

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020102.D
 Acq On : 23 Apr 2024 12:57
 Operator : MA/JU
 Sample : SSTD08098
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080620

Quant Time: Apr 23 23:58:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	153911	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	589667	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	306761	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.169	188	592523	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	581367	20.000	ng/u1	0.00
88) Perylene-d12	25.051	264	635867	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	103852	30.656	ng/uL	0.00
4) Pyridine-d5	3.628	84	822344	80.946	ng/u1	0.00
7) Phenol-d5	6.828	99	1060661	82.172	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	685963	81.752	ng/u1	0.01
11) 2-Chlorophenol-d4	7.181	132	765176	81.989	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	811740	81.874	ng/u1	0.02
21) Nitrobenzene-d5	8.804	128	381571	86.919	ng/u1	0.01
24) 2-Nitrophenol-d4	9.510	143	435241	85.820	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	782810	84.480	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	913704	78.404	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	1827101	85.238	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	2030356	80.704	ng/u1	0.01
54) 4-Nitrophenol-d4	14.575	143	265777	82.861	ng/u1	0.01
60) Fluorene-d10	15.351	176	1399840	75.670	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.510	200	261697	92.062	ng/u1	0.02
73) Anthracene-d10	17.275	188	2125646	81.003	ng/u1	0.02
81) Pyrene-d10	19.669	212	2637154	79.714	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	2497001	80.776	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	116104	29.698	ng/uL	99
5) Pyridine	3.646	79	835079	80.307	ng/u1	99
6) Benzaldehyde	6.810	77	527130	72.461	ng/u1	98
8) Phenol	6.858	94	1100742	81.650	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	878854	81.668	ng/u1	100
12) 2-Chlorophenol	7.210	128	789984	81.681	ng/u1	99
13) 2-Methylphenol	8.081	108	807247	82.486	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.169	45	1205642	80.561	ng/u1	99
16) Acetophenone	8.469	105	1315252	80.783	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	747619	80.931	ng/u1	97
18) 4-Methylphenol	8.422	108	850531	81.744	ng/u1	100
19) Hexachloroethane	8.693	117	370320	78.197	ng/u1	94
22) Nitrobenzene	8.846	77	1131705	84.643	ng/u1	97
23) Isophorone	9.369	82	2002024	82.920	ng/u1	100
25) 2-Nitrophenol	9.546	139	456424	86.881	ng/u1	93
26) 2,4-Dimethylphenol	9.604	107	940236	82.116	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.846	93	1150044	83.308	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	752621	83.441	ng/u1	98
30) Naphthalene	10.469	128	2383252	77.851	ng/u1	99
32) 4-Chloroaniline	10.593	127	897389	78.531	ng/u1	99
33) Hexachlorobutadiene	10.728	225	640032	82.328	ng/u1	98
34) Caprolactam	11.422	113	147849	63.798	ng/u1	94
35) 4-Chloro-3-methylphenol	11.734	107	792340	76.977	ng/u1	98
36) 2-Methylnaphthalene	12.093	142	1545670	76.319	ng/u1	99

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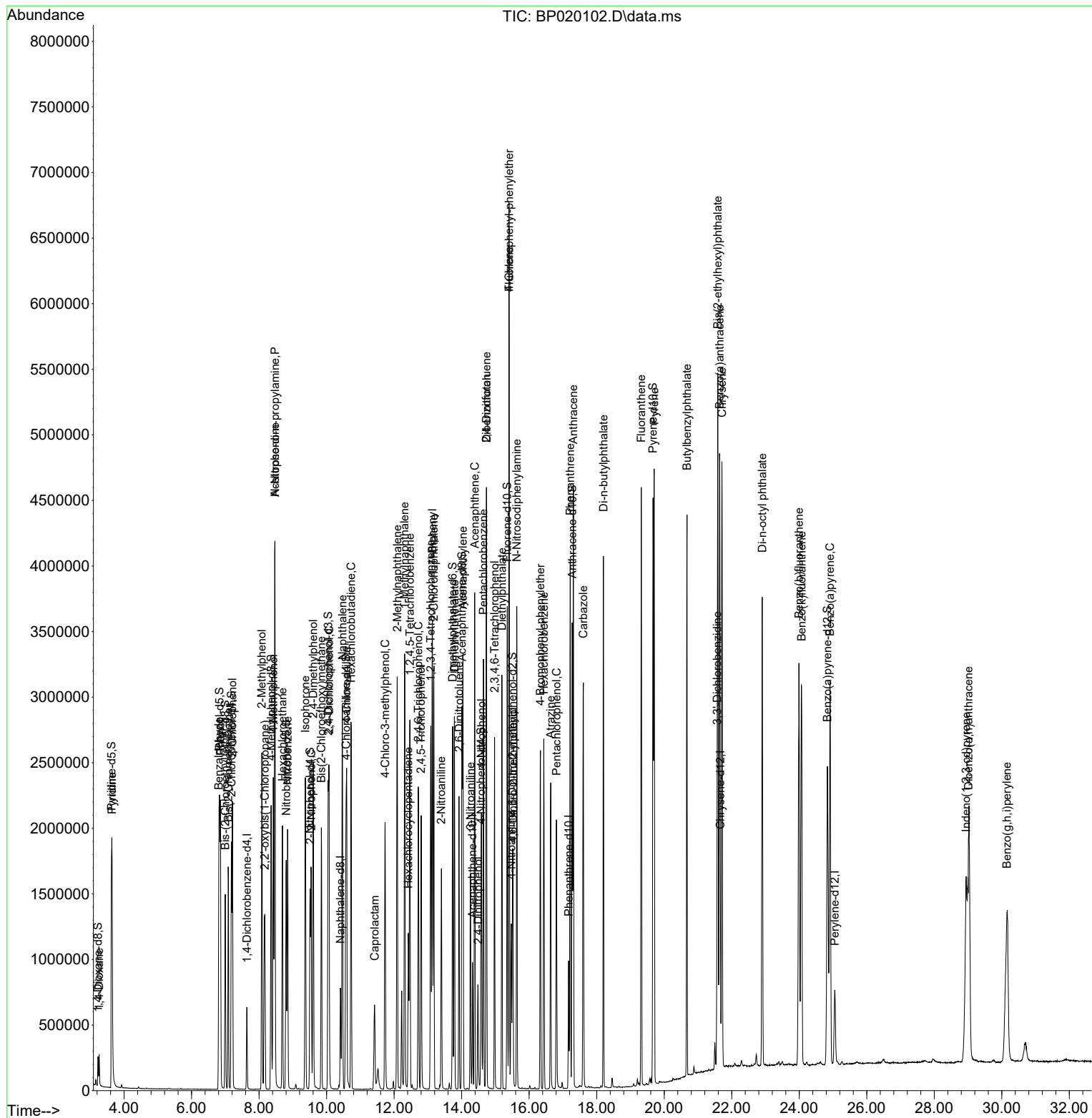
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	1499171	74.369	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.469	216	968229	90.217	ng/ul	95
40) Hexachlorocyclopentadiene	12.422	237	380378	98.148	ng/ul	96
41) 2,4,6-Trichlorophenol	12.716	196	566952	88.108	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	587963	88.095	ng/ul	95
43) 1,1'-Biphenyl	13.134	154	1920912	86.546	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	1531394	85.186	ng/ul	100
45) 2-Nitroaniline	13.398	65	511521	88.002	ng/ul	99
47) Dimethylphthalate	13.787	163	1843717	84.540	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	375410	86.110	ng/ul	97
50) Acenaphthylene	14.039	152	2264309	80.473	ng/ul	99
51) 3-Nitroaniline	14.263	138	348422	80.995	ng/ul	97
52) Acenaphthene	14.387	153	1459150	78.772	ng/ul	98
53) 2,4-Dinitrophenol	14.487	184	175205	94.559	ng/ul	93
55) 4-Nitrophenol	14.587	109	280425	83.906	ng/ul	98
56) Dibenzofuran	14.734	168	1971962	76.920	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	494213	79.930	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.975	232	457387	76.807	ng/ul	97
59) Diethylphthalate	15.192	149	1693921	78.964	ng/ul	99
61) Fluorene	15.404	166	1587459	75.330	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	903728	78.916	ng/ul	96
63) 4-Nitroaniline	15.469	138	323962	81.646	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.522	198	273628	91.943	ng/ul	98
67) N-Nitrosodiphenylamine	15.634	169	1285218	82.299	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	542707	84.032	ng/ul	95
69) Hexachlorobenzene	16.433	284	599316	81.953	ng/ul	99
70) Atrazine	16.639	200	478910	79.122	ng/ul	99
71) Pentachlorophenol	16.810	266	387091	84.744	ng/ul	98
72) Phenanthrene	17.216	178	2446251	80.517	ng/ul	99
74) Anthracene	17.310	178	2474414	80.178	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	920707	96.090	ng/ul	99
76) Pentachlorobenzene	14.645	250	776579	87.536	ng/ul	99
77) Carbazole	17.604	167	2164903	79.667	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2622969	79.820	ng/ul	99
80) Fluoranthene	19.322	202	3063687	79.544	ng/ul	99
82) Pyrene	19.704	202	3149710	78.480	ng/ul	97
83) Butylbenzylphthalate	20.674	149	1291279	79.988	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.569	252	798437	73.102	ng/ul	99
85) Benzo(a)anthracene	21.639	228	3213833	79.726	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.586	149	1876529	79.062	ng/ul	99
87) Chrysene	21.710	228	3021041	81.013	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	3168994	79.508	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	3138542	81.557	ng/ul	98
91) Benzo(k)fluoranthene	24.068	252	3105602	82.397	ng/ul	99
93) Benzo(a)pyrene	24.910	252	2999623	83.387	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.945	276	2881097	66.925	ng/ul	98
95) Dibenzo(a,h)anthracene	29.015	278	1408591	39.847	ng/ul	98
96) Benzo(g,h,i)perylene	30.150	276	2077464	61.497	ng/ul	97

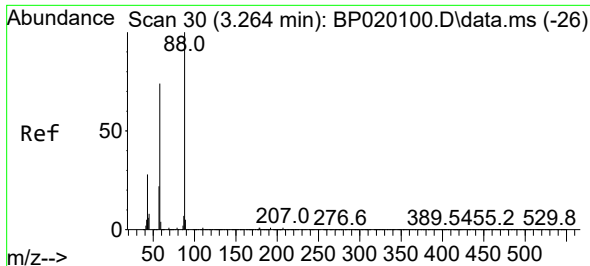
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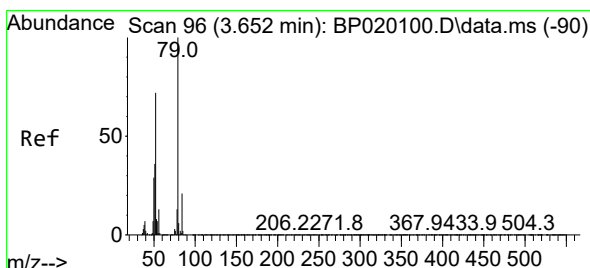
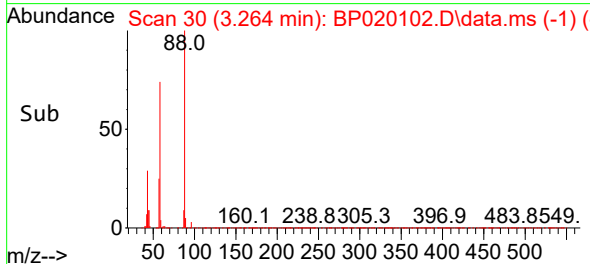
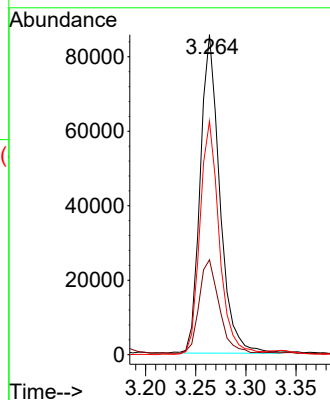
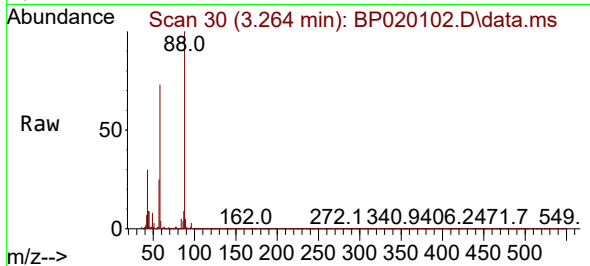




#2
 1,4-Dioxane
 Concen: 29.698 ng/uL
 RT: 3.264 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BP020102.D
 Acq: 23 Apr 2024 12:57

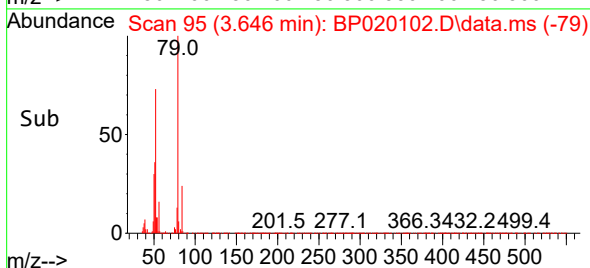
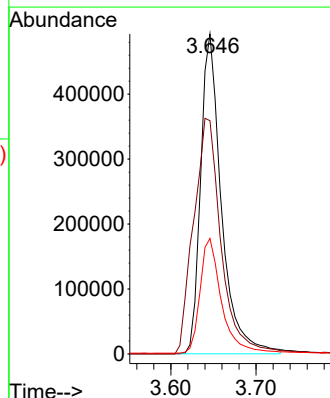
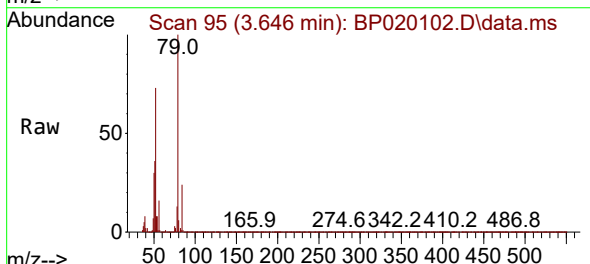
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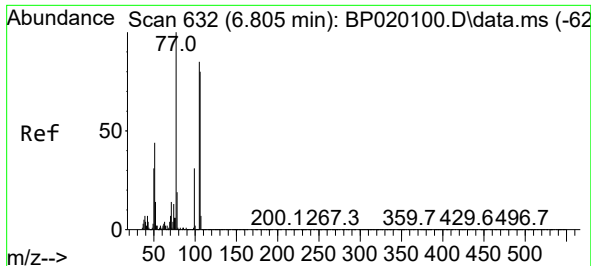
Tgt Ion: 88 Resp: 116104
 Ion Ratio Lower Upper
 88 100
 43 29.7 24.0 36.0
 58 73.0 59.1 88.7



#5
 Pyridine
 Concen: 80.307 ng/uL
 RT: 3.646 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: BP020102.D
 Acq: 23 Apr 2024 12:57

Tgt Ion: 79 Resp: 835079
 Ion Ratio Lower Upper
 79 100
 52 72.9 57.9 86.9
 51 36.1 29.6 44.4

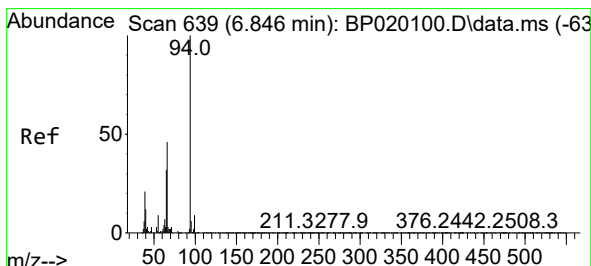
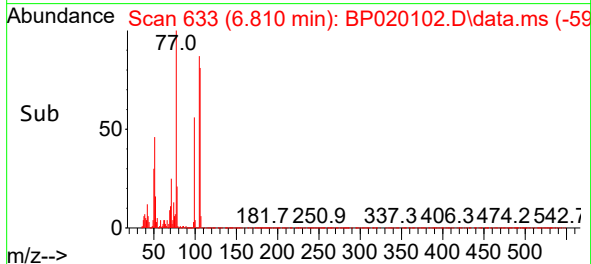
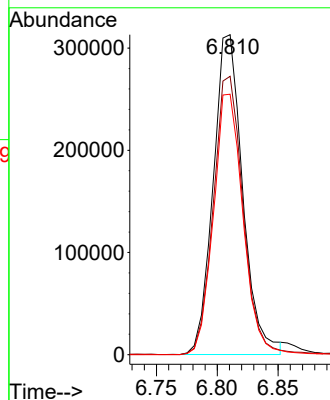
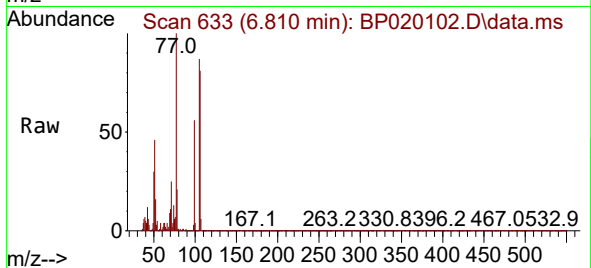




#6
Benzaldehyde
Concen: 72.461 ng/ul
RT: 6.810 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

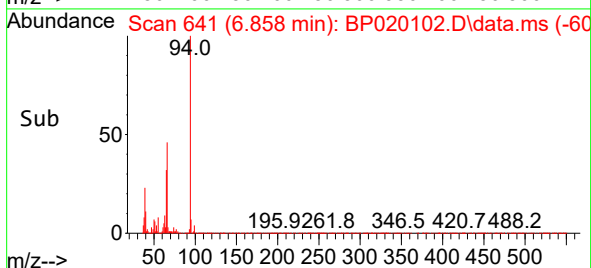
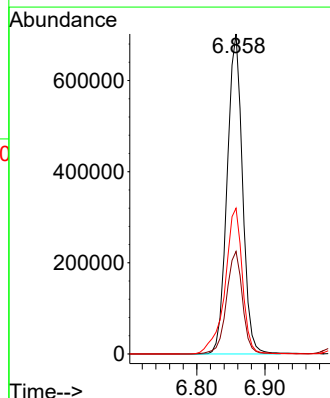
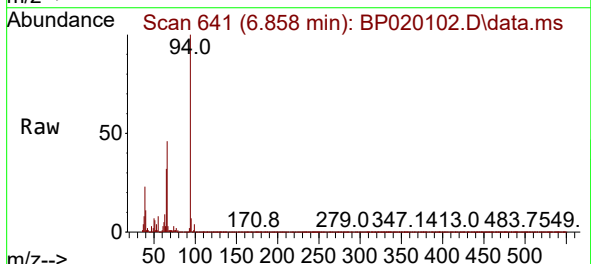
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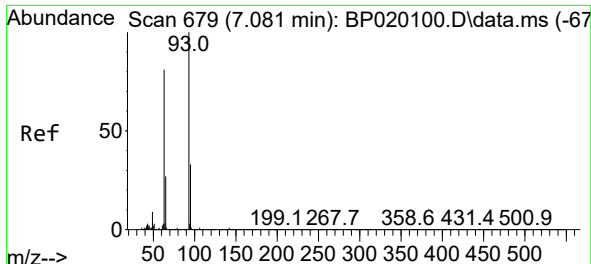
Tgt Ion: 77 Resp: 527130
Ion Ratio Lower Upper
77 100
105 87.0 67.9 101.9
106 81.4 63.9 95.9



#8
Phenol
Concen: 81.650 ng/ul
RT: 6.858 min Scan# 641
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion: 94 Resp: 1100742
Ion Ratio Lower Upper
94 100
65 32.0 25.5 38.3
66 45.6 36.9 55.3

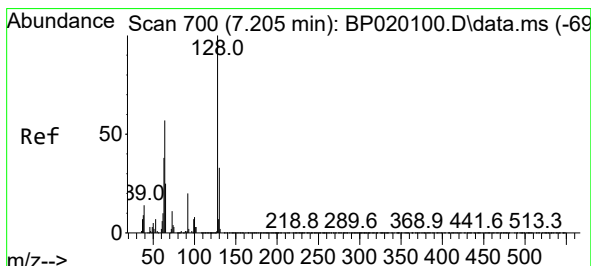
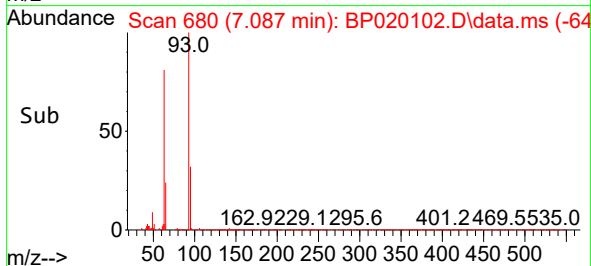
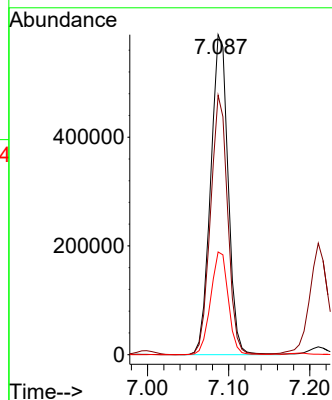
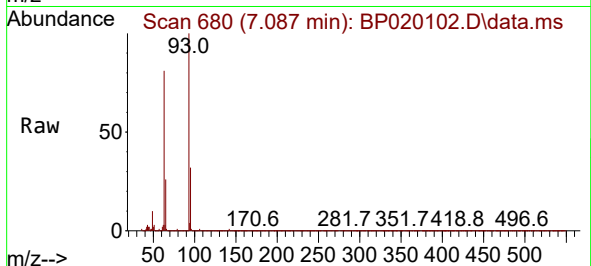




