

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020031.D
 Acq On : 19 Apr 2024 16:49
 Operator : MA/JU
 Sample : SSTD01089
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010610

Quant Time: Apr 20 00:35:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 00:34:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	85050	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	346503	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	229024	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	508009	20.000	ng/u1	0.00
79) Chrysene-d12	21.662	240	495302	20.000	ng/u1	0.00
88) Perylene-d12	25.050	264	541934	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	8395	4.303	ng/uL	0.00
4) Pyridine-d5	3.640	84	54974	9.304	ng/u1	0.00
7) Phenol-d5	6.828	99	66386	9.185	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	49690	10.369	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	47787	9.281	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	52234	9.337	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	22978	8.683	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	24645	8.478	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.057	165	49839	9.171	ng/u1	0.02
31) 4-Chloroaniline-d4	10.581	131	68788	9.688	ng/u1	0.01
46) Dimethylphthalate-d6	13.727	166	156174	9.698	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	185567	9.858	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	17816	7.096	ng/u1	0.00
60) Fluorene-d10	15.339	176	142466	10.356	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	23645	7.789	ng/u1	0.00
73) Anthracene-d10	17.263	188	220520	9.708	ng/u1	0.00
81) Pyrene-d10	19.662	212	257825	8.940	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.815	264	252830	9.638	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	9531	4.201	ng/uL	93
5) Pyridine	3.657	79	58579	9.634	ng/u1	98
6) Benzaldehyde	6.816	77	45088	12.115	ng/u1	96
8) Phenol	6.857	94	70508	9.292	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.087	93	59786	9.683	ng/u1	97
12) 2-Chlorophenol	7.216	128	50557	9.312	ng/u1	98
13) 2-Methylphenol	8.087	108	51669	9.411	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.163	45	90231	10.486	ng/u1	98
16) Acetophenone	8.469	105	93953	10.266	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.445	70	54992	10.592	ng/u1	99
18) 4-Methylphenol	8.410	108	53193	9.011	ng/u1	99
19) Hexachloroethane	8.692	117	25411	9.971	ng/u1	97
22) Nitrobenzene	8.845	77	79015	10.238	ng/u1	97
23) Isophorone	9.363	82	145072	10.106	ng/u1	100
25) 2-Nitrophenol	9.545	139	26426	8.653	ng/u1	98
26) 2,4-Dimethylphenol	9.604	107	65421	9.578	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.851	93	82227	9.882	ng/u1	98
29) 2,4-Dichlorophenol	10.086	162	49066	9.195	ng/u1	98
30) Naphthalene	10.469	128	178096	9.967	ng/u1	99
32) 4-Chloroaniline	10.604	127	68926	9.848	ng/u1	99
33) Hexachlorobutadiene	10.733	225	41771	9.880	ng/u1	98
34) Caprolactam	11.410	113	12179	7.303	ng/u1	95
35) 4-Chloro-3-methylphenol	11.733	107	57700	9.623	ng/u1	98
36) 2-Methylnaphthalene	12.098	142	122645	10.200	ng/u1	97

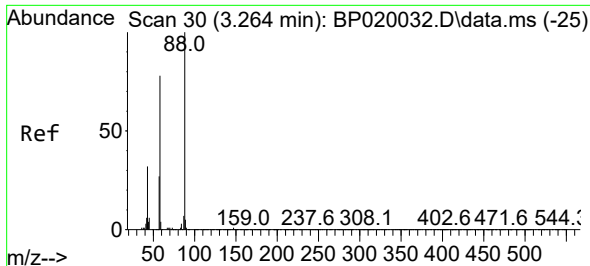
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	121225	10.153	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.469	216	73720	9.814	ng/ul	94
40) Hexachlorocyclopentadiene	12.427	237	31944	7.488	ng/ul	97
41) 2,4,6-Trichlorophenol	12.727	196	42279	9.139	ng/ul	95
42) 2,4,5-Trichlorophenol	12.810	196	43991	9.263	ng/ul	98
43) 1,1'-Biphenyl	13.127	154	161474	9.794	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	131178	9.809	ng/ul	97
45) 2-Nitroaniline	13.404	65	38383	9.070	ng/ul	97
47) Dimethylphthalate	13.774	163	161925	9.955	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	27660	8.413	ng/ul	96
50) Acenaphthylene	14.027	152	210513	10.042	ng/ul	99
51) 3-Nitroaniline	14.257	138	26154	8.665	ng/ul#	91
52) Acenaphthene	14.380	153	138972	10.003	ng/ul	98
53) 2,4-Dinitrophenol	14.480	184	13720	7.294	ng/ul	99
55) 4-Nitrophenol	14.586	109	21339	8.833	ng/ul	95
56) Dibenzofuran	14.727	168	195673	10.307	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	41764	9.290	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.969	232	40262	9.758	ng/ul#	93
59) Diethylphthalate	15.174	149	163740	10.063	ng/ul	99
61) Fluorene	15.398	166	161151	10.353	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	86034	10.262	ng/ul	95
63) 4-Nitroaniline	15.457	138	23234	8.926	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.510	198	23988	7.457	ng/ul#	96
67) N-Nitrosodiphenylamine	15.627	169	131748	9.347	ng/ul	98
68) 4-Bromophenyl-phenylether	16.321	248	51606	9.289	ng/ul	98
69) Hexachlorobenzene	16.421	284	56118	9.158	ng/ul	93
70) Atrazine	16.621	200	49065	9.131	ng/ul	93
71) Pentachlorophenol	16.798	266	29700	8.168	ng/ul	96
72) Phenanthrene	17.204	178	254434	9.640	ng/ul	100
74) Anthracene	17.298	178	254448	9.430	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.086	216	72573	8.817	ng/ul	97
76) Pentachlorobenzene	14.639	250	69455	9.078	ng/ul	94
77) Carbazole	17.598	167	222841	9.669	ng/ul	99
78) Di-n-butylphthalate	18.192	149	267146	9.374	ng/ul	99
80) Fluoranthene	19.309	202	305166	8.982	ng/ul#	95
82) Pyrene	19.698	202	320529	9.127	ng/ul	97
83) Butylbenzylphthalate	20.674	149	117150	8.342	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.574	252	102135	9.707	ng/ul	98
85) Benzo(a)anthracene	21.639	228	340571	9.904	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	181880	8.773	ng/ul	100
87) Chrysene	21.709	228	320202	9.955	ng/ul	99
89) Di-n-octyl phthalate	22.903	149	306852	8.999	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	314502	9.787	ng/ul	100
91) Benzo(k)fluoranthene	24.050	252	324254	9.924	ng/ul	99
93) Benzo(a)pyrene	24.886	252	304510	9.780	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.885	276	150195	3.904	ng/ul	100
95) Dibenzo(a,h)anthracene	28.985	278	139106	4.465	ng/ul	99
96) Benzo(g,h,i)perylene	30.103	276	280559	9.043	ng/ul	99

