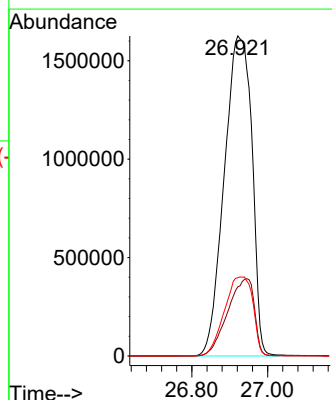
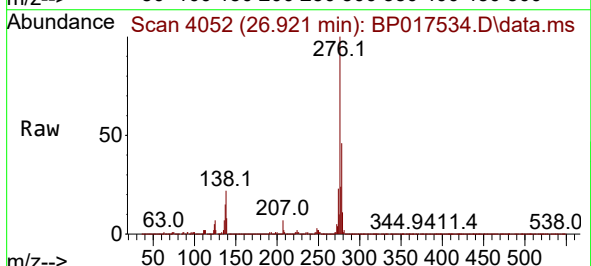
Tgt Ion:276 Resp: 8222434

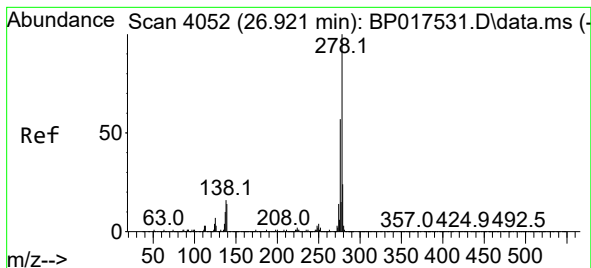
Ion Ratio Lower Upper

276 100

138 21.6 16.6 24.8

277 24.5 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 163.253 ng/ul

RT: 26.957 min Scan# 40

Delta R.T. 0.035 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD160629

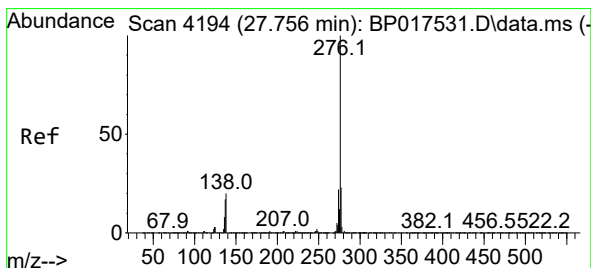
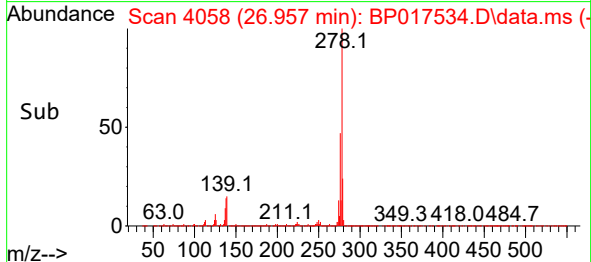
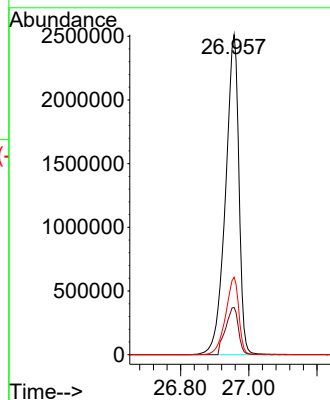
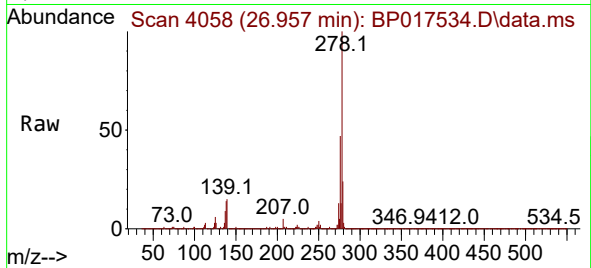
Tgt Ion:278 Resp: 6843494

Ion Ratio Lower Upper

278 100

139 14.8 11.5 17.3

279 24.2 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 163.933 ng/ul

RT: 27.792 min Scan# 4200

Delta R.T. 0.035 min

Lab File: BP017534.D

Acq: 04 Oct 2023 15:55

Tgt Ion:276 Resp: 6542288

Ion Ratio Lower Upper

276 100

138 20.1 16.1 24.1

277 23.8 18.7 28.1