#10
Bis(2-Chloroethyl)ether
Concen: 81.668 ng/ul
RT: 7.087 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

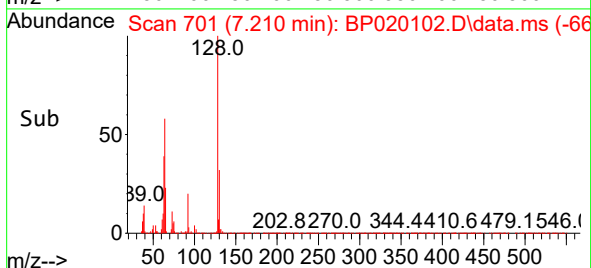
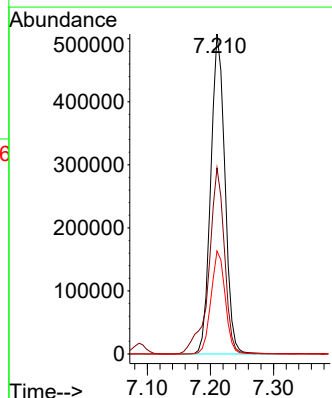
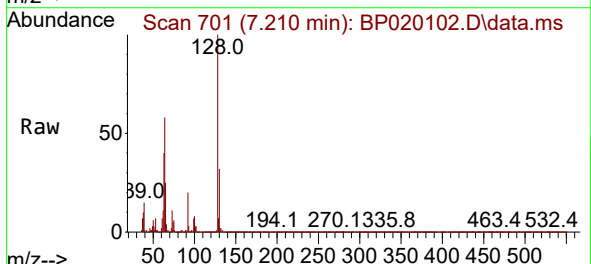
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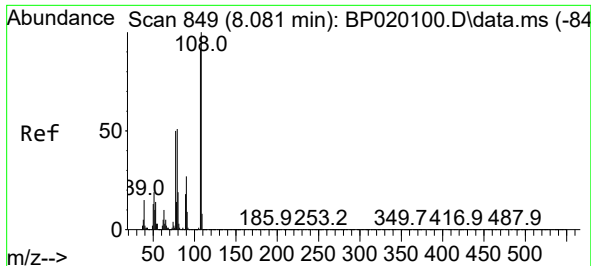
Tgt Ion: 93 Resp: 878854
Ion Ratio Lower Upper
93 100
63 81.0 64.7 97.1
95 32.1 26.2 39.4



#12
2-Chlorophenol
Concen: 81.681 ng/ul
RT: 7.210 min Scan# 701
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion: 128 Resp: 789984
Ion Ratio Lower Upper
128 100
64 58.2 47.3 70.9
130 32.2 26.1 39.1





#13

2-Methylphenol

Concen: 82.486 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. 0.000 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

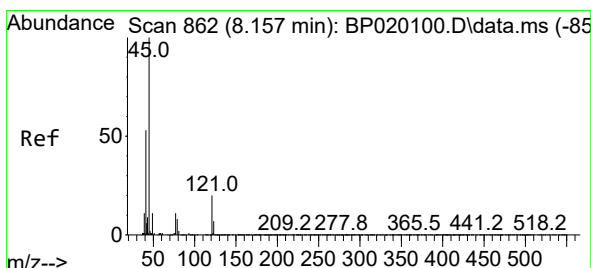
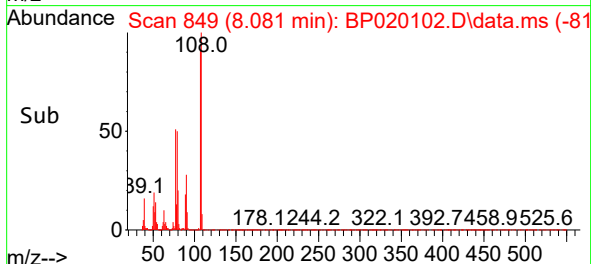
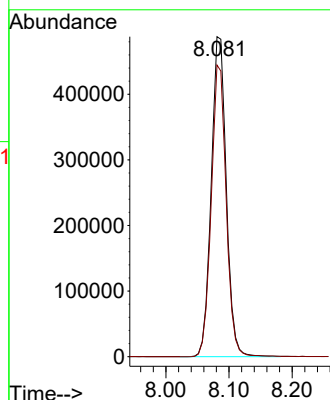
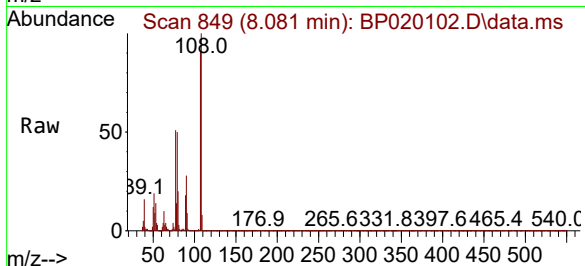
SSTD080620

Tgt Ion:108 Resp: 807247

Ion Ratio Lower Upper

108 100

107 91.1 72.8 109.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 80.561 ng/ul

RT: 8.169 min Scan# 864

Delta R.T. 0.012 min

Lab File: BP020102.D

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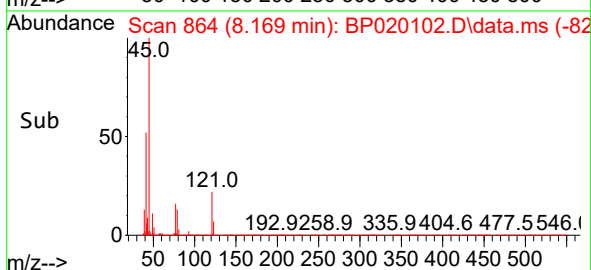
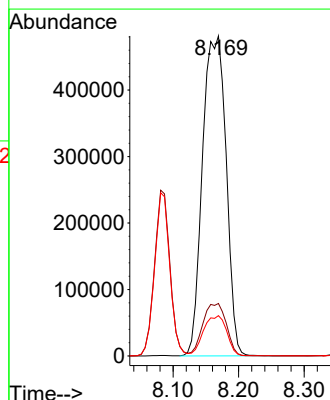
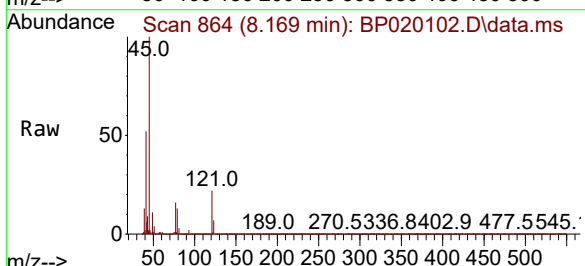
Tgt Ion: 45 Resp: 1205642

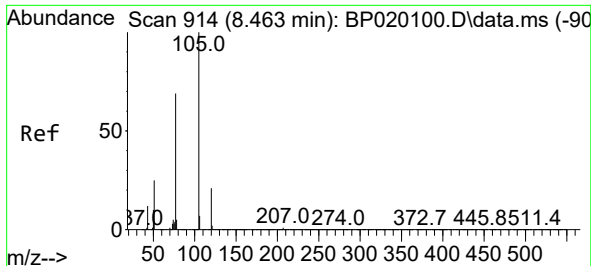
Ion Ratio Lower Upper

45 100

77 16.4 13.4 20.2

79 12.6 10.7 16.1

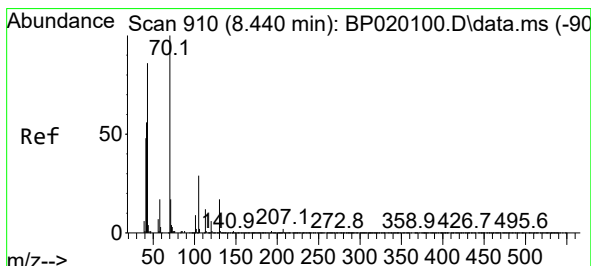
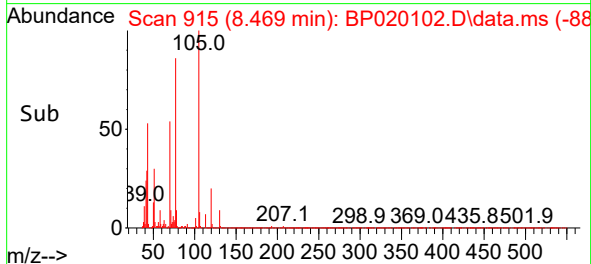
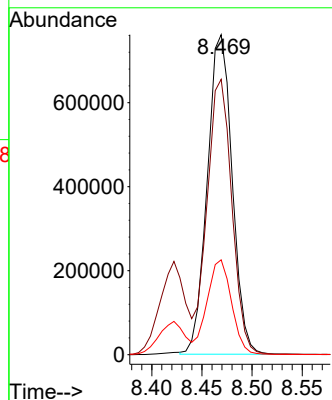
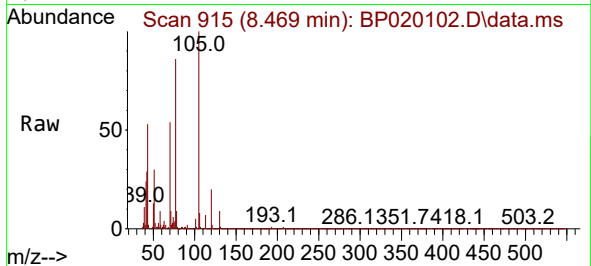




#16
Acetophenone
Concen: 80.783 ng/ul
RT: 8.469 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

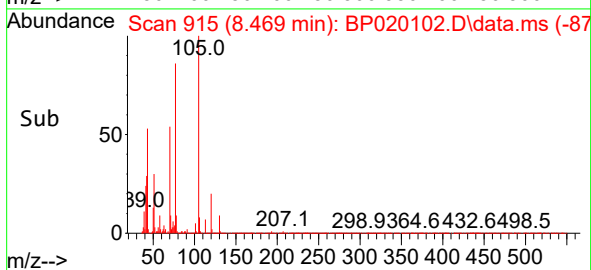
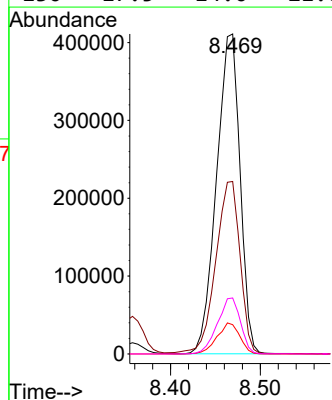
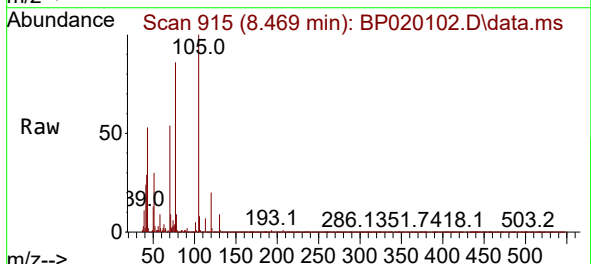
Instrument :
BNA_P
ClientSampleId :
SSTD080620

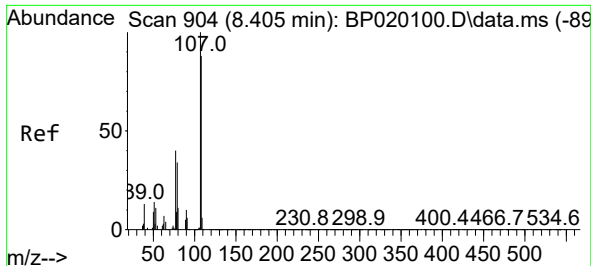
Tgt Ion:105 Resp: 1315252
Ion Ratio Lower Upper
105 100
77 86.0 69.8 104.8
51 29.7 25.0 37.4



#17
N-Nitroso-di-n-propylamine
Concen: 80.931 ng/ul
RT: 8.469 min Scan# 915
Delta R.T. 0.029 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion: 70 Resp: 747619
Ion Ratio Lower Upper
70 100
42 53.9 45.3 67.9
101 9.2 7.5 11.3
130 17.5 14.0 21.0

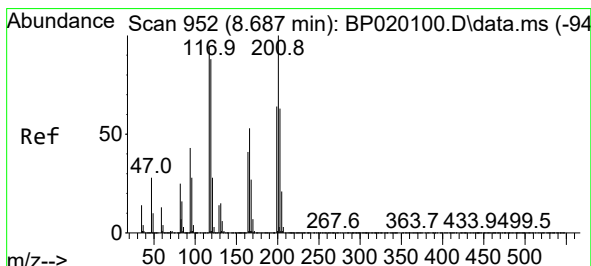
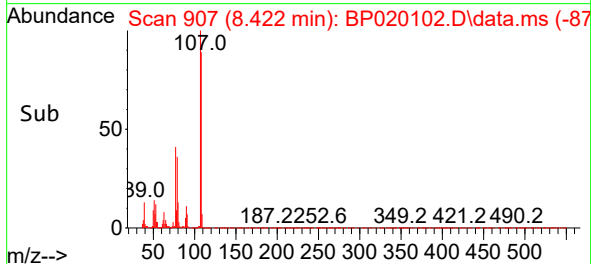
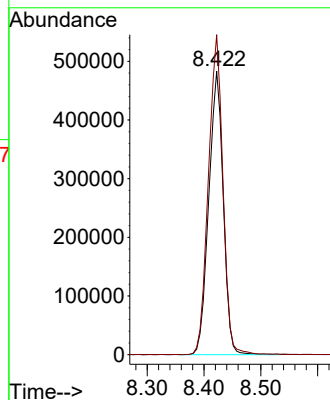
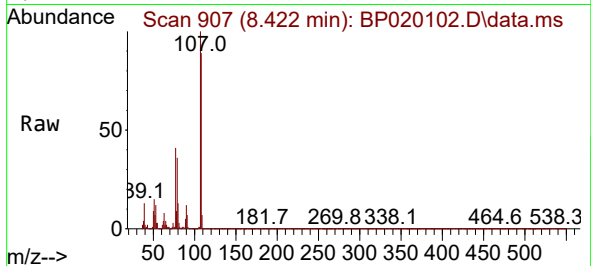




#18
4-Methylphenol
Concen: 81.744 ng/ul
RT: 8.422 min Scan# 904
Delta R.T. 0.018 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

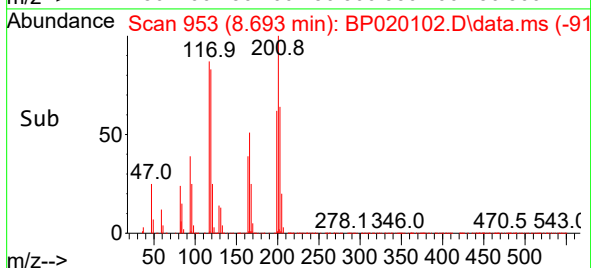
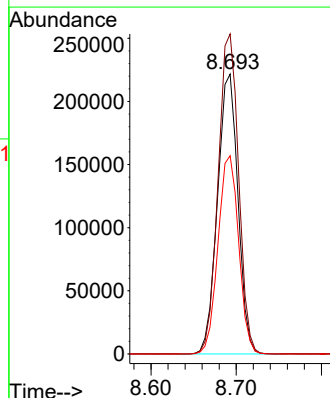
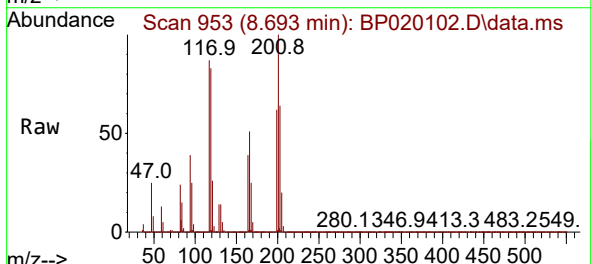
Instrument :
BNA_P
ClientSampleId :
SSTD080620

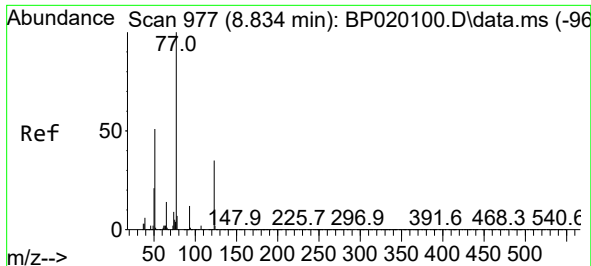
Tgt Ion:108 Resp: 850531
Ion Ratio Lower Upper
108 100
107 112.8 90.5 135.7



#19
Hexachloroethane
Concen: 78.197 ng/ul
RT: 8.693 min Scan# 953
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:117 Resp: 370320
Ion Ratio Lower Upper
117 100
201 114.4 85.2 127.8
199 70.9 54.3 81.5

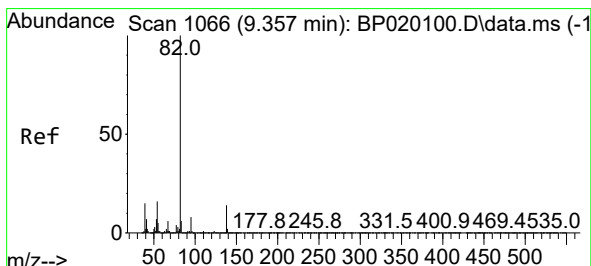
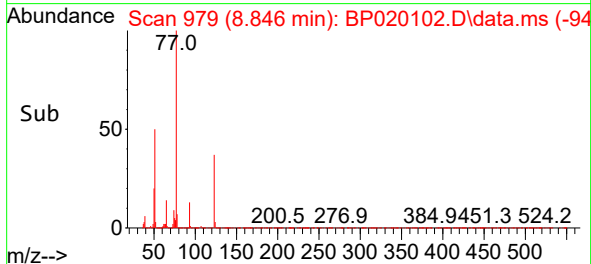
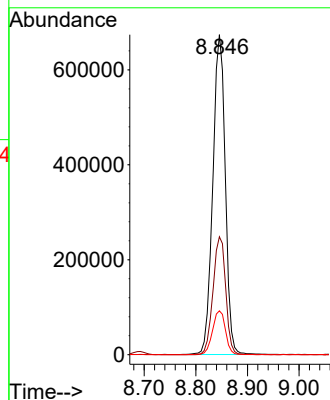
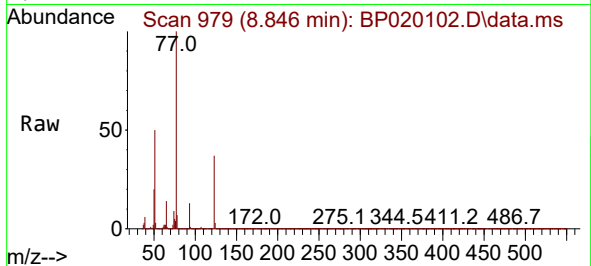




#22
Nitrobenzene
Concen: 84.643 ng/ul
RT: 8.846 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

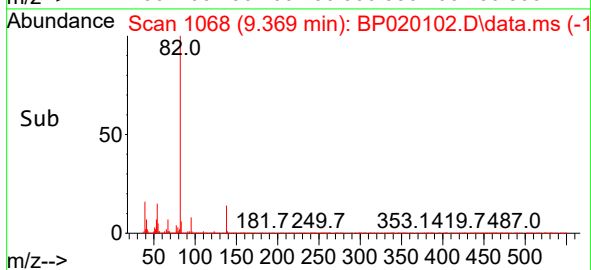
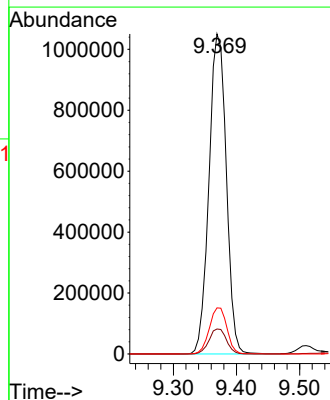
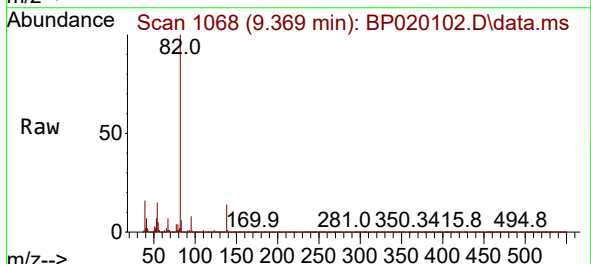
Instrument :
BNA_P
ClientSampleId :
SSTD080620

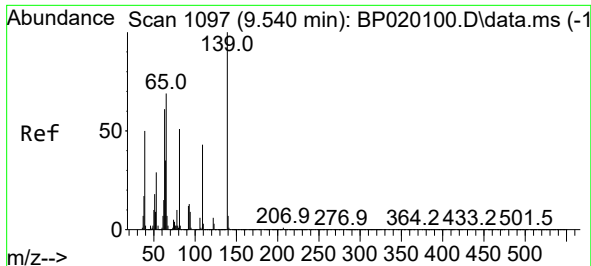
Tgt Ion: 77 Resp: 1131705
Ion Ratio Lower Upper
77 100
123 36.8 27.8 41.6
65 13.7 11.5 17.3



#23
Isophorone
Concen: 82.920 ng/ul
RT: 9.369 min Scan# 1068
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion: 82 Resp: 2002024
Ion Ratio Lower Upper
82 100
95 7.8 6.5 9.7
138 14.4 11.4 17.2