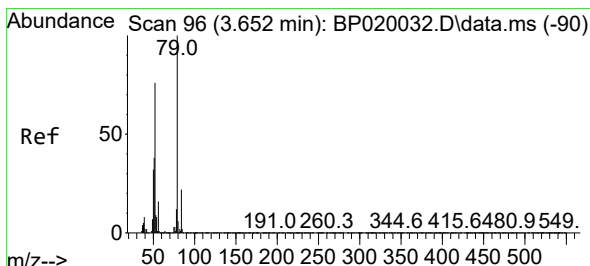
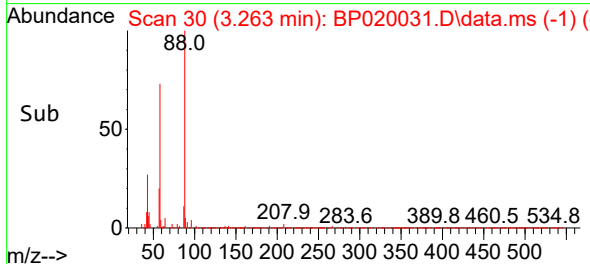
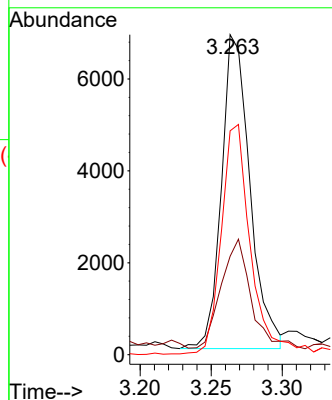
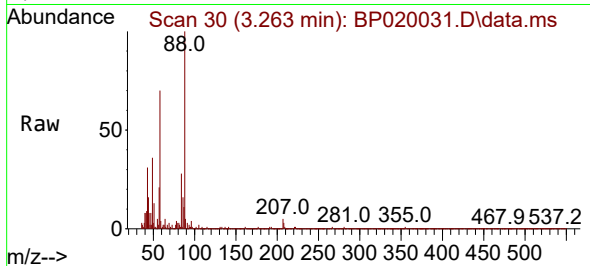
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#2
1,4-Dioxane
Concen: 4.201 ng/uL
RT: 3.263 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

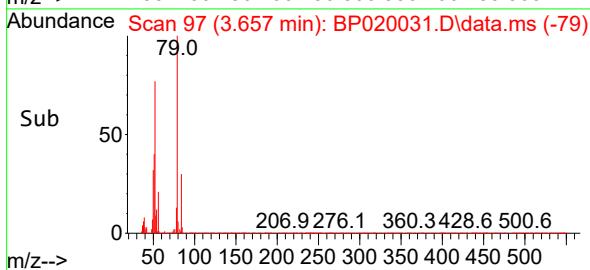
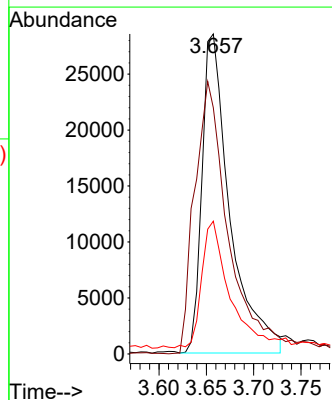
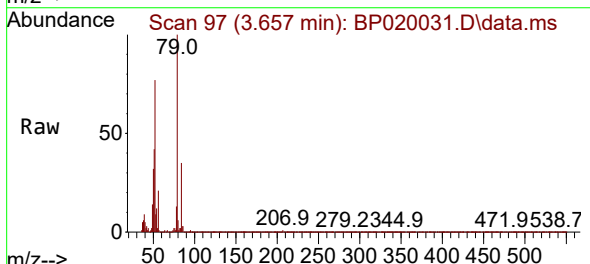
Instrument :
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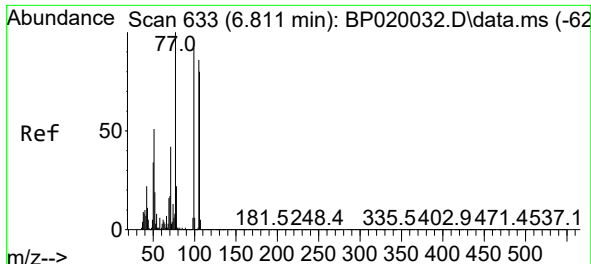
Tgt Ion:	88	Resp:	9531
Ion	Ratio	Lower	Upper
88	100		
43	30.8	26.6	40.0
58	69.9	61.4	92.2