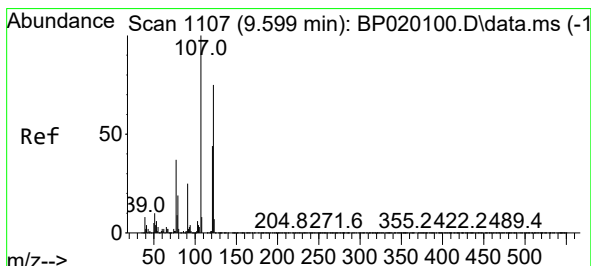
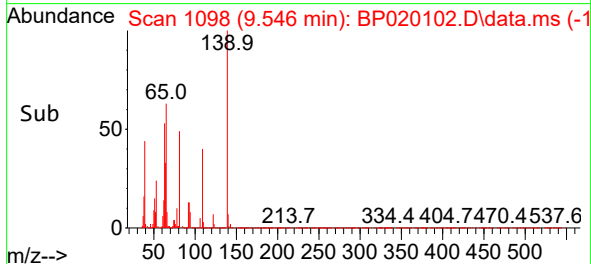
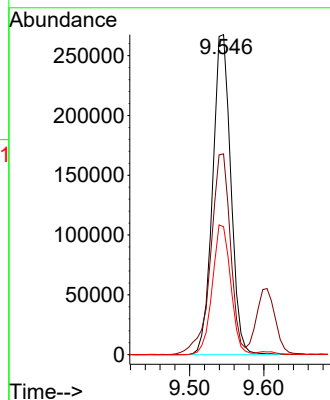
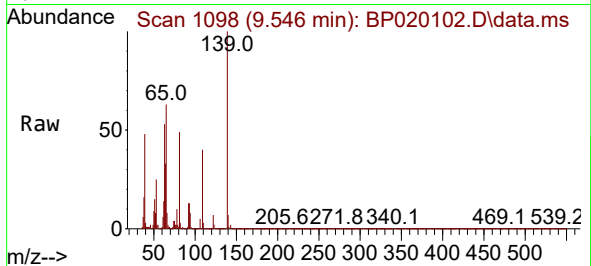




#25
2-Nitrophenol
Concen: 86.881 ng/ul
RT: 9.546 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

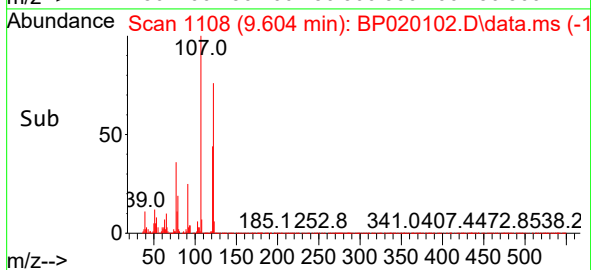
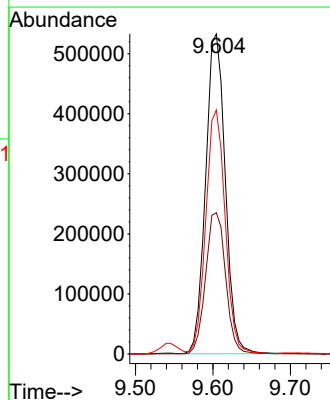
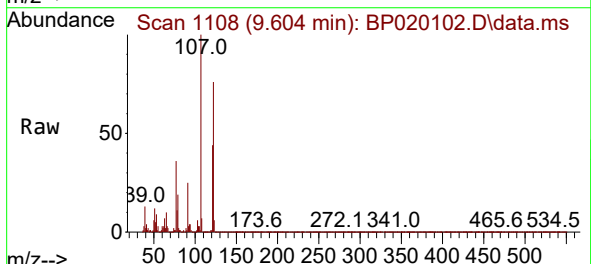
Instrument :
BNA_P
ClientSampleId :
SSTD080620

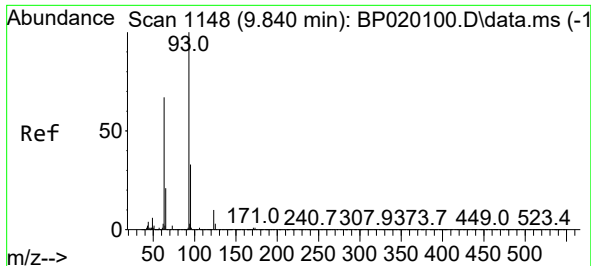
Tgt Ion:139 Resp: 456424
Ion Ratio Lower Upper
139 100
65 62.8 55.3 82.9
109 40.0 34.7 52.1



#26
2,4-Dimethylphenol
Concen: 82.116 ng/ul
RT: 9.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:107 Resp: 940236
Ion Ratio Lower Upper
107 100
121 44.2 35.0 52.4
122 76.3 61.0 91.4

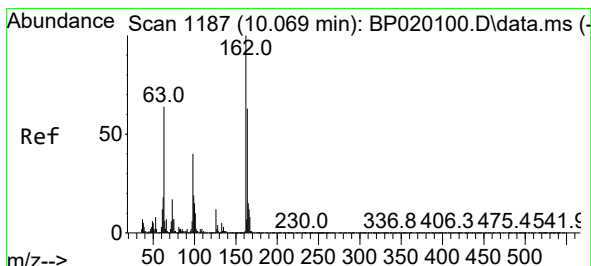
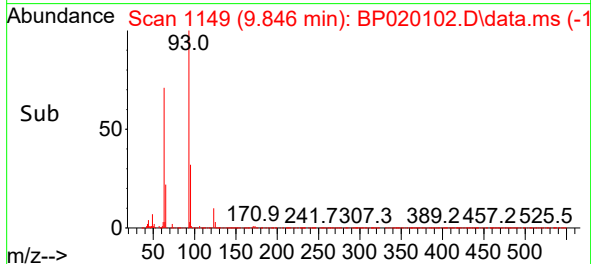
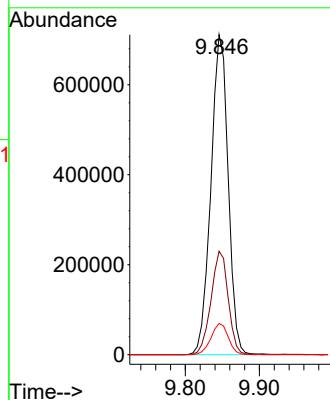
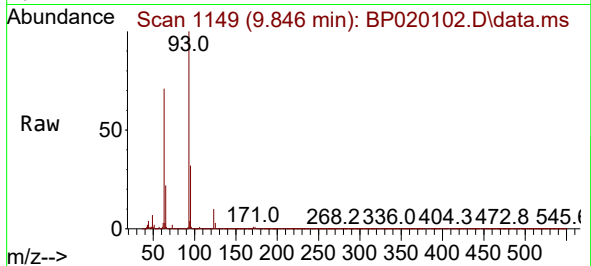




#27
 Bis(2-Chloroethoxy)methane
 Concen: 83.308 ng/ul
 RT: 9.846 min Scan# 1148
 Delta R.T. 0.006 min
 Lab File: BP020102.D
 Acq: 23 Apr 2024 12:57

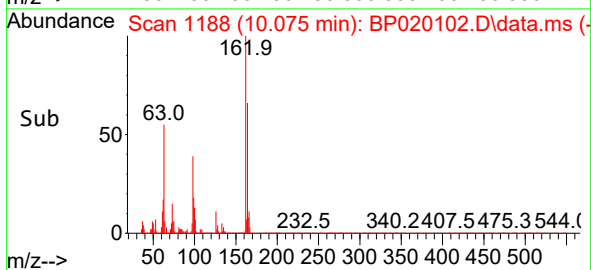
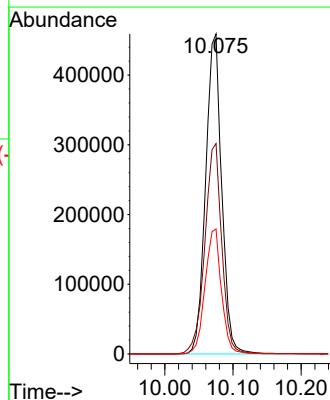
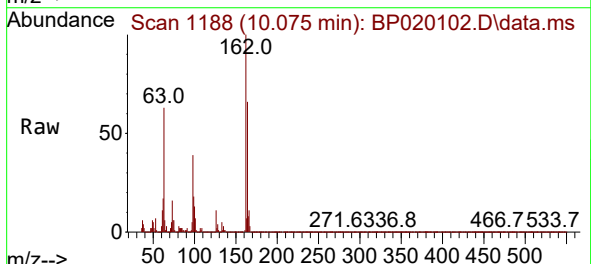
Instrument :
 BNA_P
 ClientSampleId :
 SSTD080620

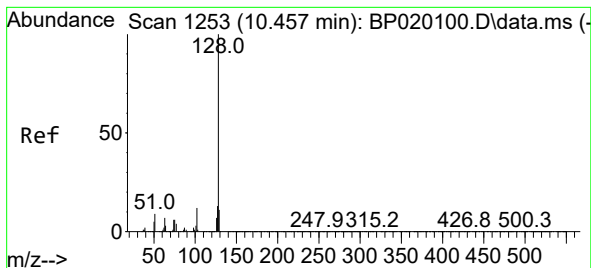
Tgt Ion: 93 Resp: 1150044
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.2 39.4
 123 9.8 8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 83.441 ng/ul
 RT: 10.075 min Scan# 1188
 Delta R.T. 0.006 min
 Lab File: BP020102.D
 Acq: 23 Apr 2024 12:57

Tgt Ion:162 Resp: 752621
 Ion Ratio Lower Upper
 162 100
 164 65.7 50.5 75.7
 98 39.1 31.8 47.6

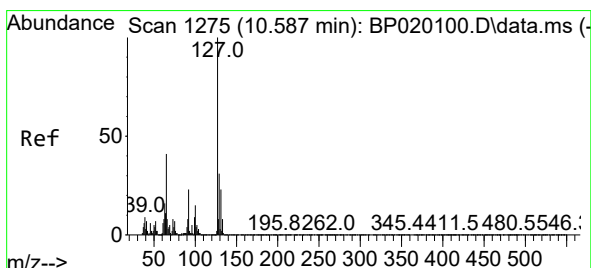
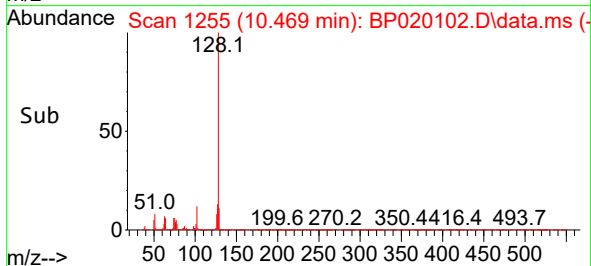
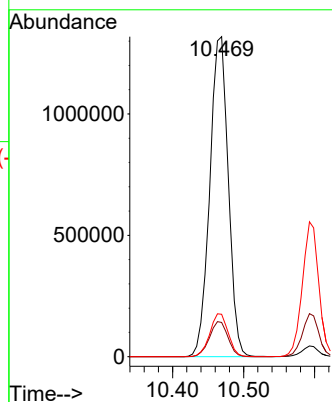
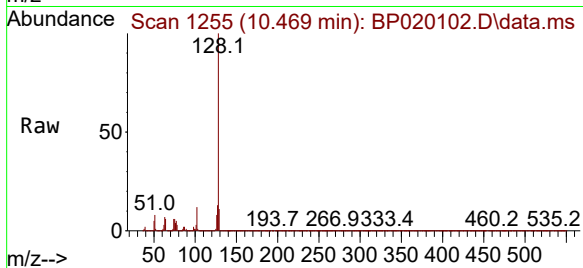




#30
Naphthalene
Concen: 77.851 ng/ul
RT: 10.469 min Scan# 1253
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

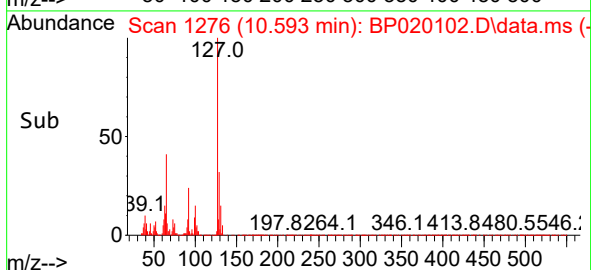
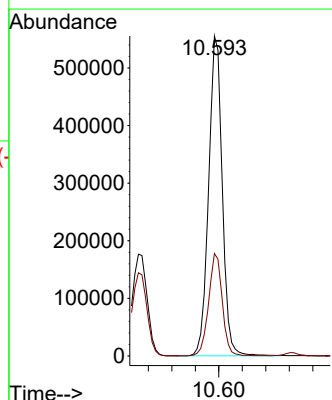
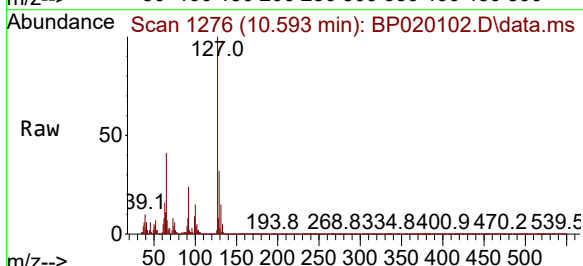
Instrument :
BNA_P
ClientSampleId :
SSTD080620

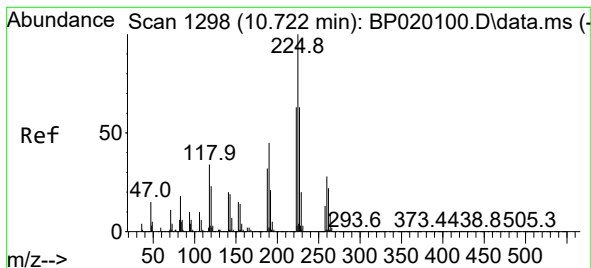
Tgt Ion:128 Resp: 2383252
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 78.531 ng/ul
RT: 10.593 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:127 Resp: 897389
Ion Ratio Lower Upper
127 100
129 32.0 25.0 37.4





#33

Hexachlorobutadiene

Concen: 82.328 ng/ul

RT: 10.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

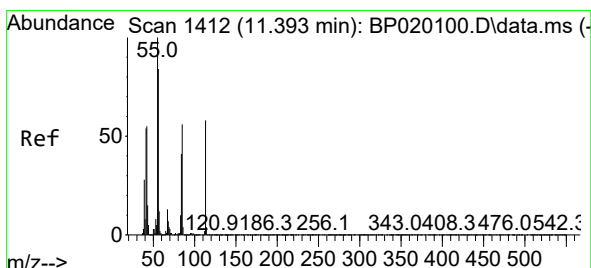
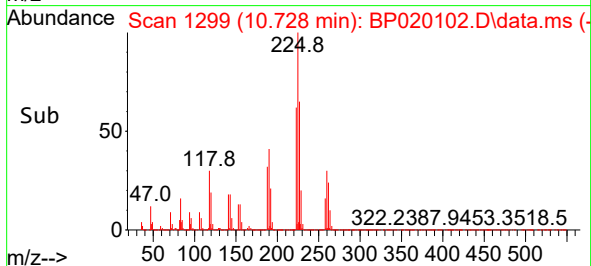
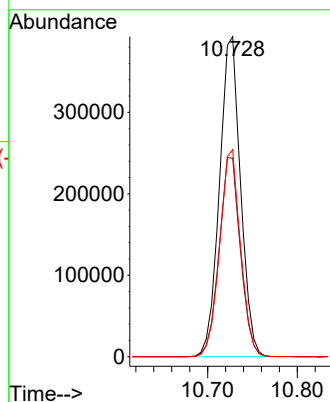
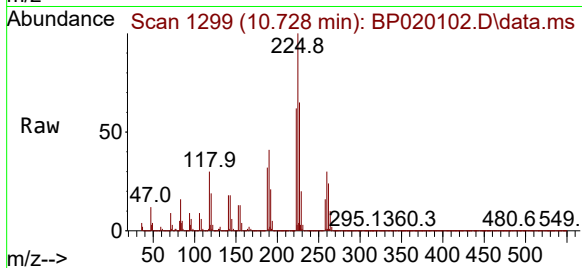
Tgt Ion:225 Resp: 640032

Ion Ratio Lower Upper

225 100

223 62.0 50.8 76.2

227 64.7 50.7 76.1



#34

Caprolactam

Concen: 63.798 ng/ul

RT: 11.422 min Scan# 1417

Delta R.T. 0.029 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

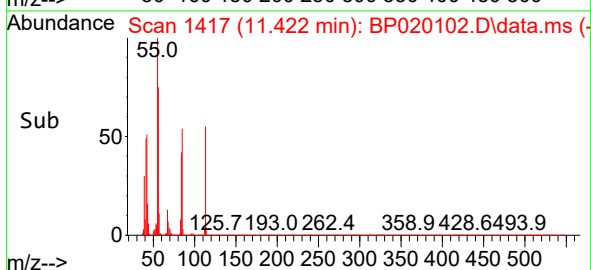
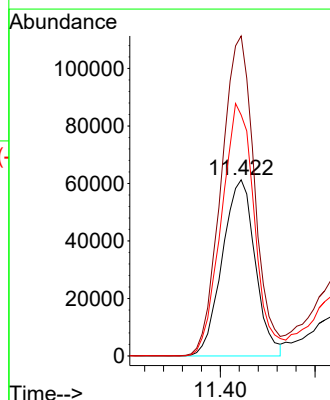
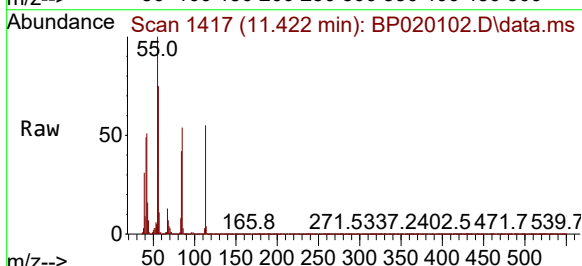
Tgt Ion:113 Resp: 147849

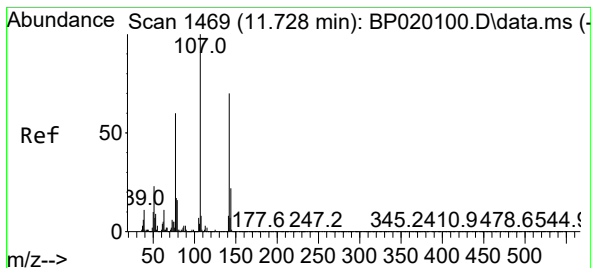
Ion Ratio Lower Upper

113 100

55 181.7 140.2 210.4

56 136.8 116.2 174.4

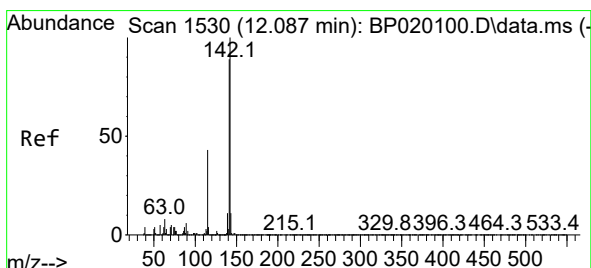
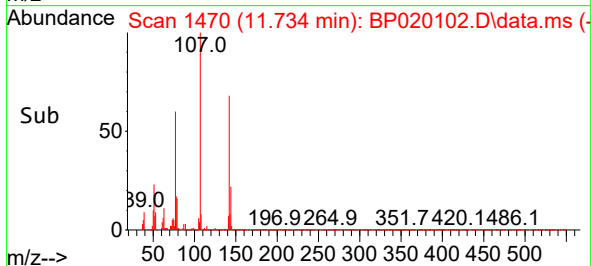
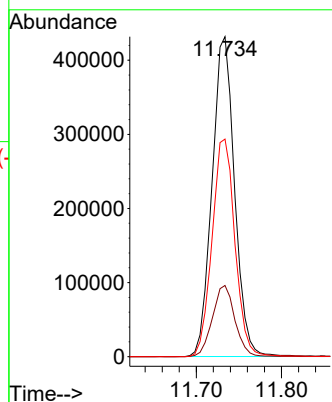
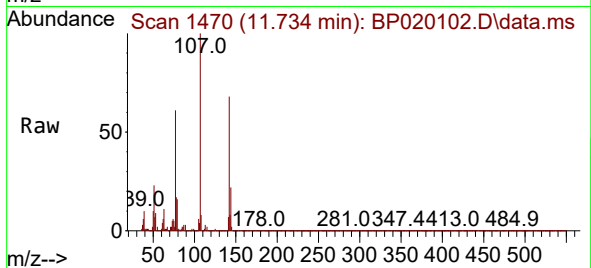




#35
4-Chloro-3-methylphenol
Concen: 76.977 ng/ul
RT: 11.734 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

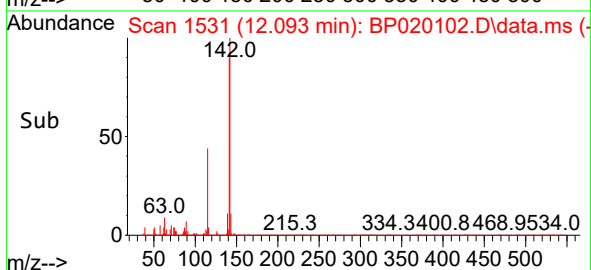
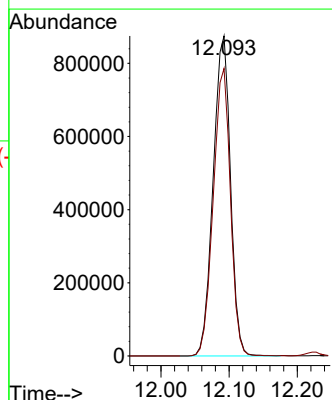
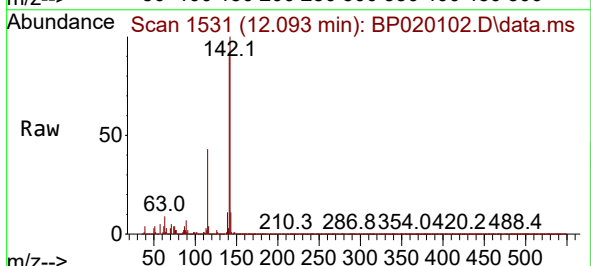
Instrument :
BNA_P
ClientSampleId :
SSTD080620