#5
Pyridine
Concen: 9.634 ng/uL
RT: 3.657 min Scan# 97
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:	79	Resp:	58579
Ion	Ratio	Lower	Upper
79	100		
52	77.0	61.0	91.4
51	41.5	31.5	47.3

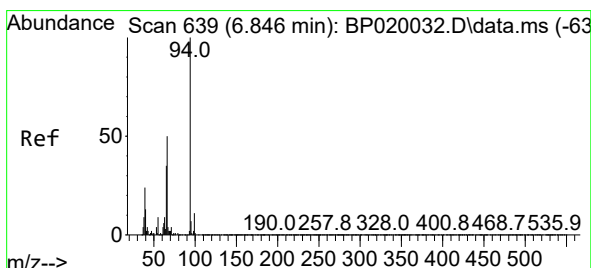
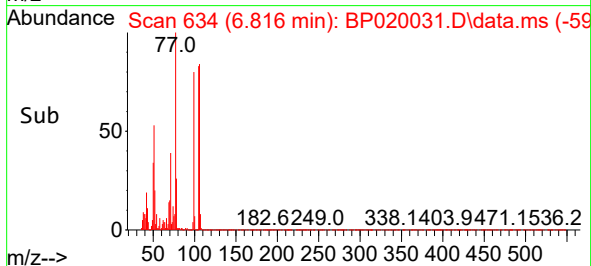
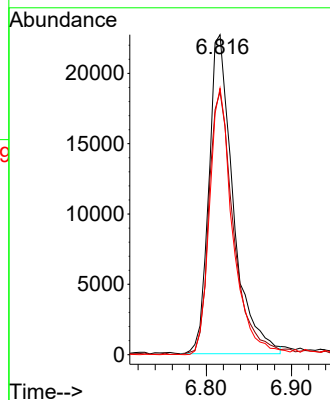
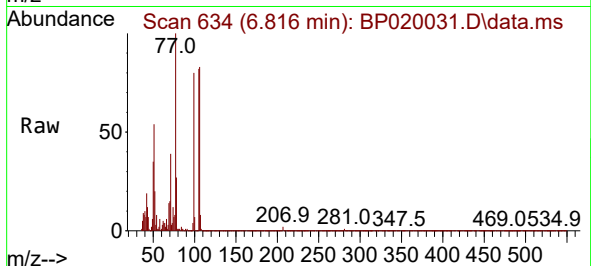




#6
Benzaldehyde
Concen: 12.115 ng/ul
RT: 6.816 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

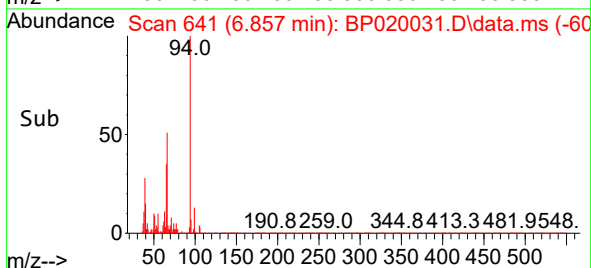
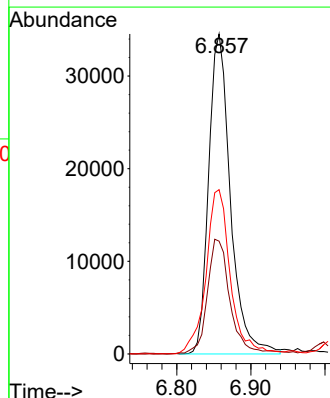
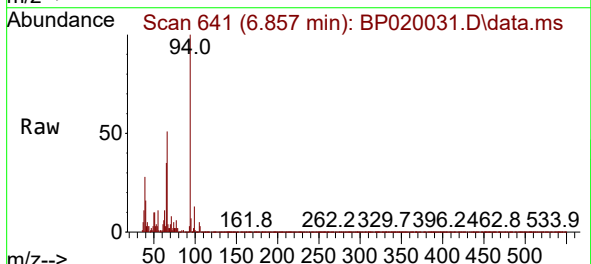
Instrument :
BNA_P
ClientSampleId :
SSTD010610

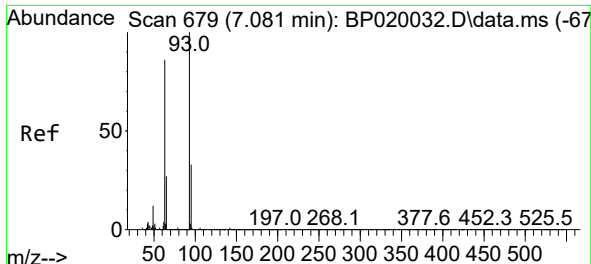
Tgt Ion: 77 Resp: 45088
Ion Ratio Lower Upper
77 100
105 82.2 68.7 103.1
106 83.2 63.7 95.5



#8
Phenol
Concen: 9.292 ng/ul
RT: 6.857 min Scan# 641
Delta R.T. 0.011 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion: 94 Resp: 70508
Ion Ratio Lower Upper
94 100
65 35.3 27.8 41.6
66 51.4 40.0 60.0

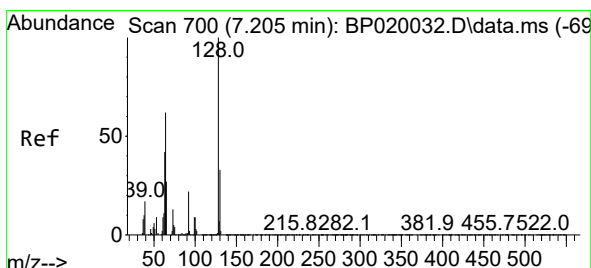
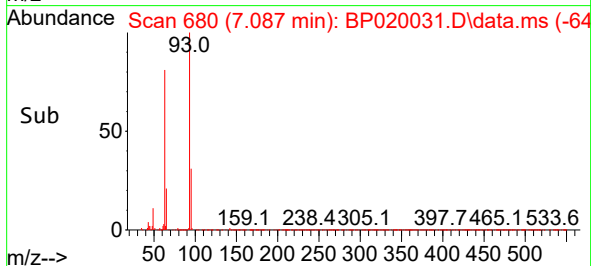
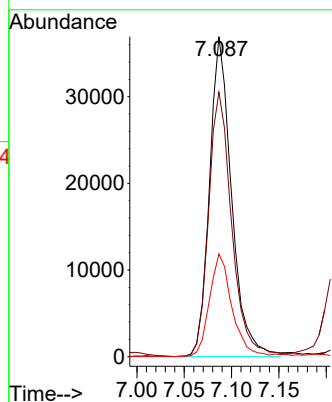
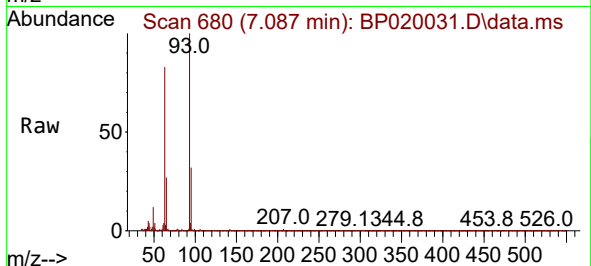




#10
Bis(2-Chloroethyl)ether
Concen: 9.683 ng/ul
RT: 7.087 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

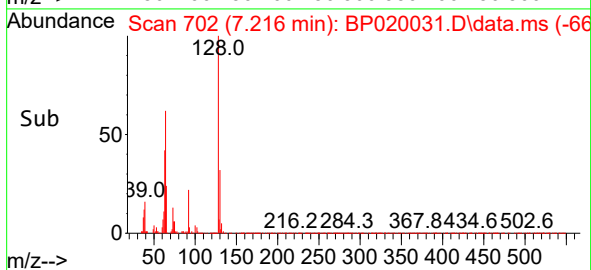
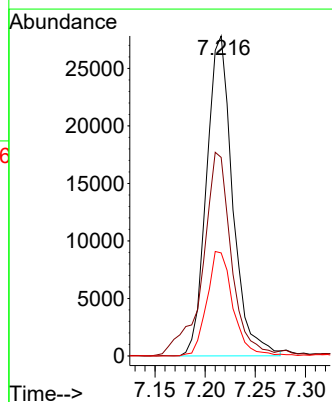
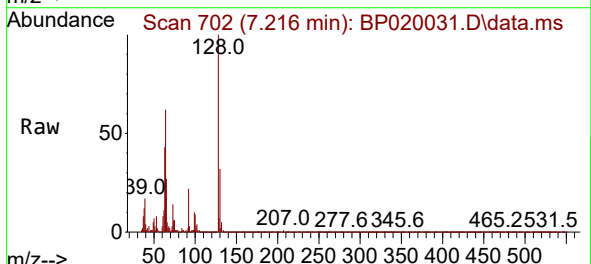
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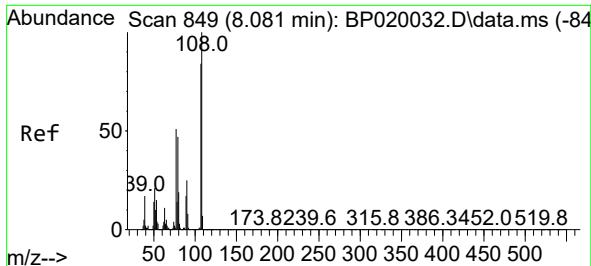
Tgt Ion: 93 Resp: 59786
Ion Ratio Lower Upper
93 100
63 82.6 68.6 102.8
95 32.1 26.6 39.8



#12
2-Chlorophenol
Concen: 9.312 ng/ul
RT: 7.216 min Scan# 702
Delta R.T. 0.011 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion: 128 Resp: 50557
Ion Ratio Lower Upper
128 100
64 62.1 51.4 77.0
130 32.2 26.5 39.7