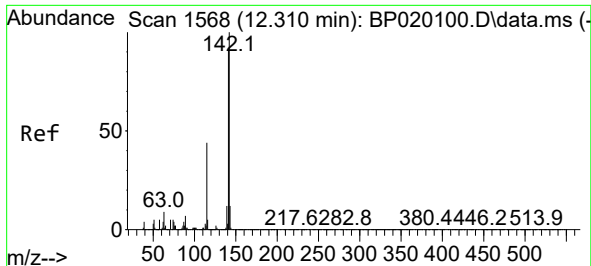
Tgt Ion:107 Resp: 792340
Ion Ratio Lower Upper
107 100
144 22.2 17.9 26.9
142 68.0 56.2 84.4



#36
2-Methylnaphthalene
Concen: 76.319 ng/ul
RT: 12.093 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:142 Resp: 1545670
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2

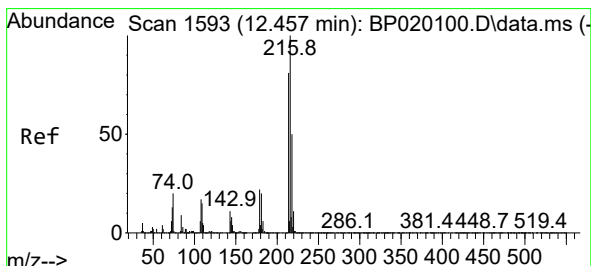
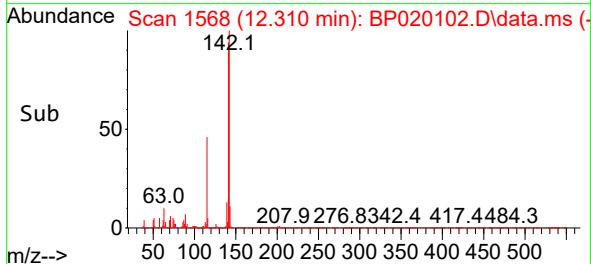
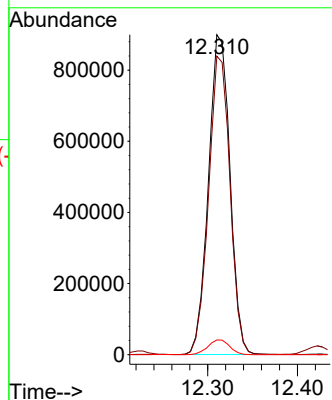
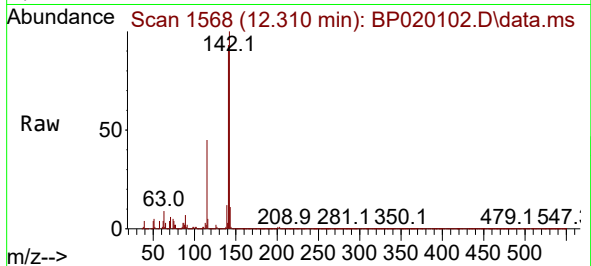




#37
1-Methylnaphthalene
Concen: 74.369 ng/ul
RT: 12.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

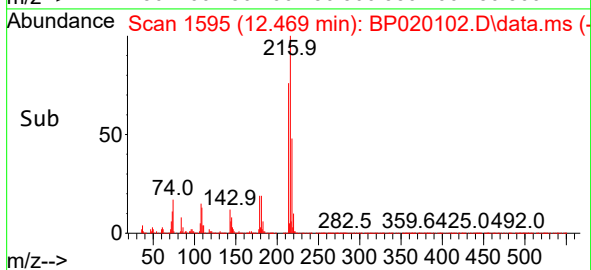
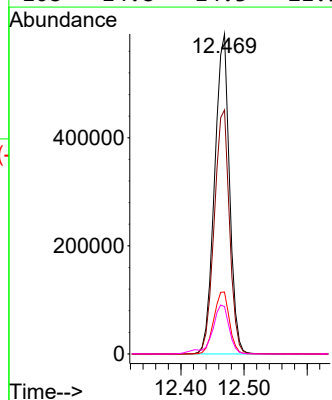
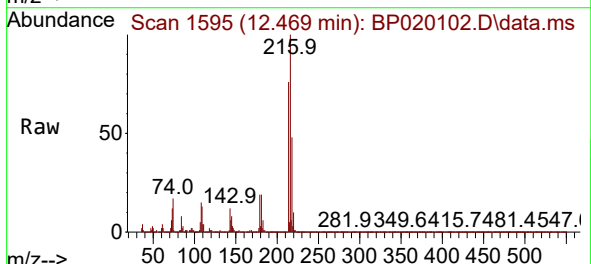
Instrument :
BNA_P
ClientSampleId :
SSTD080620

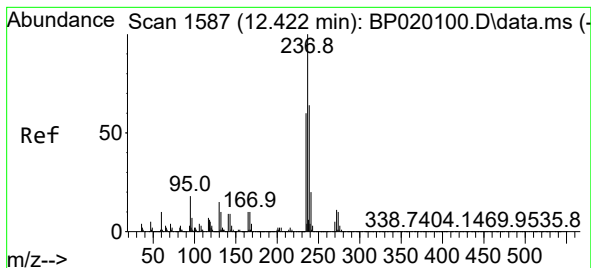
Tgt Ion:142 Resp: 1499171
Ion Ratio Lower Upper
142 100
141 93.3 73.2 109.8
116 4.6 3.7 5.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 90.217 ng/ul
RT: 12.469 min Scan# 1595
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:216 Resp: 968229
Ion Ratio Lower Upper
216 100
214 76.2 64.5 96.7
179 19.4 17.8 26.6
108 14.8 14.3 21.5





#40

Hexachlorocyclopentadiene

Concen: 98.148 ng/ul

RT: 12.422 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

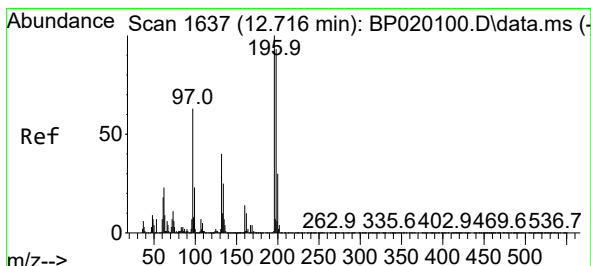
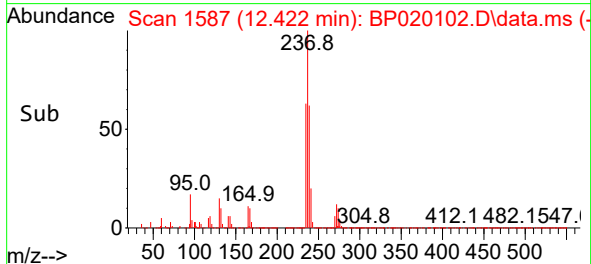
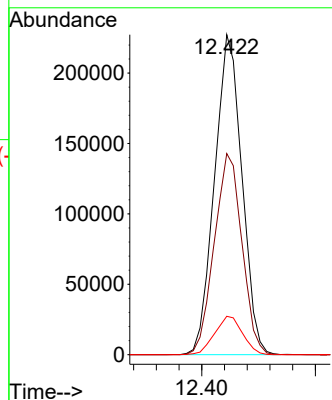
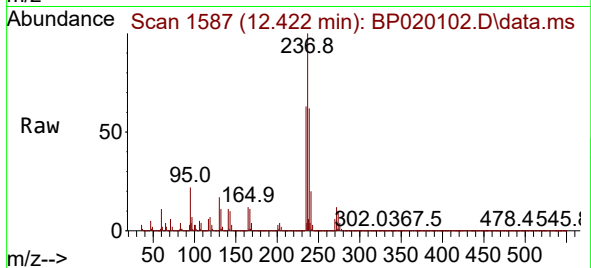
Tgt Ion:237 Resp: 380378

Ion Ratio Lower Upper

237 100

235 62.9 47.6 71.4

272 12.0 9.3 13.9



#41

2,4,6-Trichlorophenol

Concen: 88.108 ng/ul

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

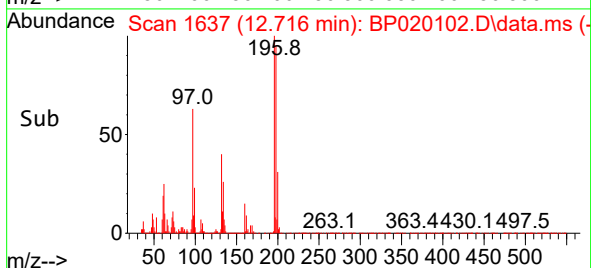
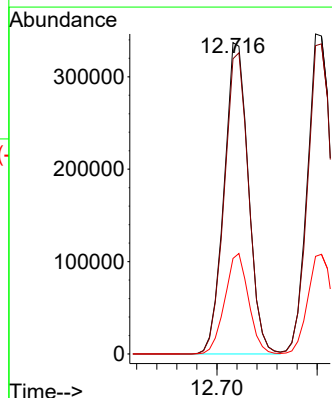
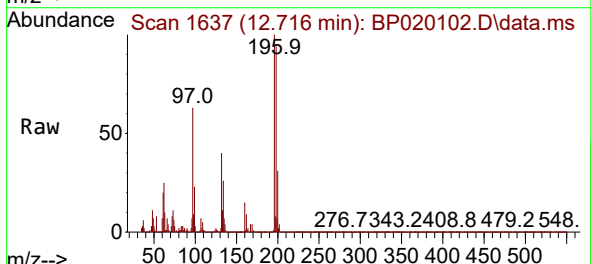
Tgt Ion:196 Resp: 566952

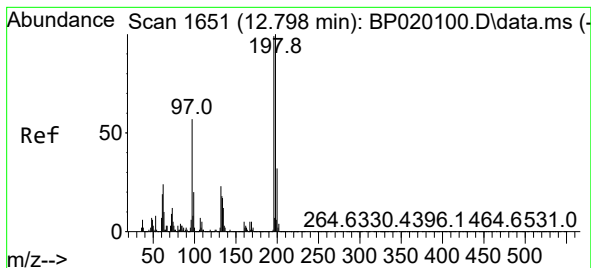
Ion Ratio Lower Upper

196 100

198 94.9 74.3 111.5

200 30.7 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 88.095 ng/ul

RT: 12.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

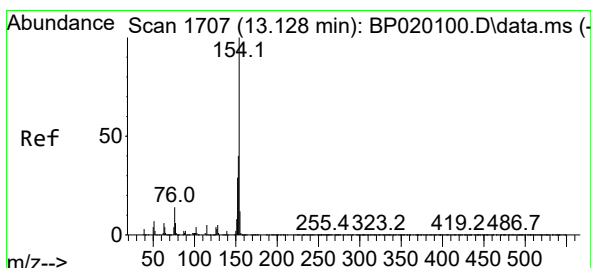
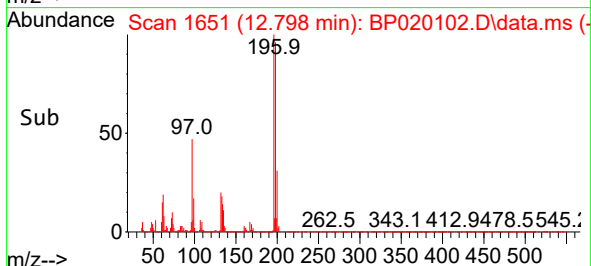
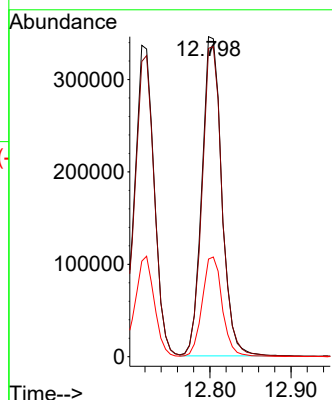
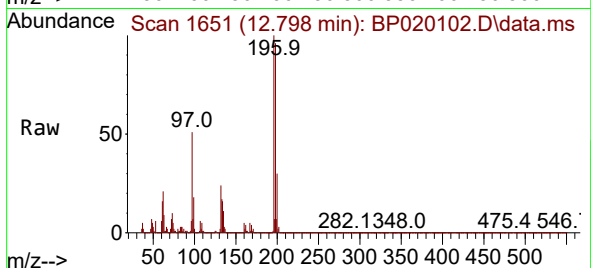
Tgt Ion:196 Resp: 587963

Ion Ratio Lower Upper

196 100

198 96.3 81.1 121.7

200 30.5 26.0 39.0



#43

1,1'-Biphenyl

Concen: 86.546 ng/ul

RT: 13.134 min Scan# 1708

Delta R.T. 0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

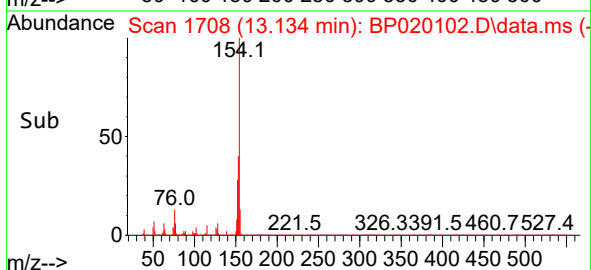
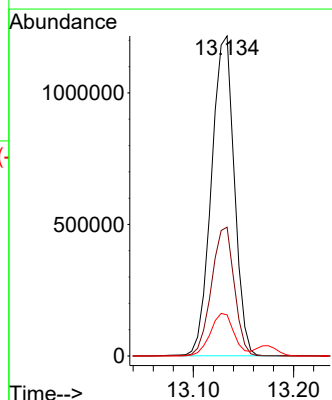
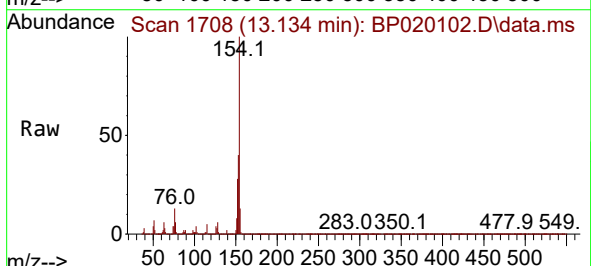
Tgt Ion:154 Resp: 1920912

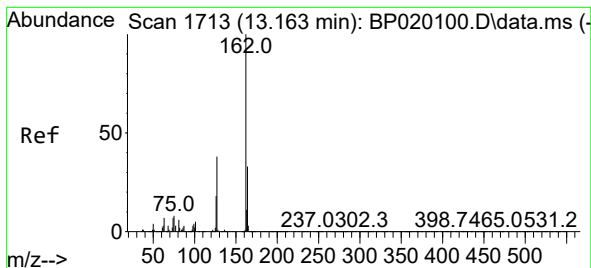
Ion Ratio Lower Upper

154 100

153 40.3 31.9 47.9

76 12.9 10.9 16.3





#44

2-Chloronaphthalene

Concen: 85.186 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

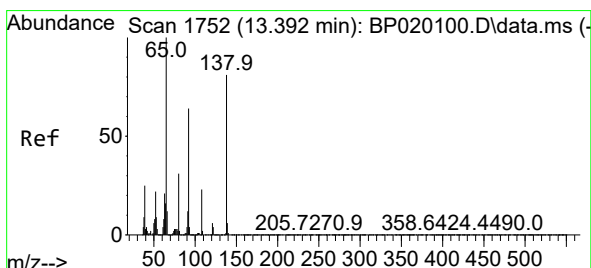
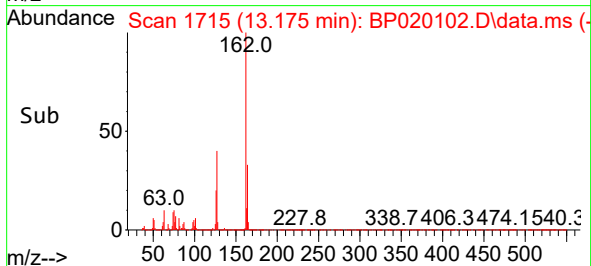
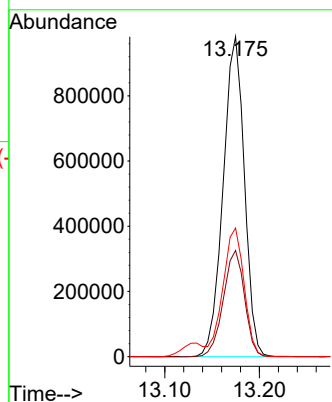
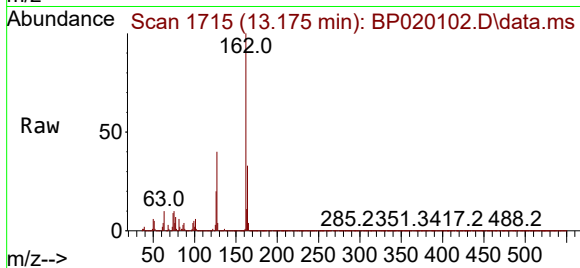
Tgt Ion:162 Resp: 1531394

Ion Ratio Lower Upper

162 100

164 33.2 26.6 39.8

127 40.2 32.1 48.1



#45

2-Nitroaniline

Concen: 88.002 ng/ul

RT: 13.398 min Scan# 1753

Delta R.T. 0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

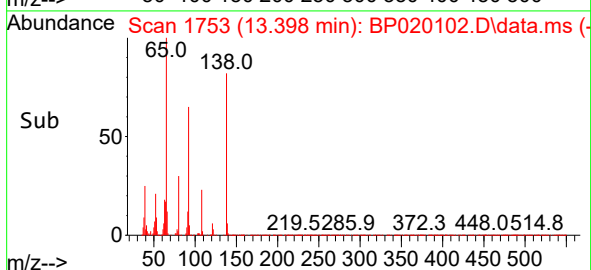
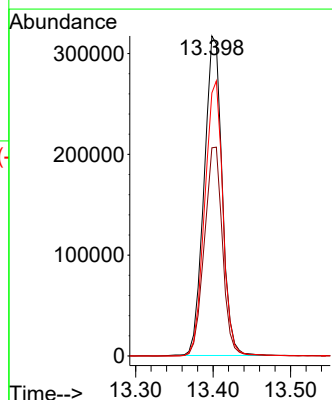
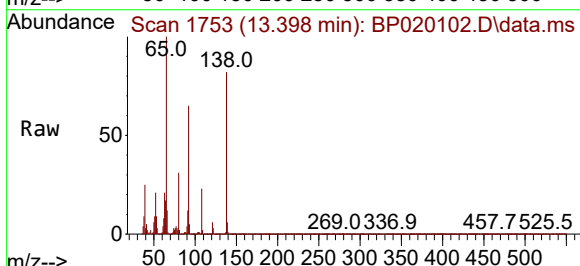
Tgt Ion: 65 Resp: 511521

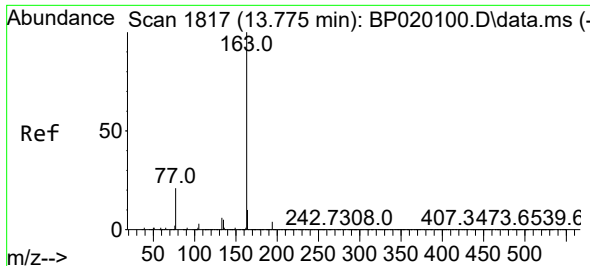
Ion Ratio Lower Upper

65 100

92 65.0 51.3 76.9

138 82.2 64.8 97.2

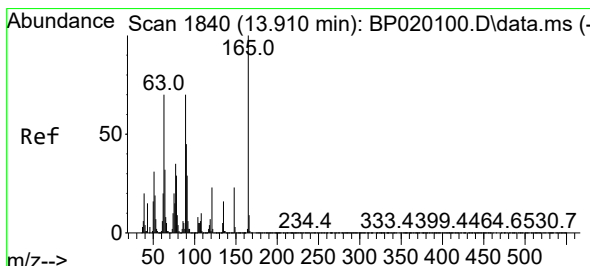
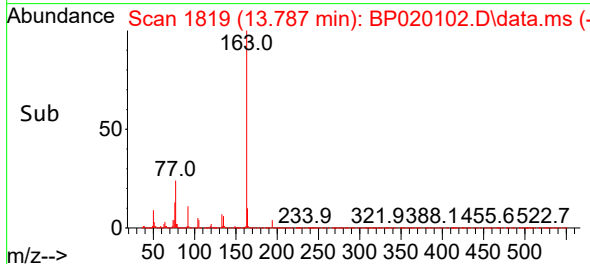
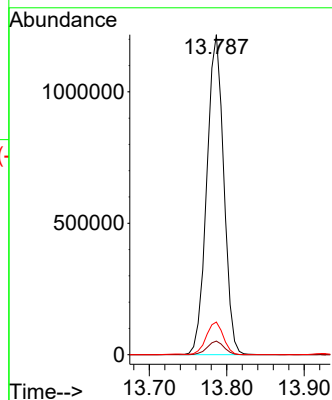
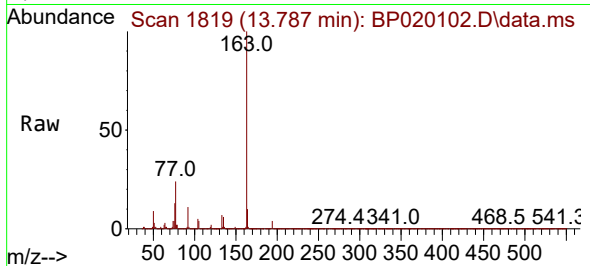




#47
Dimethylphthalate
Concen: 84.540 ng/ul
RT: 13.787 min Scan# 1819
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