#13

2-Methylphenol

Concen: 9.411 ng/ul

RT: 8.087 min Scan# 849

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

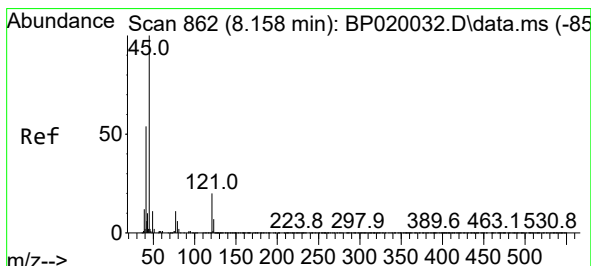
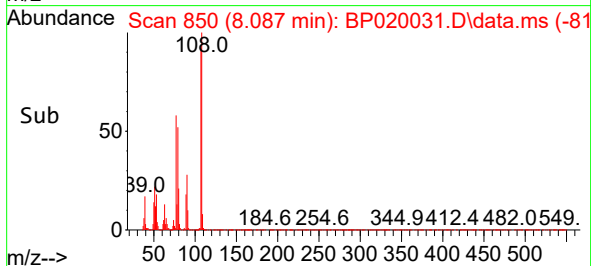
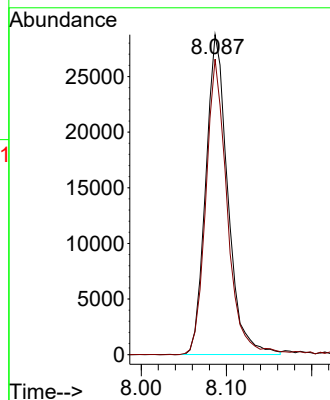
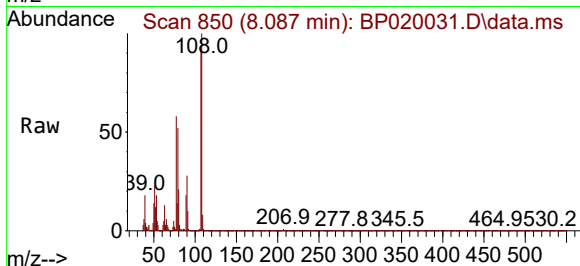
SSTD010610

Tgt Ion:108 Resp: 51669

Ion Ratio Lower Upper

108 100

107 92.4 67.3 100.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.486 ng/ul

RT: 8.163 min Scan# 863

Delta R.T. 0.005 min

Lab File: BP020031.D

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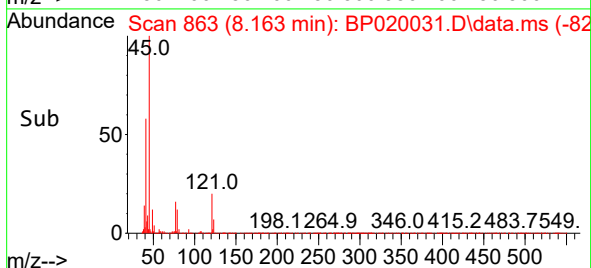
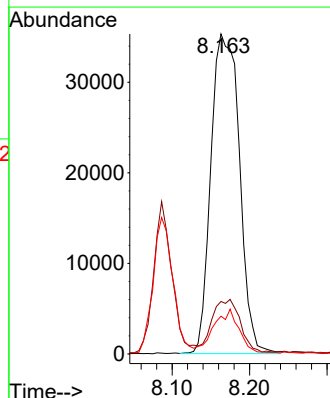
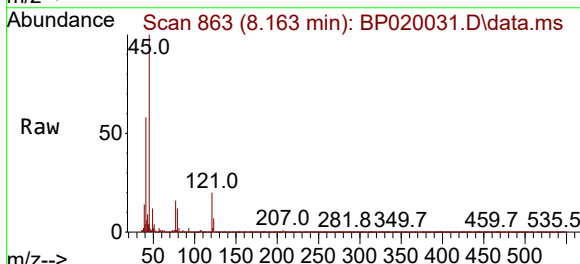
Tgt Ion: 45 Resp: 90231