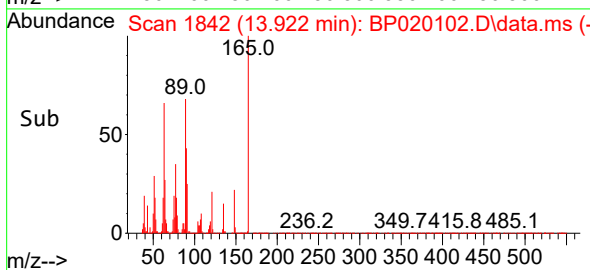
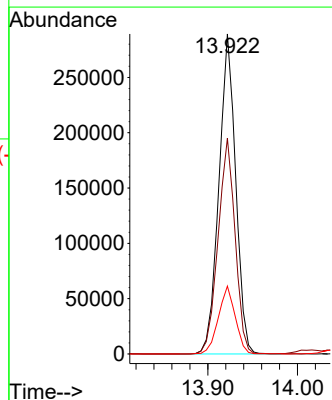
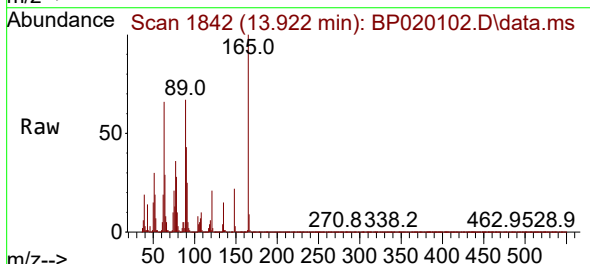
Instrument :
BNA_P
ClientSampleId :
SSTD080620

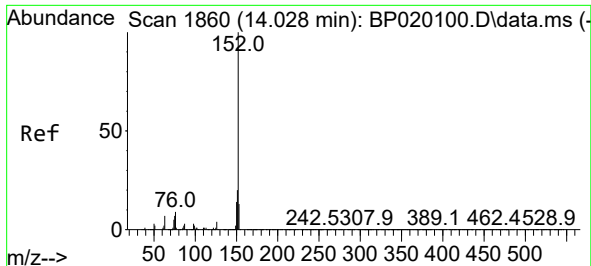
Tgt Ion:163 Resp: 1843717
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 86.110 ng/ul
RT: 13.922 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:165 Resp: 375410
Ion Ratio Lower Upper
165 100
89 67.5 56.1 84.1
121 21.2 18.1 27.1

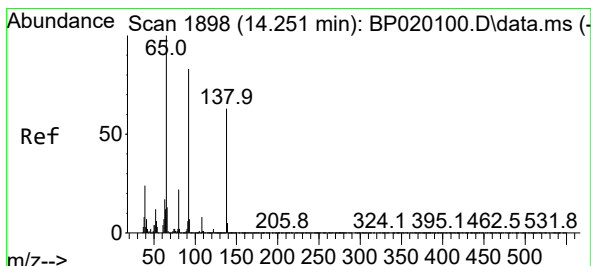
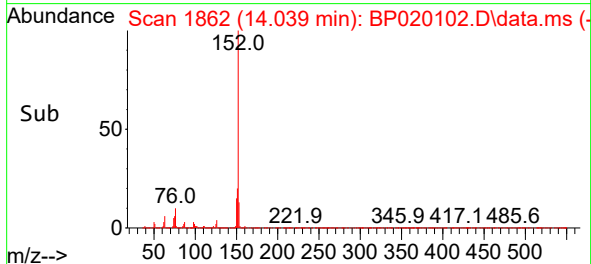
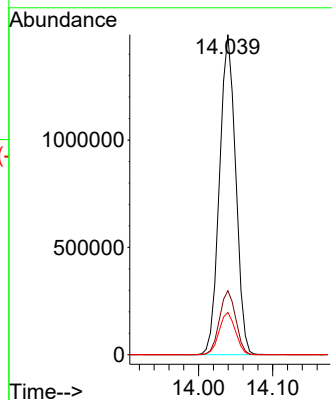
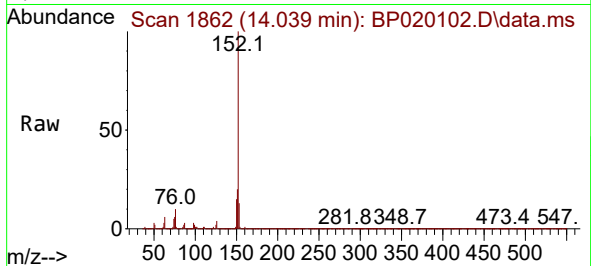




#50
Acenaphthylene
Concen: 80.473 ng/ul
RT: 14.039 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

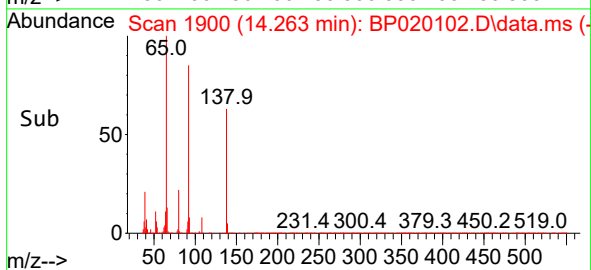
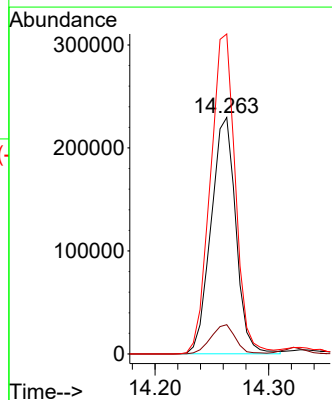
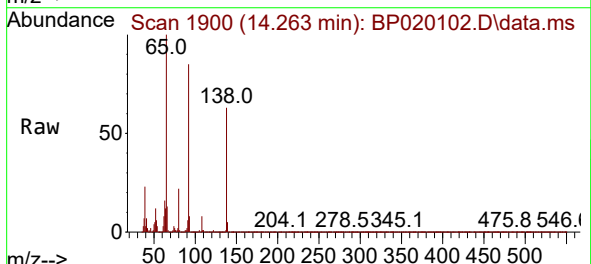
Instrument :
BNA_P
ClientSampleId :
SSTD080620

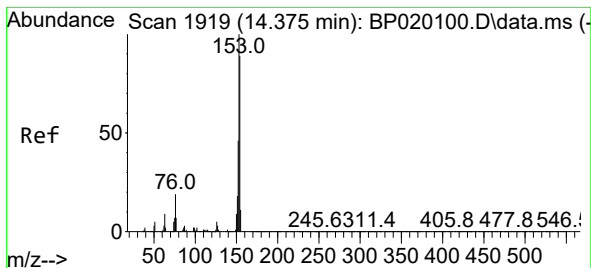
Tgt Ion:152 Resp: 2264309
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 80.995 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:138 Resp: 348422
Ion Ratio Lower Upper
138 100
108 12.4 9.8 14.6
92 135.4 105.1 157.7





#52

Acenaphthene

Concen: 78.772 ng/ul

RT: 14.387 min Scan# 1919

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

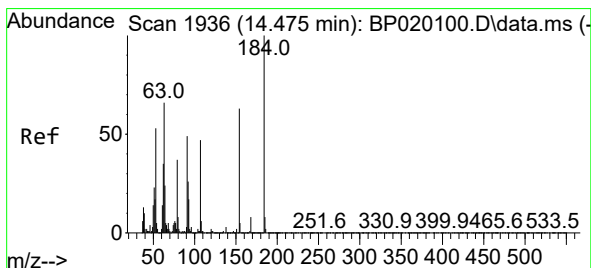
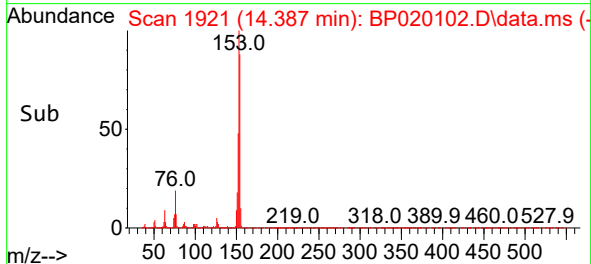
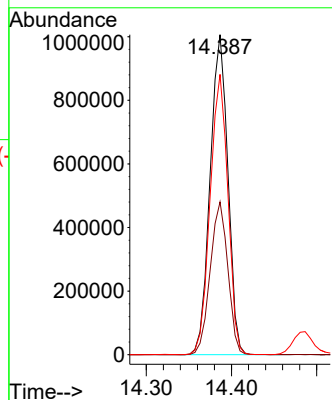
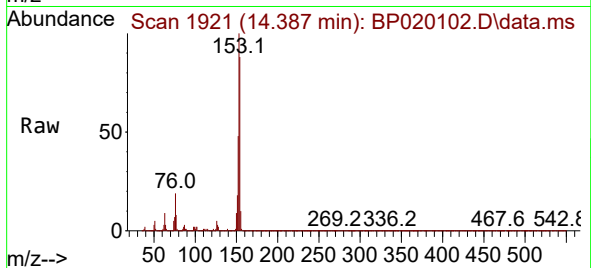
Tgt Ion:153 Resp: 1459150

Ion Ratio Lower Upper

153 100

152 47.7 36.9 55.3

154 87.6 71.6 107.4



#53

2,4-Dinitrophenol

Concen: 94.559 ng/ul

RT: 14.487 min Scan# 1938

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

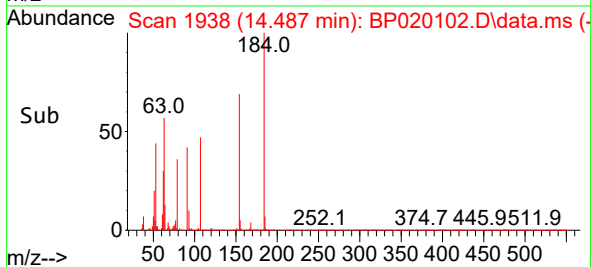
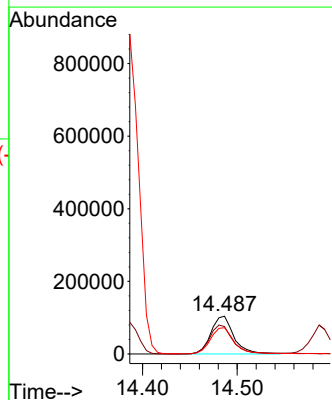
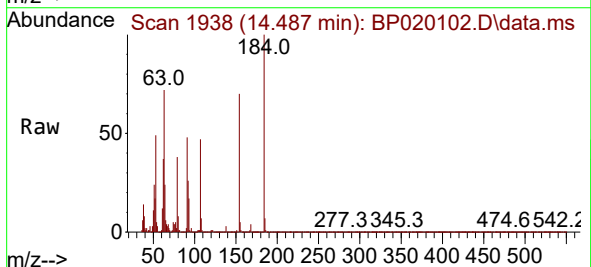
Tgt Ion:184 Resp: 175205

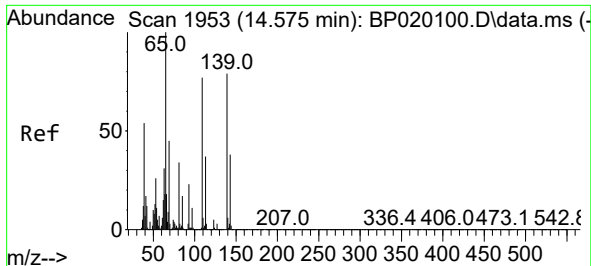
Ion Ratio Lower Upper

184 100

63 72.3 53.3 79.9

154 69.5 51.8 77.6

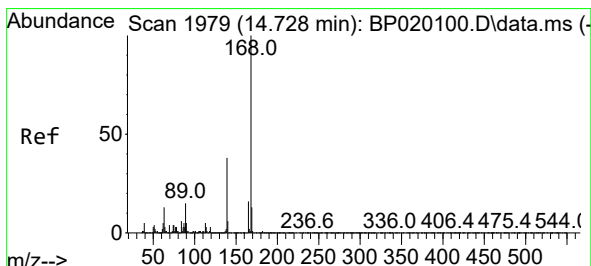
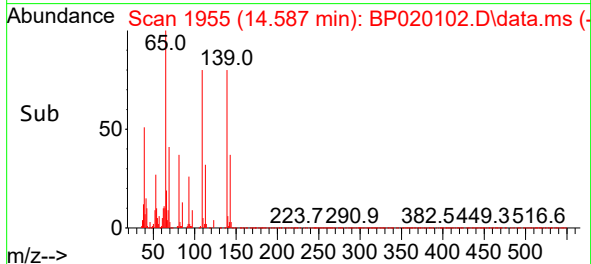
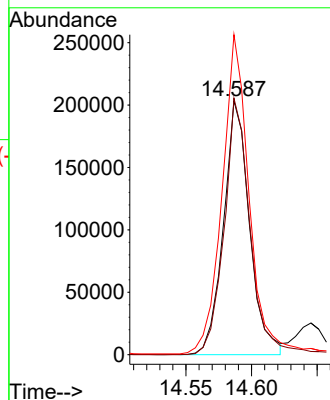
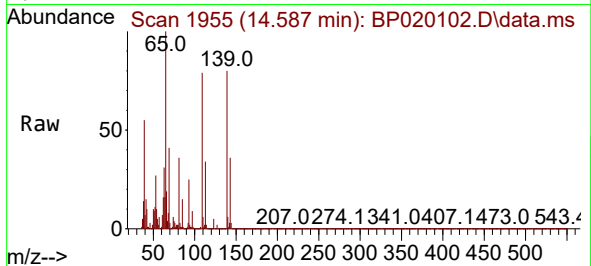




#55
4-Nitrophenol
Concen: 83.906 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

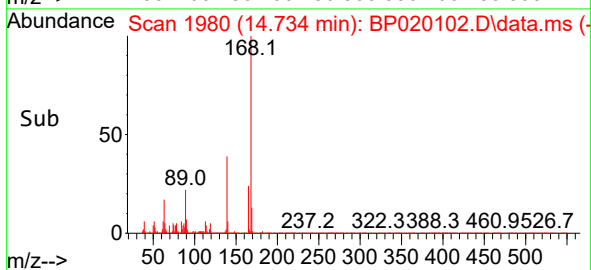
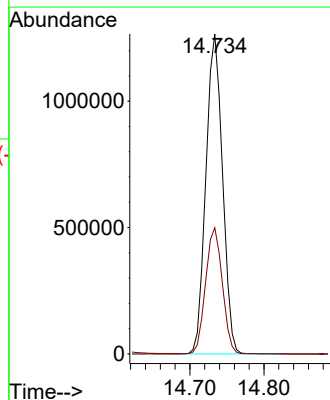
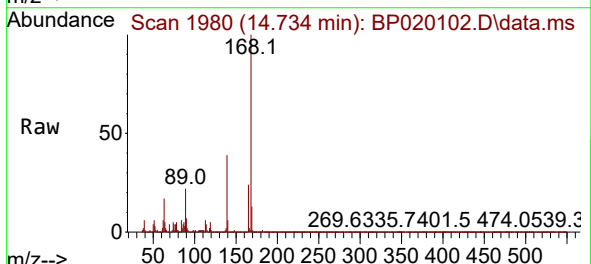
Instrument :
BNA_P
ClientSampleId :
SSTD080620

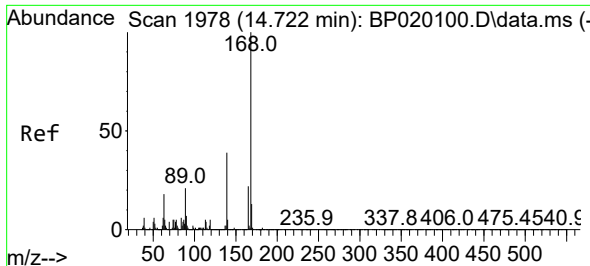
Tgt Ion:109 Resp: 280425
Ion Ratio Lower Upper
109 100
139 101.0 81.4 122.2
65 126.0 104.3 156.5



#56
Dibenzofuran
Concen: 76.920 ng/ul
RT: 14.734 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:168 Resp: 1971962
Ion Ratio Lower Upper
168 100
139 39.5 30.6 46.0

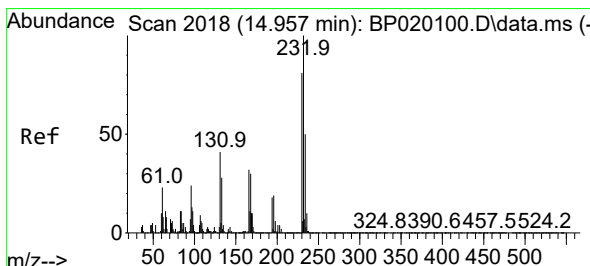
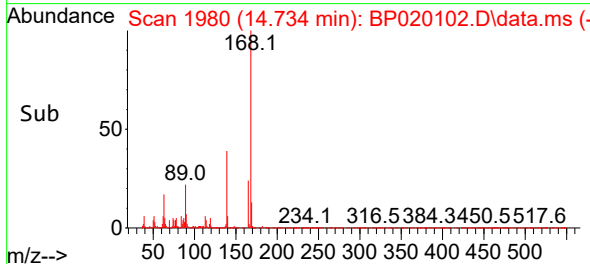
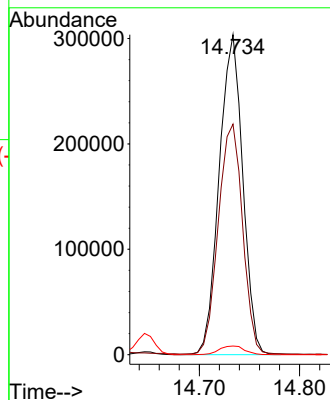
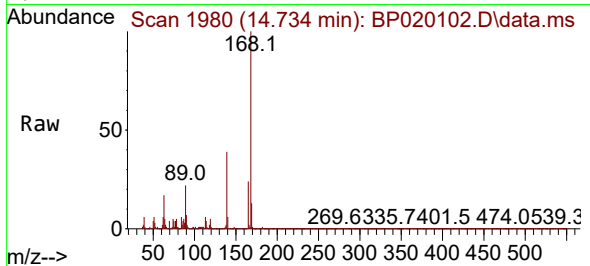




#57
2,4-Dinitrotoluene
Concen: 79.930 ng/ul
RT: 14.734 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

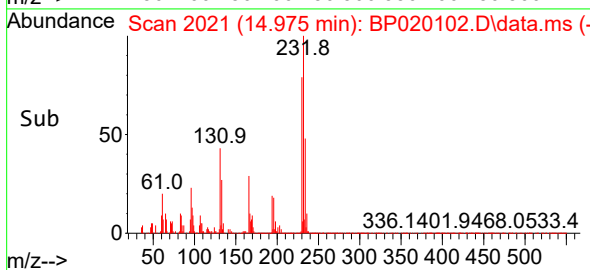
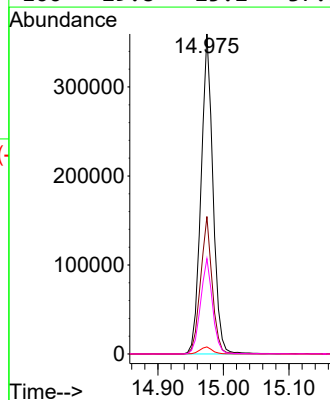
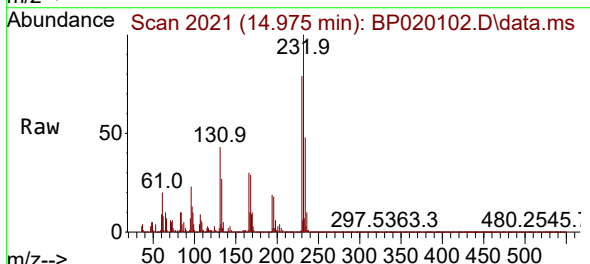
Instrument :
BNA_P
ClientSampleId :
SSTD080620

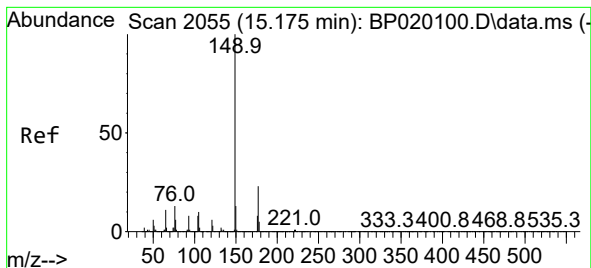
Tgt Ion:165 Resp: 494213
Ion Ratio Lower Upper
165 100
63 72.0 63.2 94.8
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 76.807 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. 0.018 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:232 Resp: 457387
Ion Ratio Lower Upper
232 100
131 43.0 33.2 49.8
130 2.2 2.2 3.2
166 29.8 25.2 37.8





#59

Diethylphthalate

Concen: 78.964 ng/ul

RT: 15.192 min Scan# 2058

Delta R.T. 0.018 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

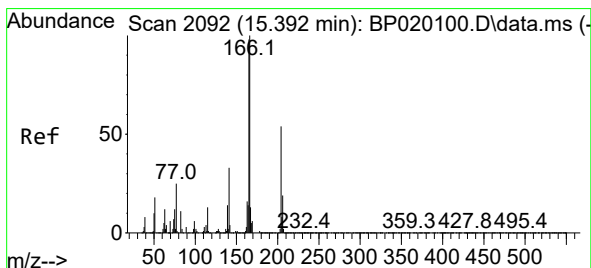
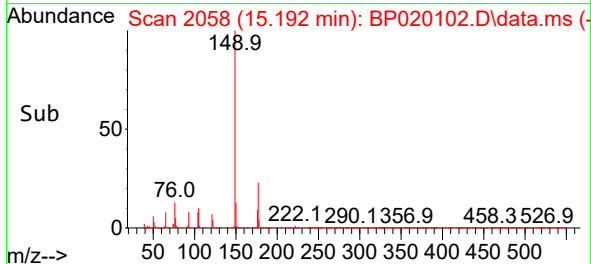
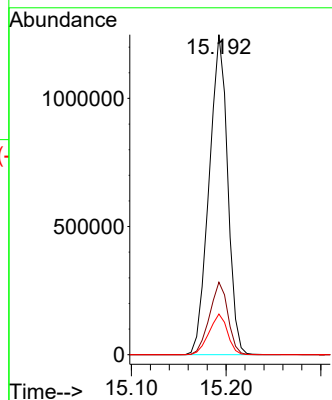
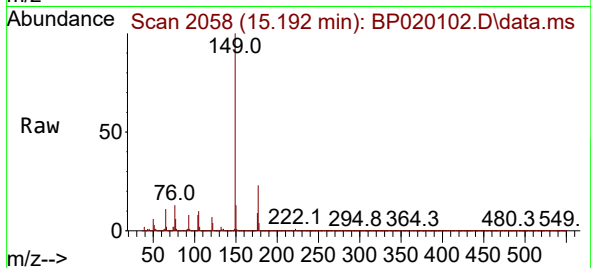
Tgt Ion:149 Resp: 1693921

Ion Ratio Lower Upper

149 100

177 22.6 18.3 27.5

150 12.7 10.0 15.0



#61

Fluorene

Concen: 75.330 ng/ul

RT: 15.404 min Scan# 2094

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

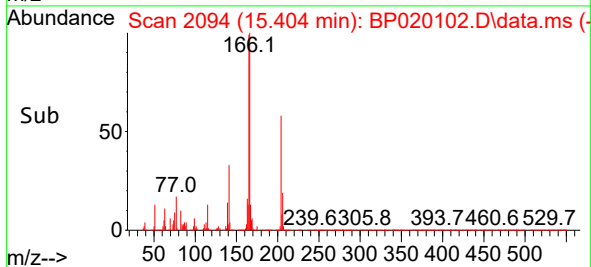
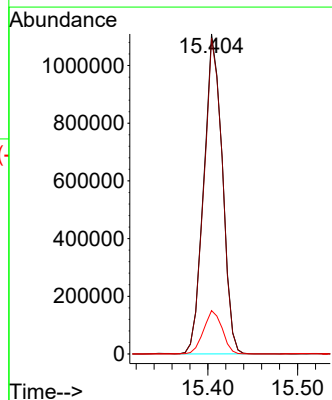
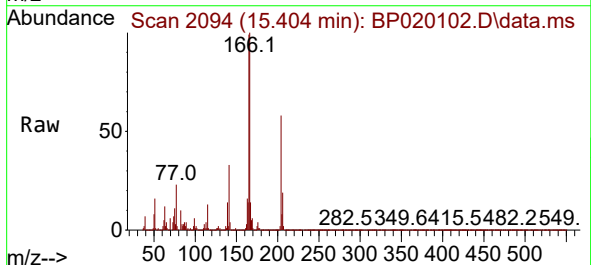
Tgt Ion:166 Resp: 1587459

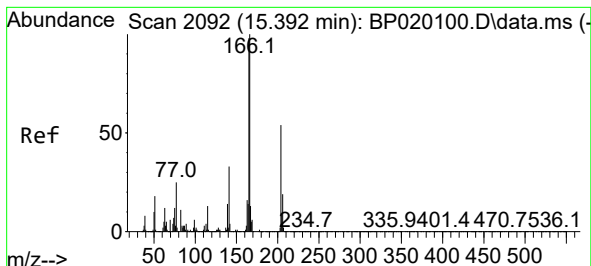
Ion Ratio Lower Upper

166 100

165 98.8 78.0 117.0

167 13.5 10.4 15.6

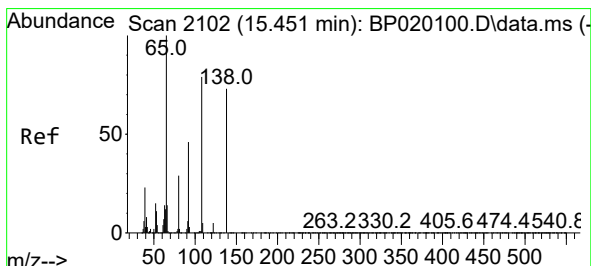
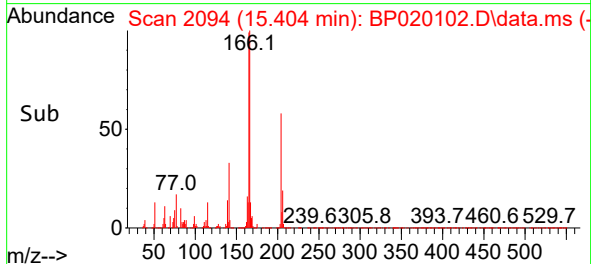
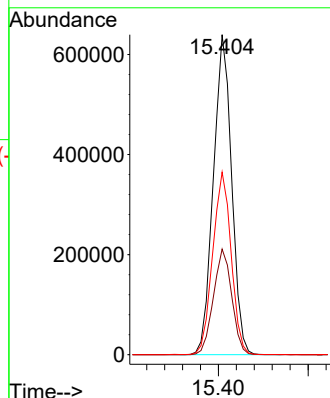
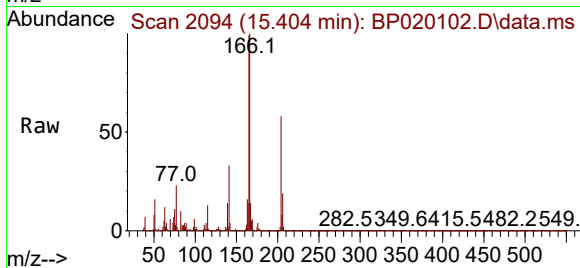




#62
4-Chlorophenyl-phenylether
Concen: 78.916 ng/ul
RT: 15.404 min Scan# 2092
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

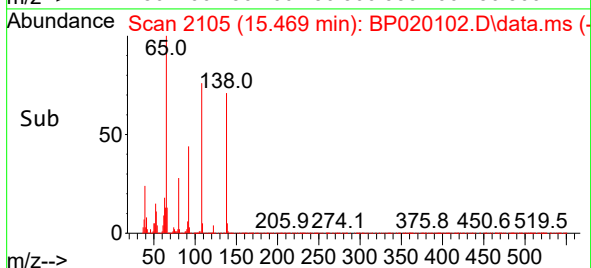
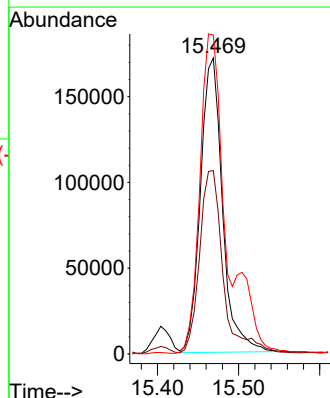
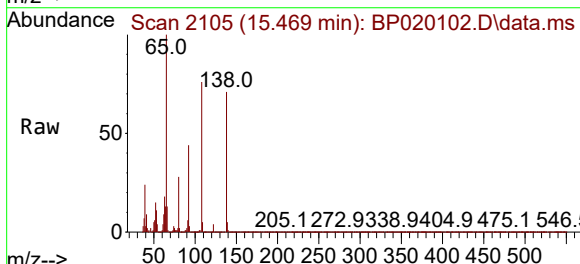
Instrument :
BNA_P
ClientSampleId :
SSTD080620

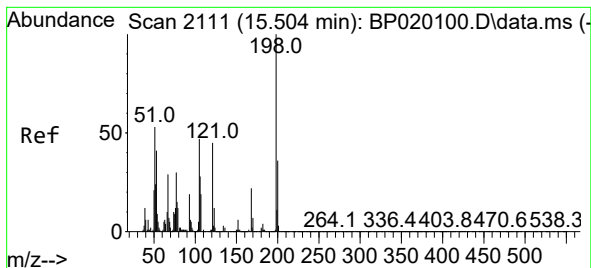
Tgt Ion:204 Resp: 903728
Ion Ratio Lower Upper
204 100
206 33.0 27.4 41.2
141 57.0 48.8 73.2



#63
4-Nitroaniline
Concen: 81.646 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. 0.018 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:138 Resp: 323962
Ion Ratio Lower Upper
138 100
92 61.9 49.8 74.8
108 107.8 85.4 128.0

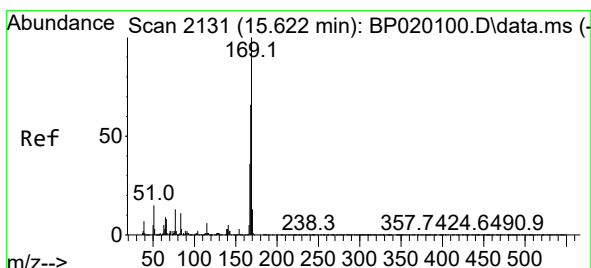
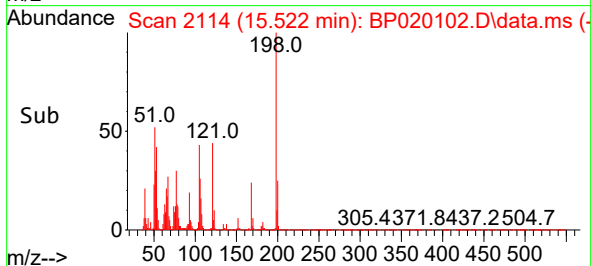
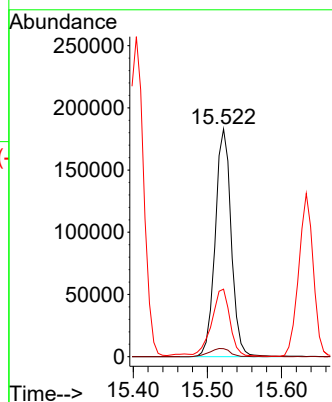
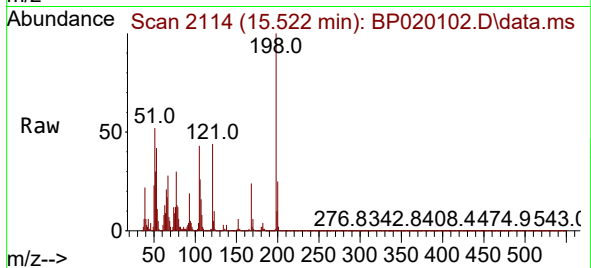




#66
4,6-Dinitro-2-methylphenol
Concen: 91.943 ng/ul
RT: 15.522 min Scan# 2111
Delta R.T. 0.018 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

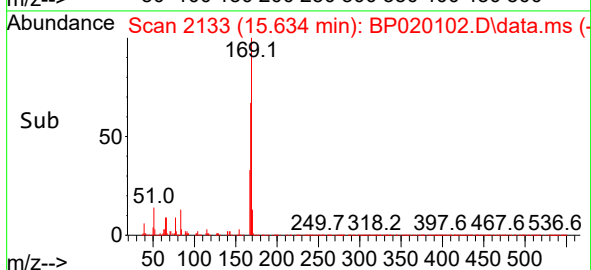
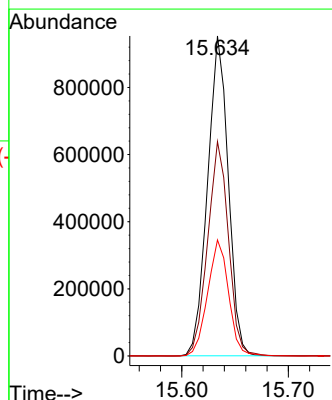
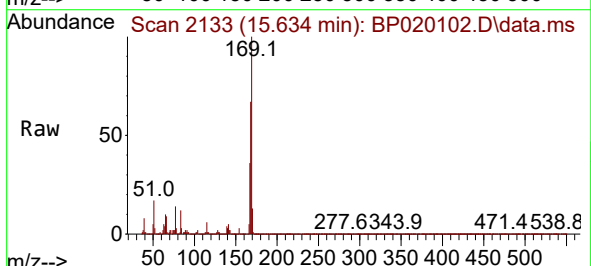
Instrument :
BNA_P
ClientSampleId :
SSTD080620

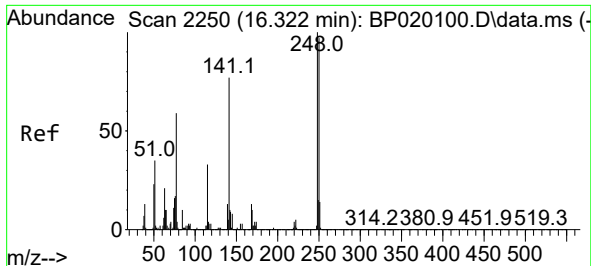
Tgt Ion:198 Resp: 273628
Ion Ratio Lower Upper
198 100
182 3.5 3.0 4.6
77 29.7 24.9 37.3



#67
N-Nitrosodiphenylamine
Concen: 82.299 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:169 Resp: 1285218
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.4
167 36.2 28.9 43.3

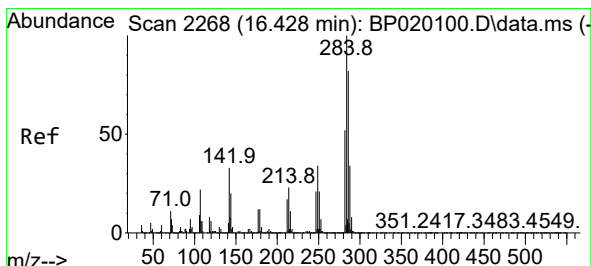
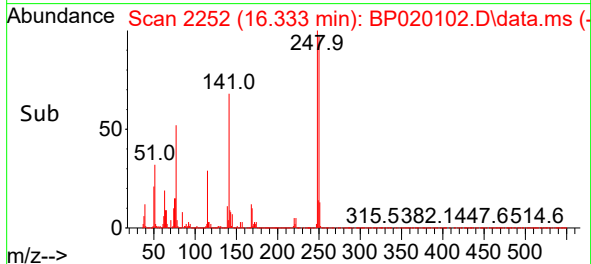
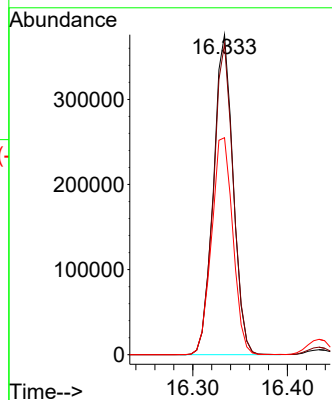
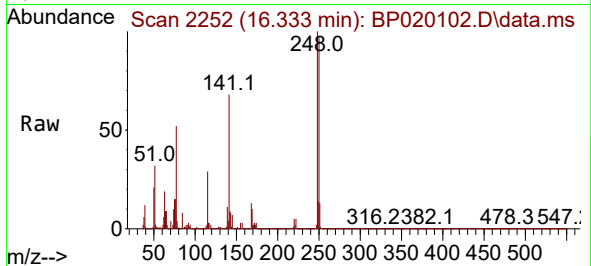




#68
4-Bromophenyl-phenylether
Concen: 84.032 ng/ul
RT: 16.333 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

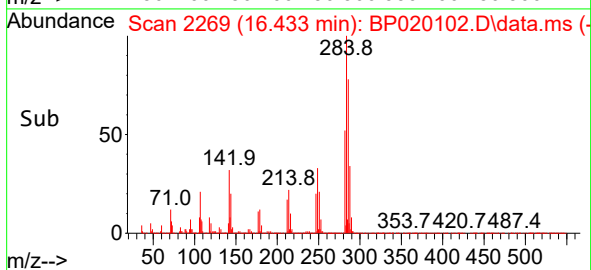
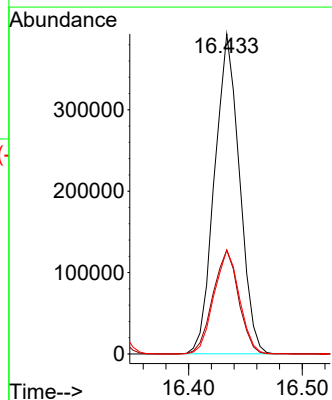
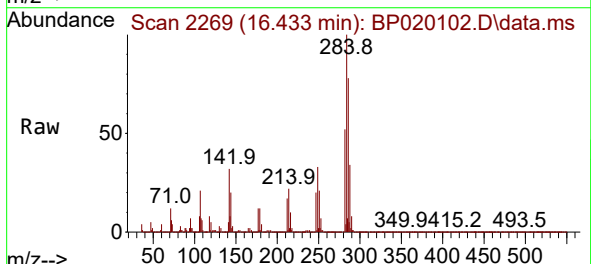
Instrument :
BNA_P
ClientSampleId :
SSTD080620

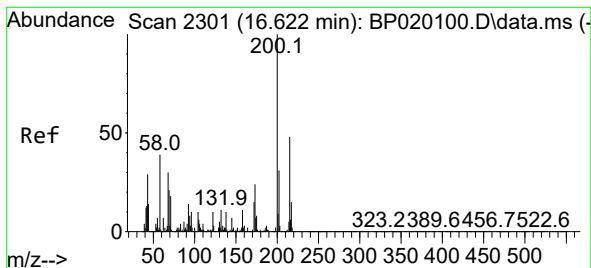
Tgt Ion:248 Resp: 542707
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 67.8 61.4 92.0



#69
Hexachlorobenzene
Concen: 81.953 ng/ul
RT: 16.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:284 Resp: 599316
Ion Ratio Lower Upper
284 100
142 32.5 26.2 39.2
249 32.5 27.0 40.4





#70

Atrazine

Concen: 79.122 ng/ul

RT: 16.639 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

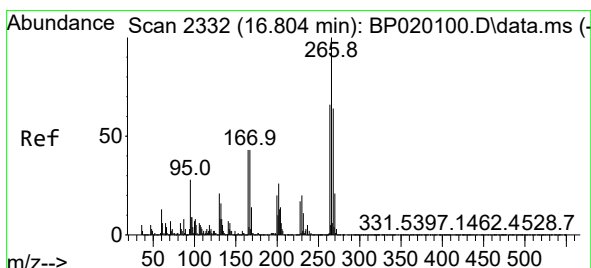
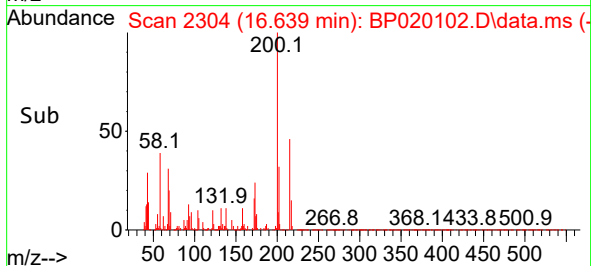
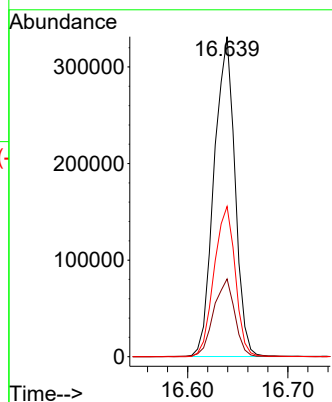
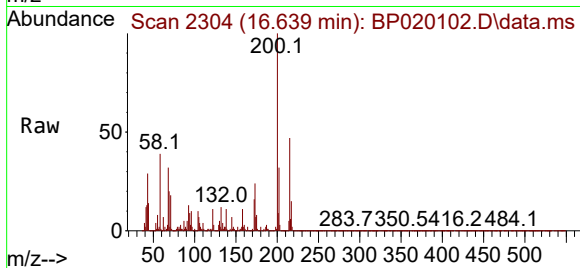
Tgt Ion:200 Resp: 478910

Ion Ratio Lower Upper

200 100

173 24.3 19.1 28.7

215 47.0 38.1 57.1



#71

Pentachlorophenol

Concen: 84.744 ng/ul

RT: 16.810 min Scan# 2333

Delta R.T. 0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

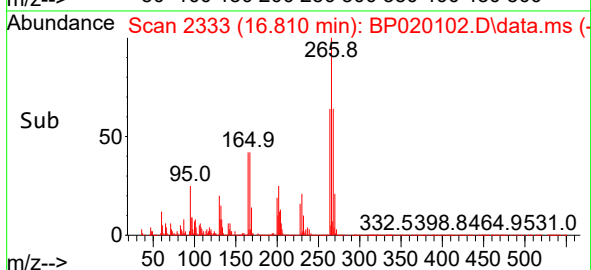
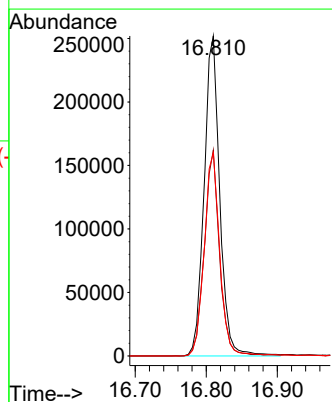
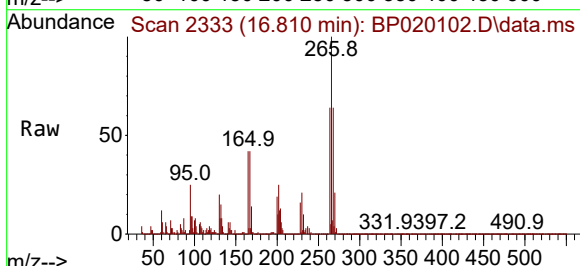
Tgt Ion:266 Resp: 387091