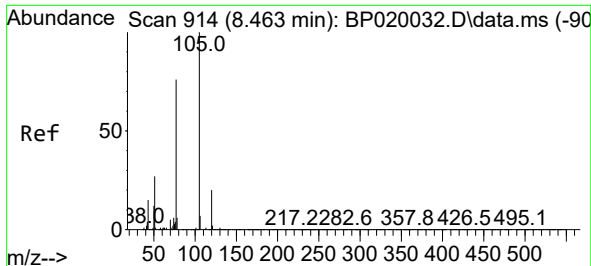
Ion Ratio Lower Upper

45 100

77 16.4 12.6 18.8

79 11.8 8.8 13.2

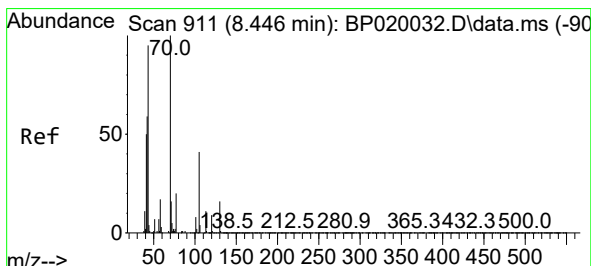
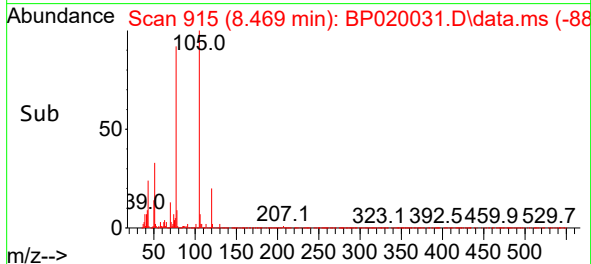
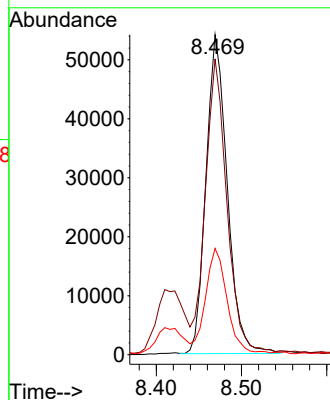
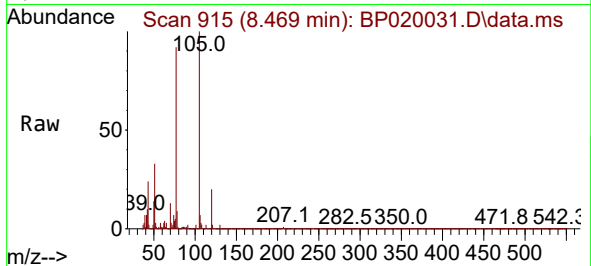




#16
Acetophenone
Concen: 10.266 ng/ul
RT: 8.469 min Scan# 914
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

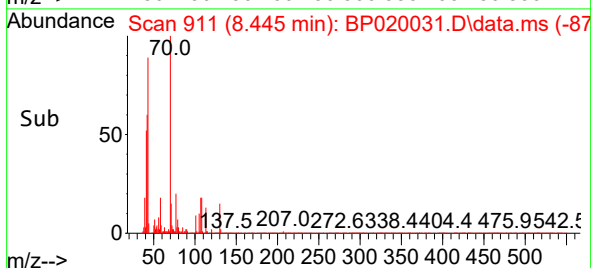
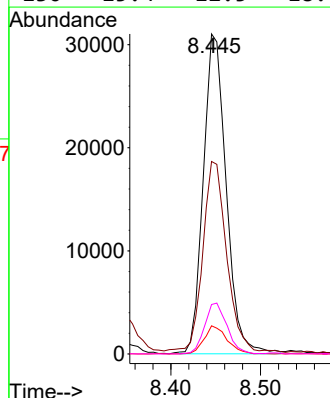
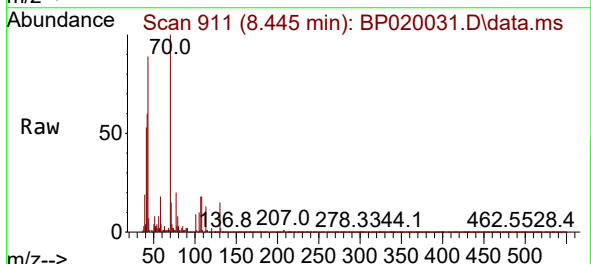
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SSTD010610

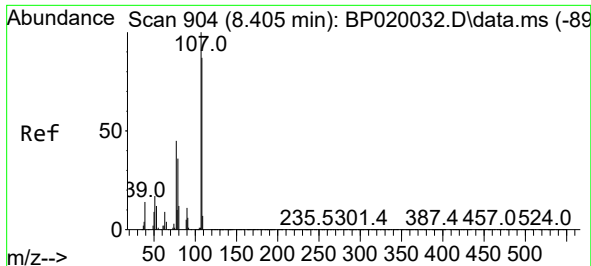
Tgt Ion:105 Resp: 93953
Ion Ratio Lower Upper
105 100
77 92.5 70.3 105.5
51 33.2 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 10.592 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion: 70 Resp: 54992
Ion Ratio Lower Upper
70 100
42 60.2 47.8 71.6
101 8.8 6.5 9.7
130 15.4 12.5 18.7

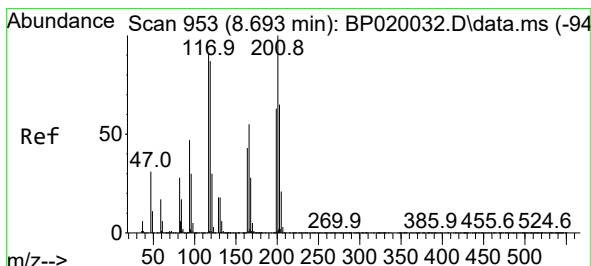
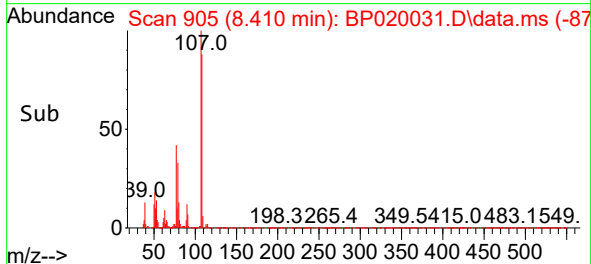
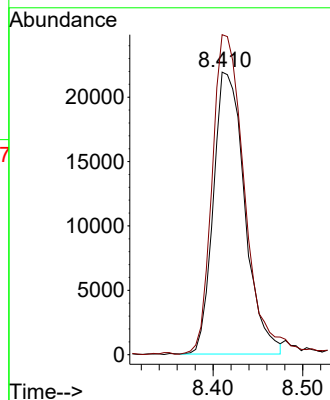
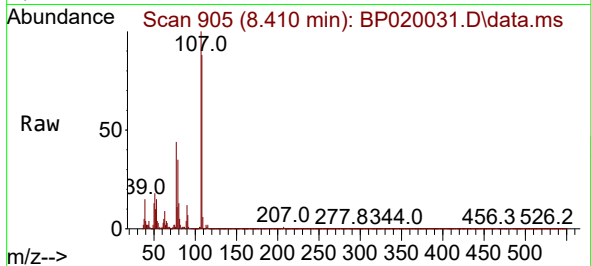




#18
4-Methylphenol
Concen: 9.011 ng/ul
RT: 8.410 min Scan# 904
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

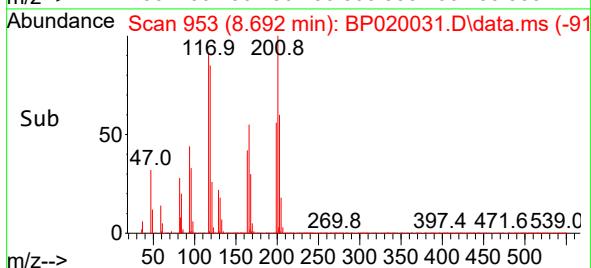
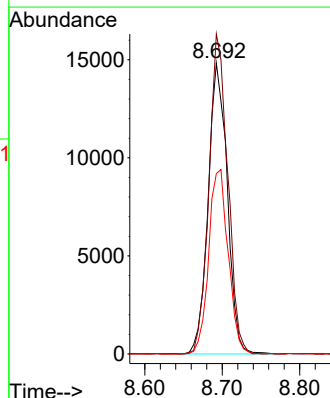
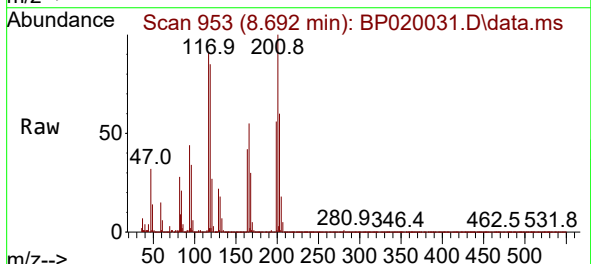
Instrument :
BNA_P
ClientSampleId :
SSTD010610

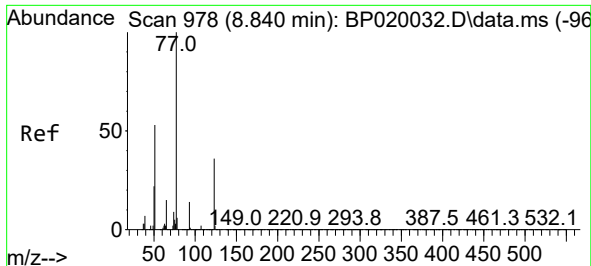
Tgt Ion:108 Resp: 53193
Ion Ratio Lower Upper
108 100
107 113.2 91.5 137.3



#19
Hexachloroethane
Concen: 9.971 ng/ul
RT: 8.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:117 Resp: 25411
Ion Ratio Lower Upper
117 100
201 110.1 87.8 131.6
199 63.5 55.0 82.6

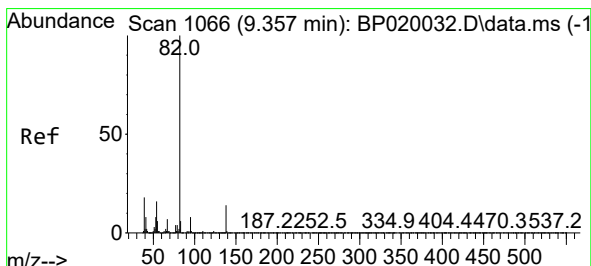
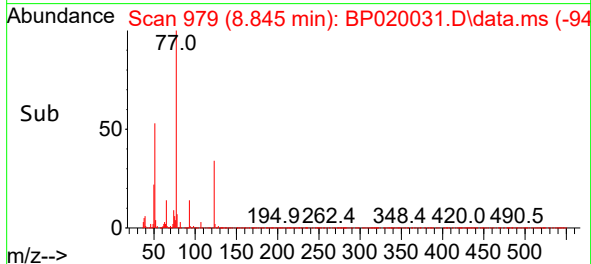
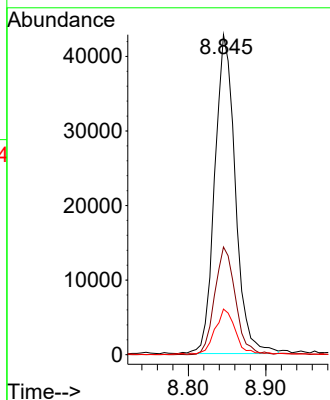
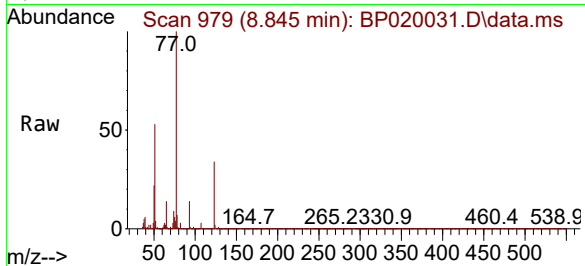