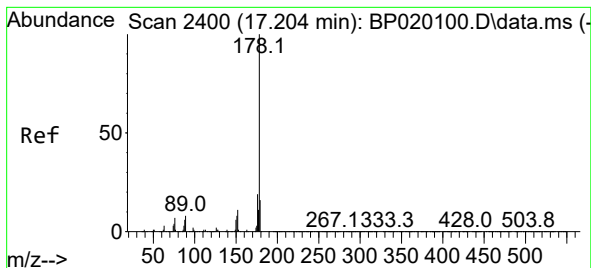
Ion Ratio Lower Upper

266 100

264 64.3 52.8 79.2

268 63.5 51.6 77.4





#72

Phenanthrene

Concen: 80.517 ng/ul

RT: 17.216 min Scan# 2402

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

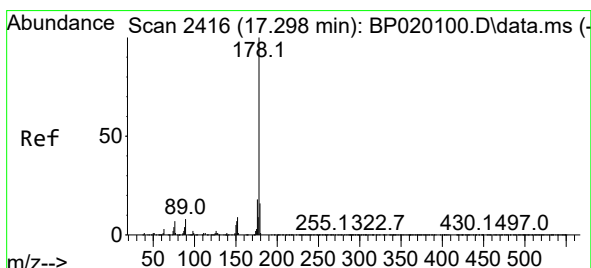
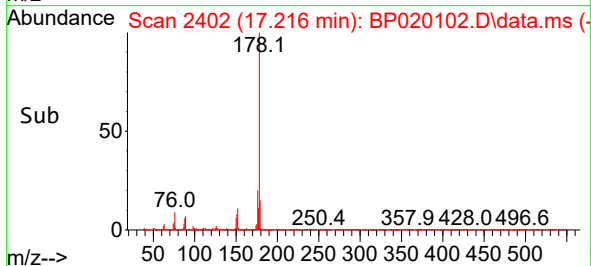
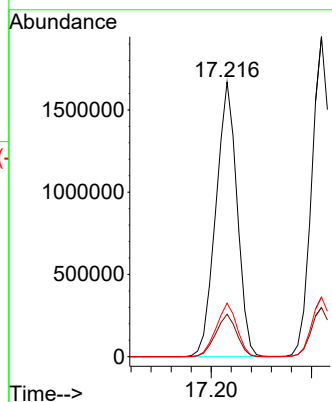
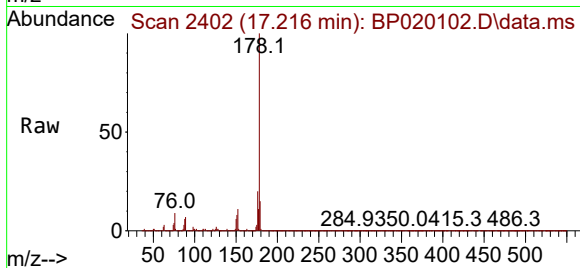
Tgt Ion:178 Resp: 2446251

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 19.5 15.0 22.4



#74

Anthracene

Concen: 80.178 ng/ul

RT: 17.310 min Scan# 2418

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

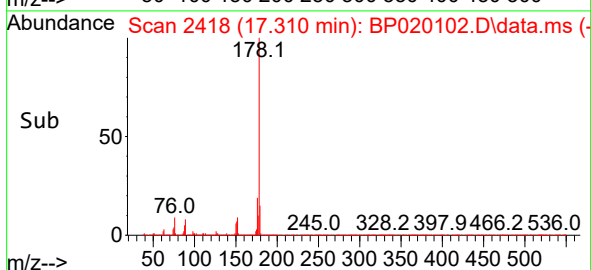
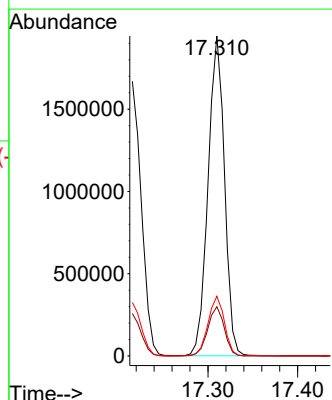
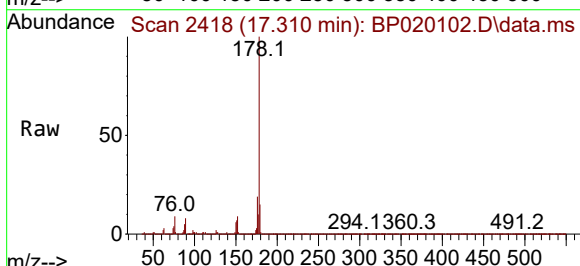
Tgt Ion:178 Resp: 2474414

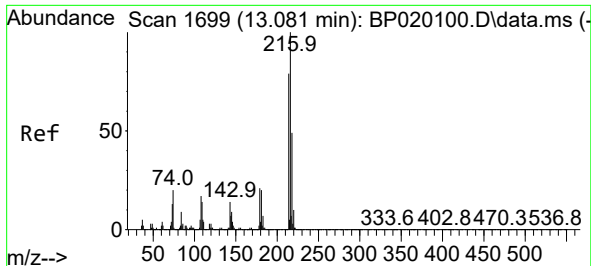
Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 18.7 14.6 21.8

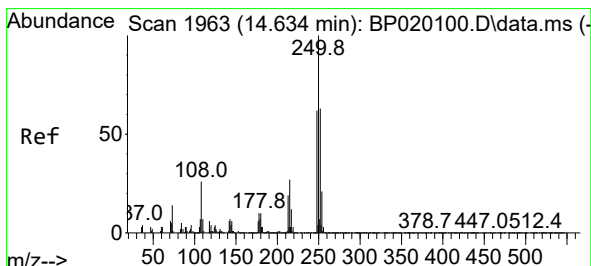
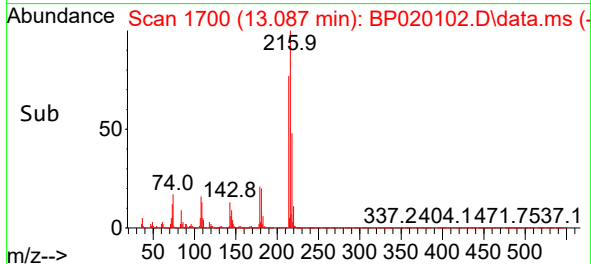
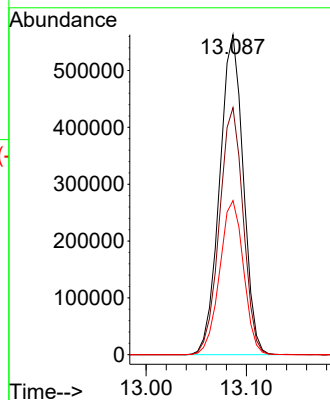
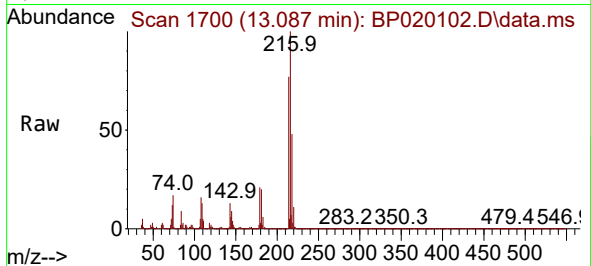




#75
1,2,3,4-Tetrachlorobenzene
Concen: 96.090 ng/uL
RT: 13.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

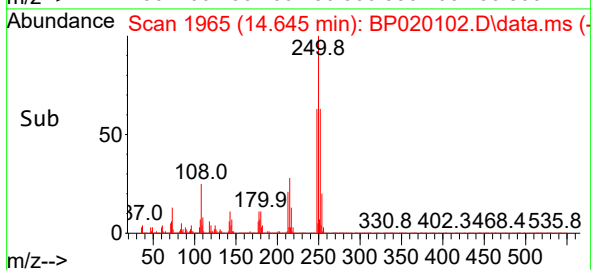
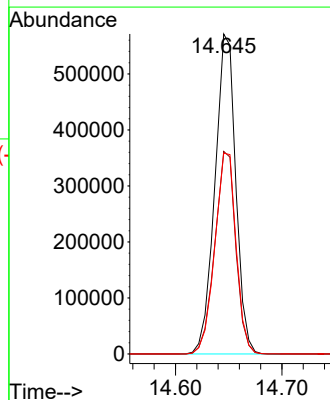
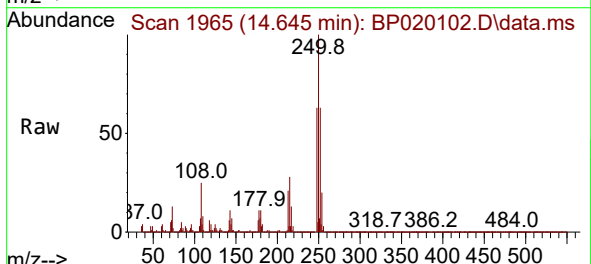
Instrument :
BNA_P
ClientSampleId :
SSTD080620

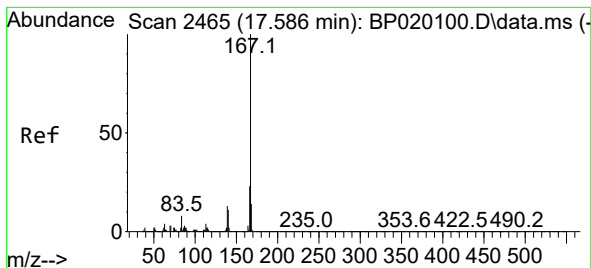
Tgt Ion:216 Resp: 920707
Ion Ratio Lower Upper
216 100
214 77.2 63.0 94.6
218 48.1 38.8 58.2



#76
Pentachlorobenzene
Concen: 87.536 ng/uL
RT: 14.645 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BP020102.D
Acq: 23 Apr 2024 12:57

Tgt Ion:250 Resp: 776579
Ion Ratio Lower Upper
250 100
248 63.3 49.5 74.3
252 62.7 50.5 75.7





#77

Carbazole

Concen: 79.667 ng/ul

RT: 17.604 min Scan# 2468

Delta R.T. 0.018 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

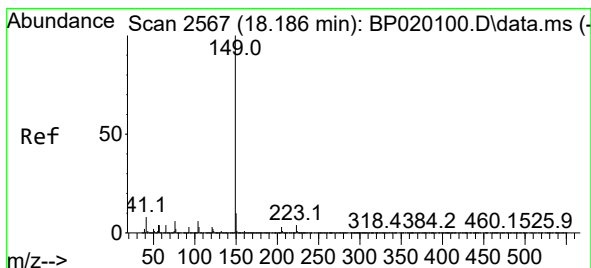
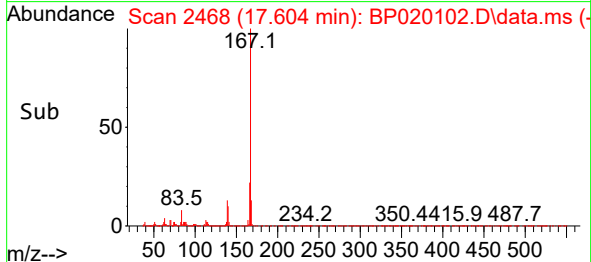
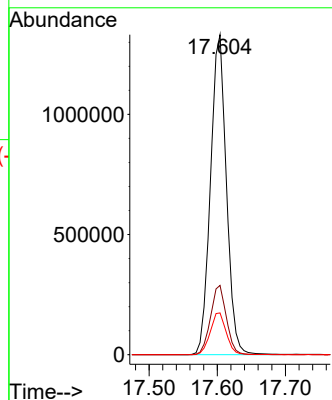
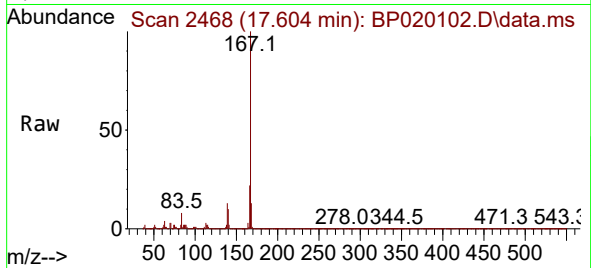
Tgt Ion:167 Resp: 2164903

Ion Ratio Lower Upper

167 100

166 21.7 18.0 27.0

139 13.1 10.6 16.0



#78

Di-n-butylphthalate

Concen: 79.820 ng/ul

RT: 18.198 min Scan# 2569

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

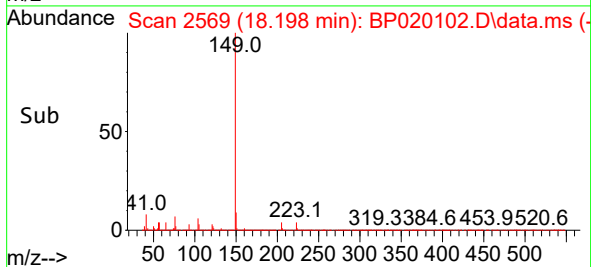
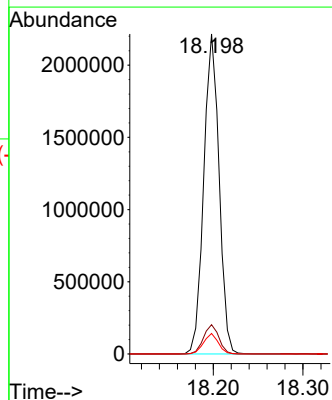
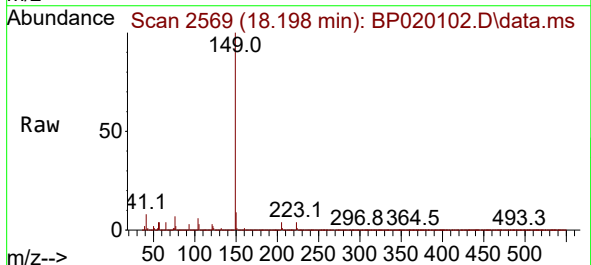
Tgt Ion:149 Resp: 2622969

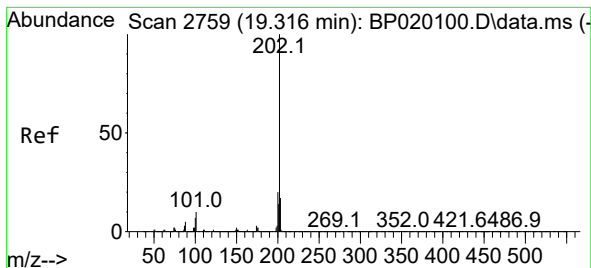
Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 6.4 4.9 7.3





#80

Fluoranthene

Concen: 79.544 ng/ul

RT: 19.322 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

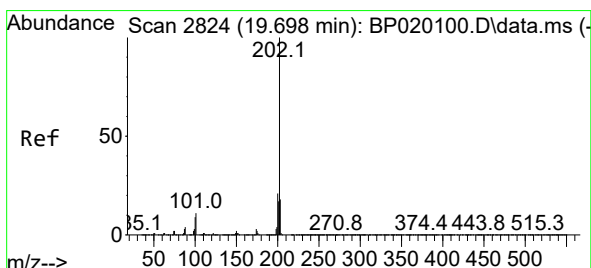
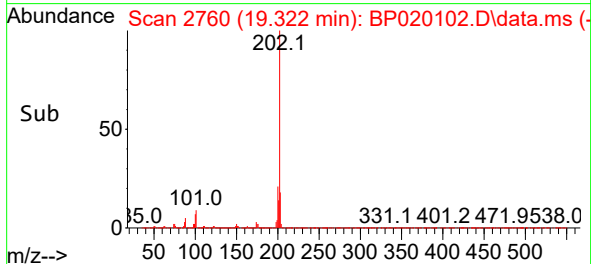
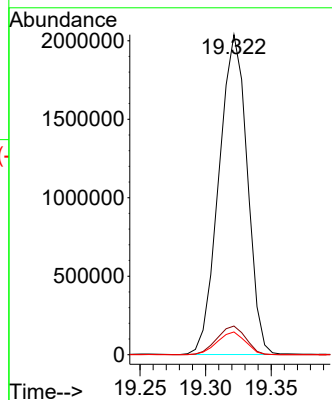
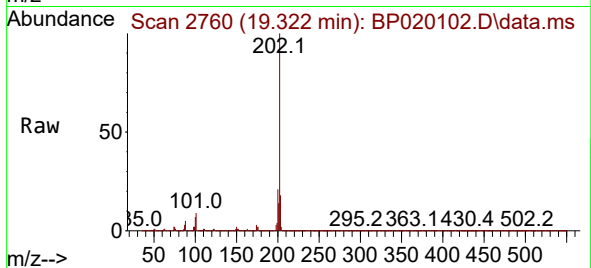
Tgt Ion:202 Resp: 3063687

Ion Ratio Lower Upper

202 100

101 9.0 7.7 11.5

100 7.1 5.9 8.9



#82

Pyrene

Concen: 78.480 ng/ul

RT: 19.704 min Scan# 2825

Delta R.T. 0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

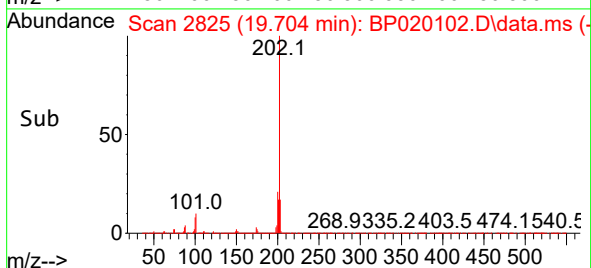
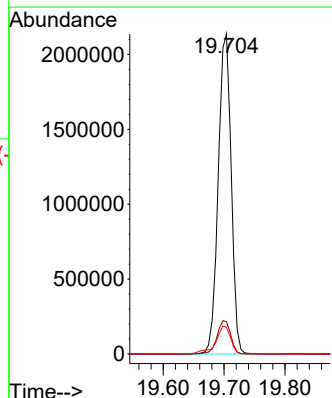
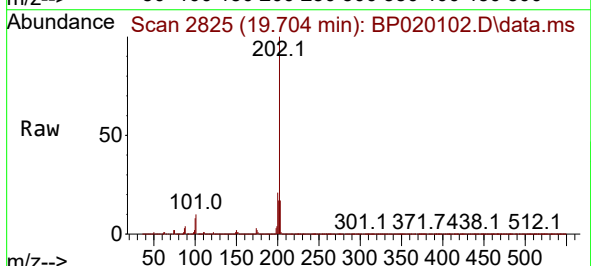
Tgt Ion:202 Resp: 3149710

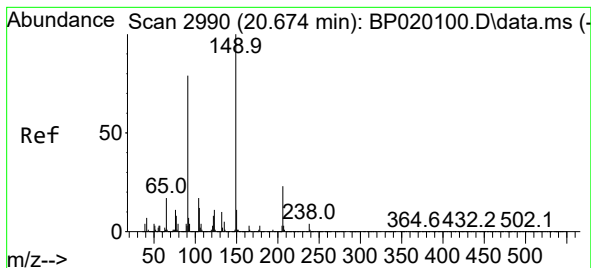
Ion Ratio Lower Upper

202 100

101 10.1 9.1 13.7

100 8.3 7.3 10.9





#83

Butylbenzylphthalate

Concen: 79.988 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. 0.000 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

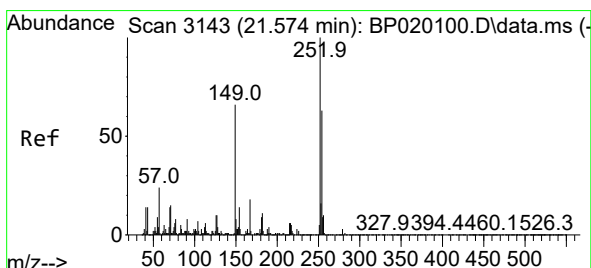
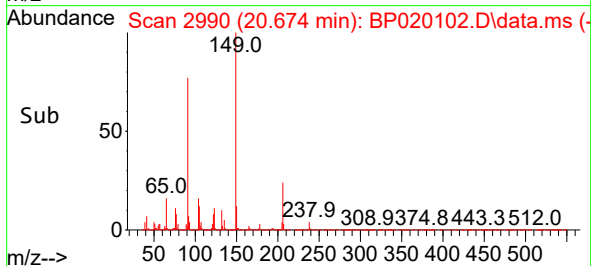
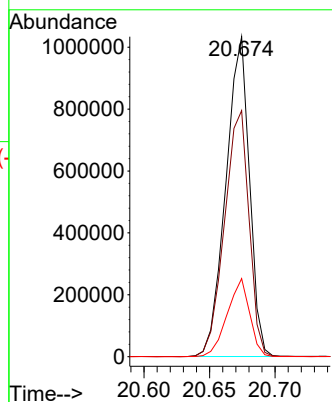
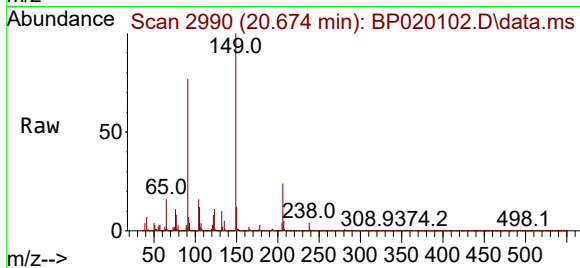
Tgt Ion:149 Resp: 1291279

Ion Ratio Lower Upper

149 100

91 76.9 63.3 94.9

206 24.4 18.4 27.6



#84

3,3'-Dichlorobenzidine

Concen: 73.102 ng/ul

RT: 21.569 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

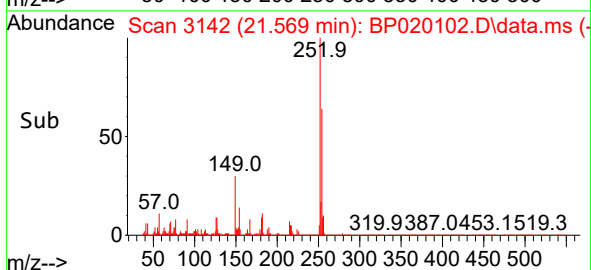
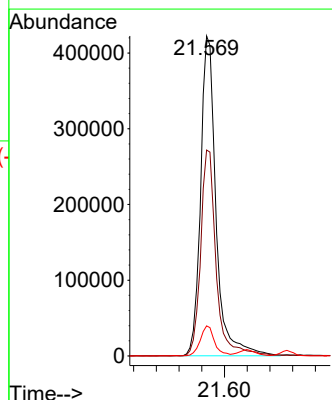
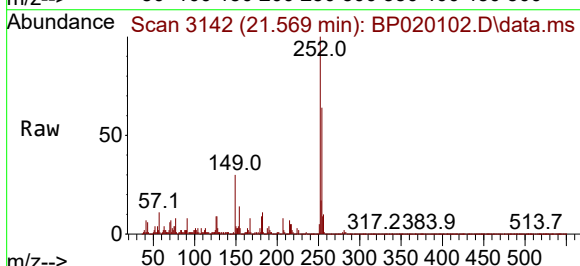
Tgt Ion:252 Resp: 798437

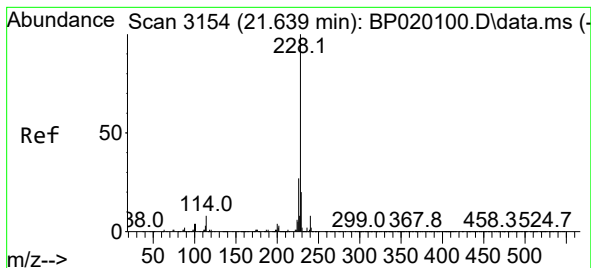
Ion Ratio Lower Upper

252 100

254 64.4 50.6 75.8

126 9.4 7.8 11.6





#85

Benzo(a)anthracene

Concen: 79.726 ng/ul

RT: 21.639 min Scan# 3154

Delta R.T. -0.000 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

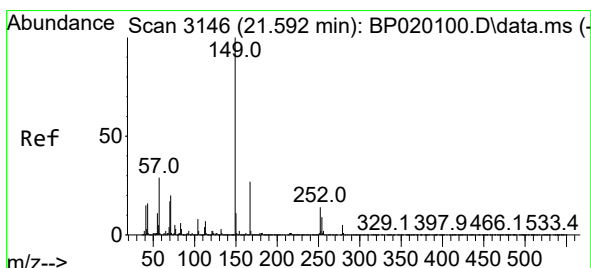
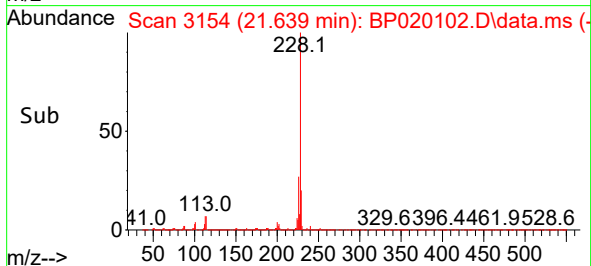
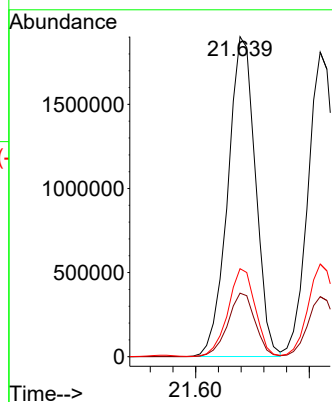
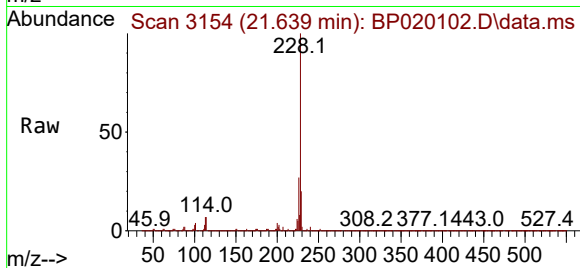
Tgt Ion:228 Resp: 3213833

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 27.5 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 79.062 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

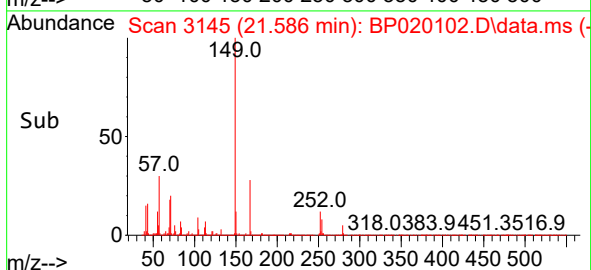
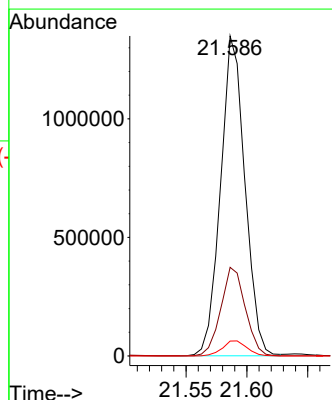
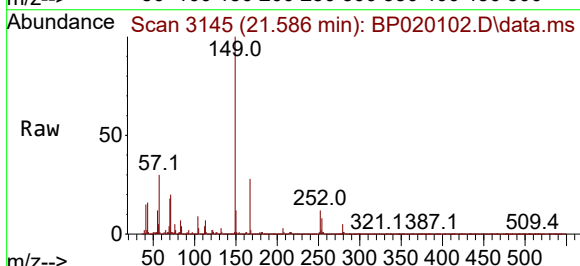
Tgt Ion:149 Resp: 1876529

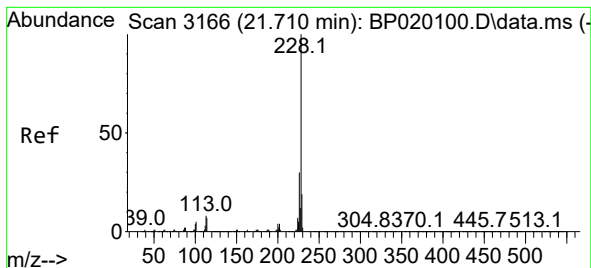
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.7 3.8 5.8





#87

Chrysene

Concen: 81.013 ng/ul

RT: 21.710 min Scan# 3166

Delta R.T. -0.000 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

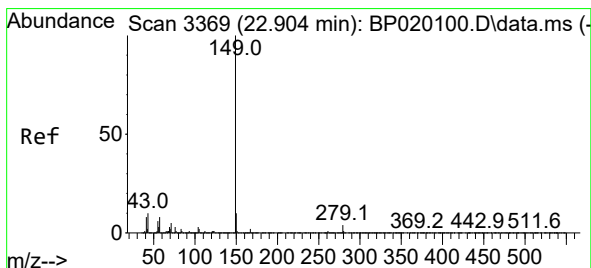
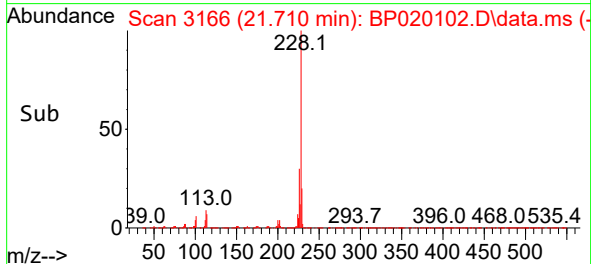
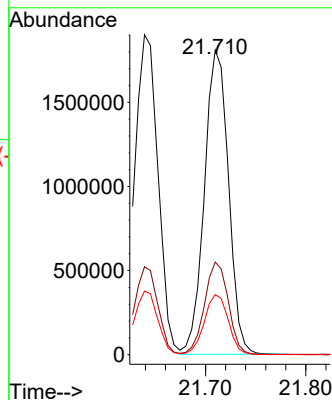
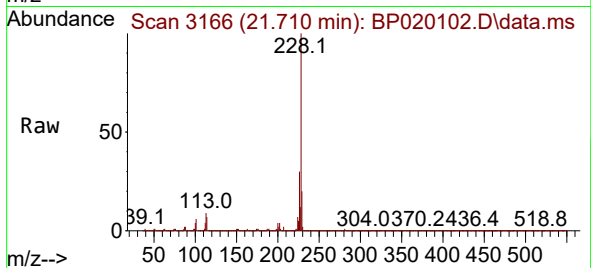
Tgt Ion:228 Resp: 3021041

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 79.508 ng/ul

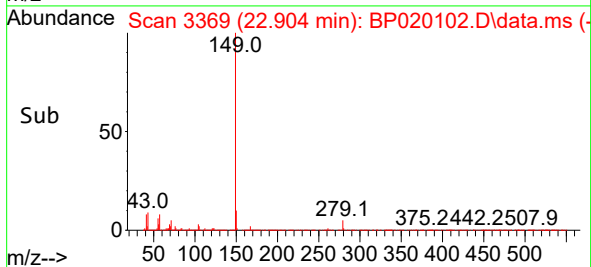
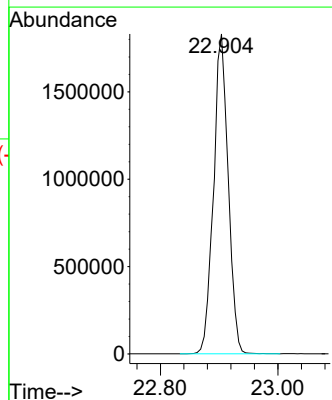
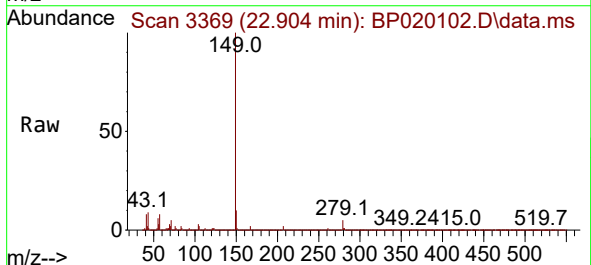
RT: 22.904 min Scan# 3369

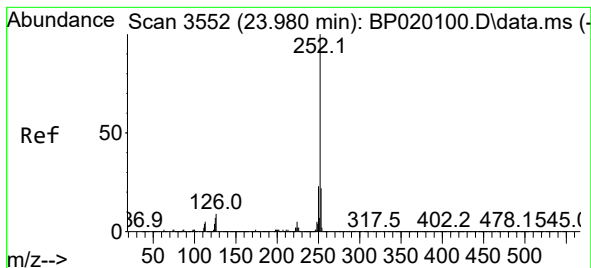
Delta R.T. -0.000 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Tgt Ion:149 Resp: 3168994





#90

Benzo(b)fluoranthene

Concen: 81.557 ng/ul

RT: 23.992 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

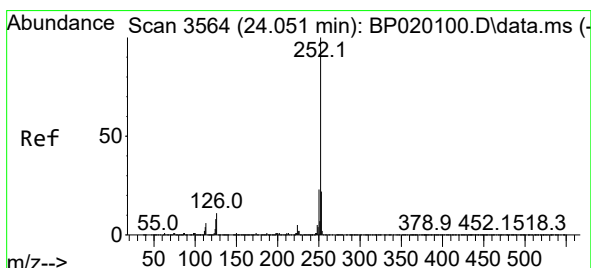
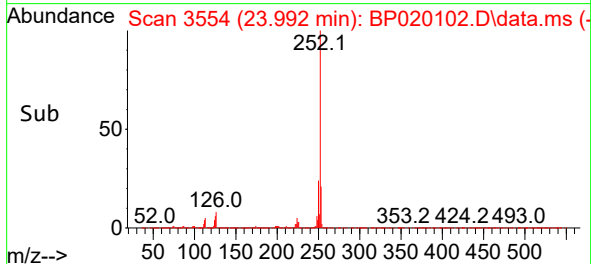
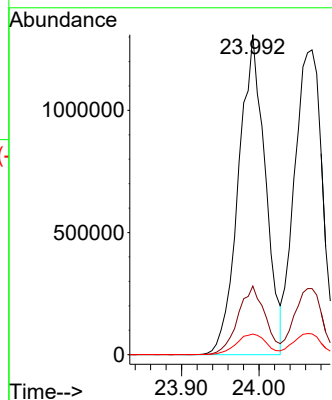
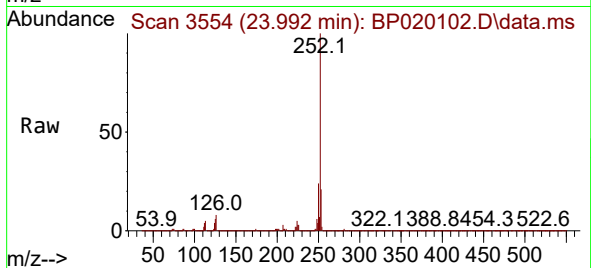
Tgt Ion:252 Resp: 3138542

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 6.4 5.7 8.5



#91

Benzo(k)fluoranthene

Concen: 82.397 ng/ul

RT: 24.068 min Scan# 3567

Delta R.T. 0.018 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

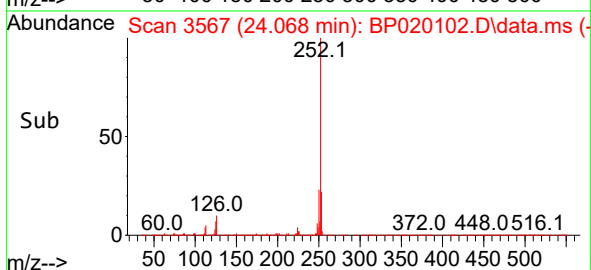
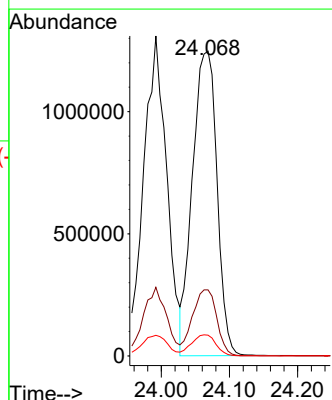
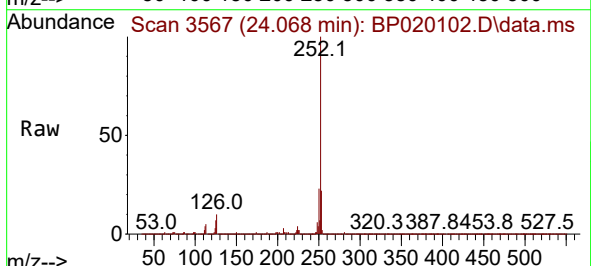
Tgt Ion:252 Resp: 3105602

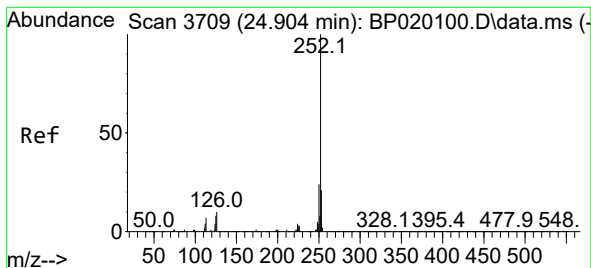
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 6.8 6.2 9.4





#93

Benzo(a)pyrene

Concen: 83.387 ng/ul

RT: 24.910 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

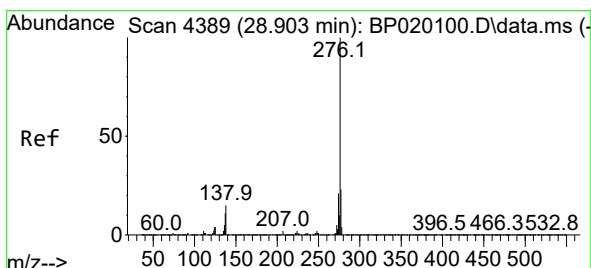
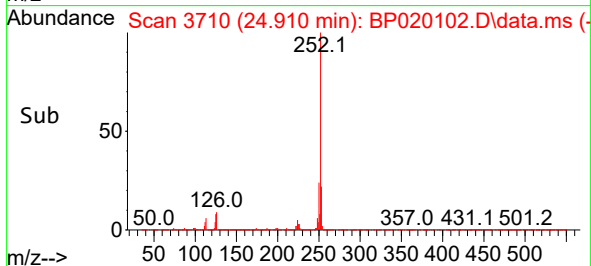
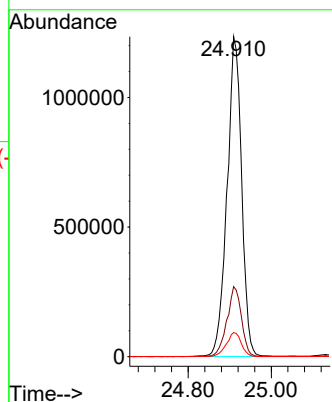
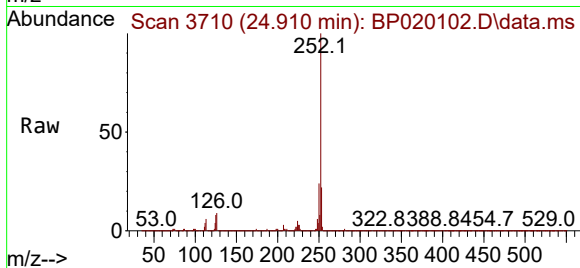
Tgt Ion:252 Resp: 2999623

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

125 7.6 6.5 9.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 66.925 ng/ul

RT: 28.945 min Scan# 4396

Delta R.T. 0.041 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

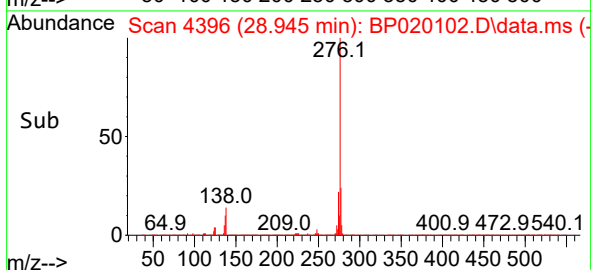
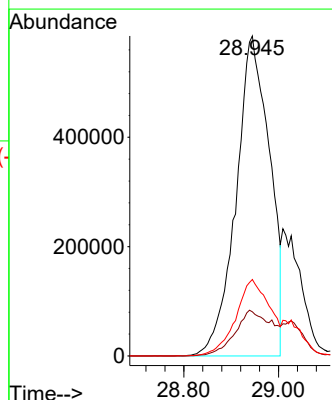
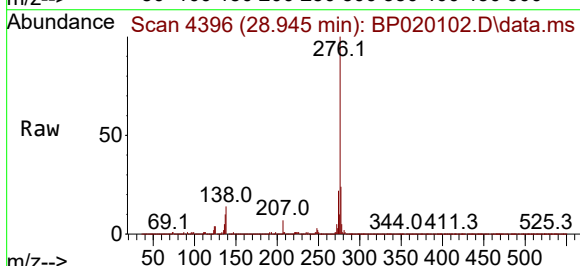
Tgt Ion:276 Resp: 2881097

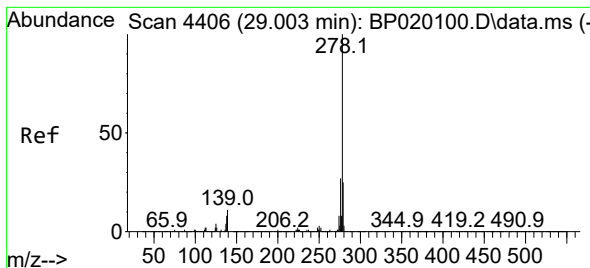
Ion Ratio Lower Upper

276 100

138 13.8 11.7 17.5

277 23.9 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 39.847 ng/ul

RT: 29.015 min Scan# 4408

Delta R.T. 0.012 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Instrument :

BNA_P

ClientSampleId :

SSTD080620

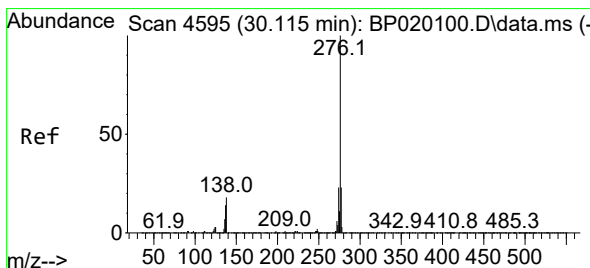
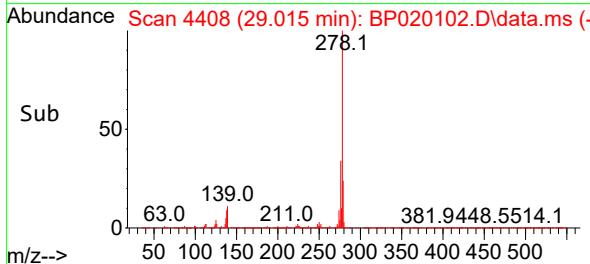
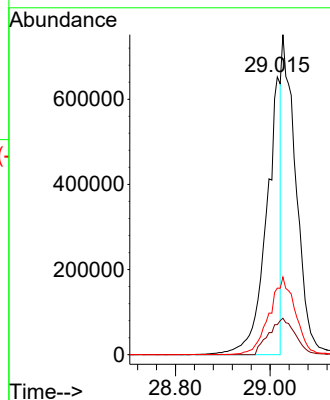
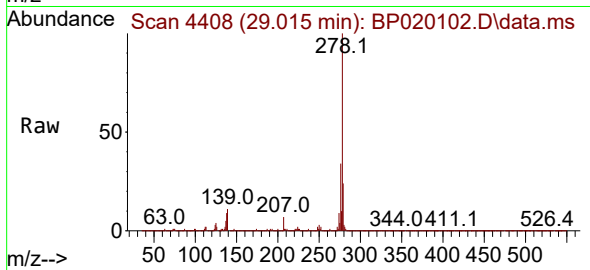
Tgt Ion:278 Resp: 1408591

Ion Ratio Lower Upper

278 100

139 10.8 8.8 13.2

279 24.0 20.3 30.5



#96

Benzo(g,h,i)perylene

Concen: 61.497 ng/ul

RT: 30.150 min Scan# 4601

Delta R.T. 0.035 min

Lab File: BP020102.D

Acq: 23 Apr 2024 12:57

Tgt Ion:276 Resp: 2077464

Ion Ratio Lower Upper

276 100

138 15.0 14.2 21.4

277 23.4 18.7 28.1