#22
Nitrobenzene
Concen: 10.238 ng/ul
RT: 8.845 min Scan# 91
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

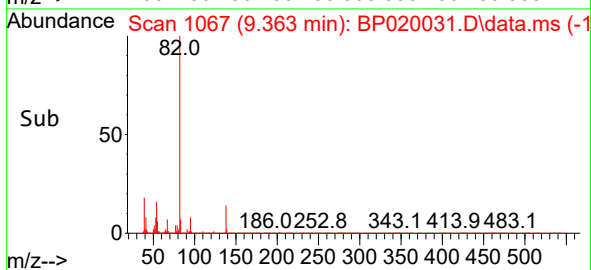
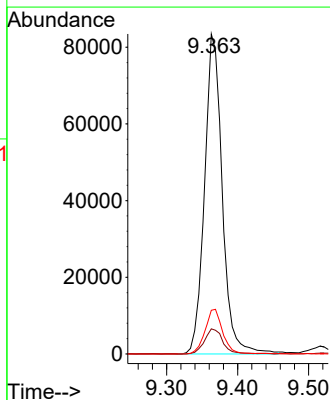
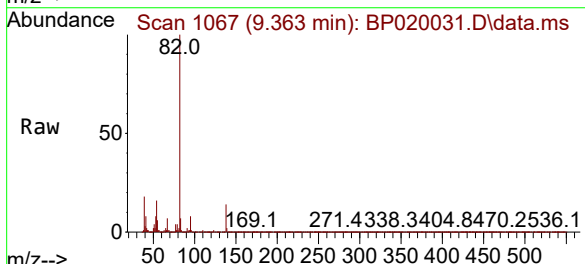
Instrument :
BNA_P
ClientSampleId :
SSTD010610

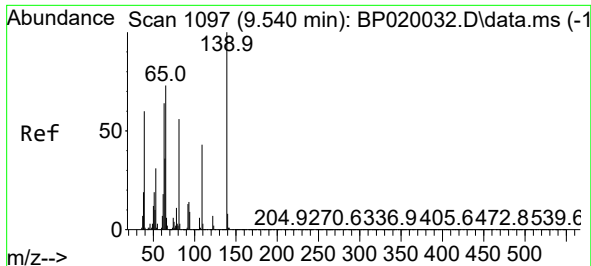
Tgt Ion: 77 Resp: 79015
Ion Ratio Lower Upper
77 100
123 33.6 28.5 42.7
65 14.3 11.7 17.5



#23
Isophorone
Concen: 10.106 ng/ul
RT: 9.363 min Scan# 1067
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion: 82 Resp: 145072
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 13.7 10.9 16.3

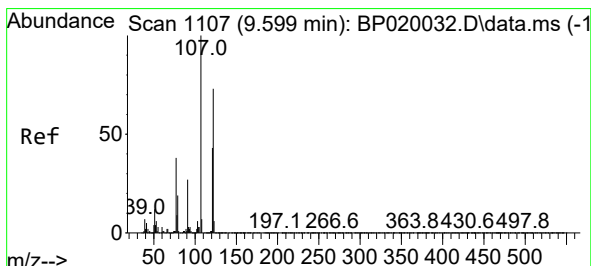
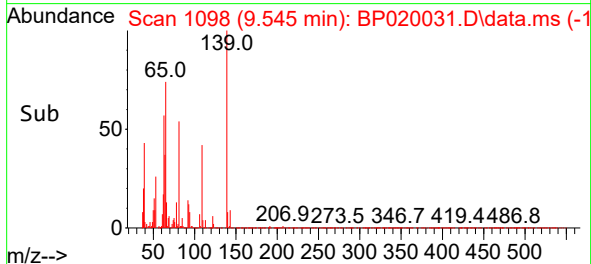
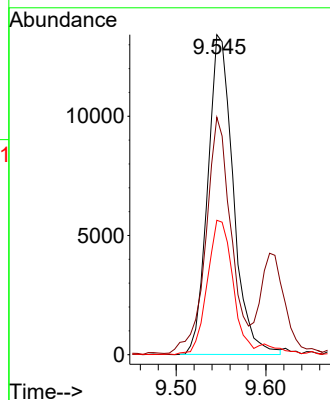
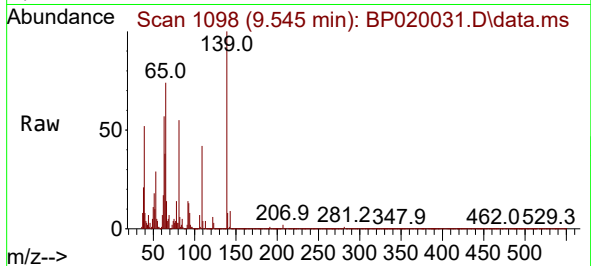




#25
2-Nitrophenol
Concen: 8.653 ng/ul
RT: 9.545 min Scan# 1097
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

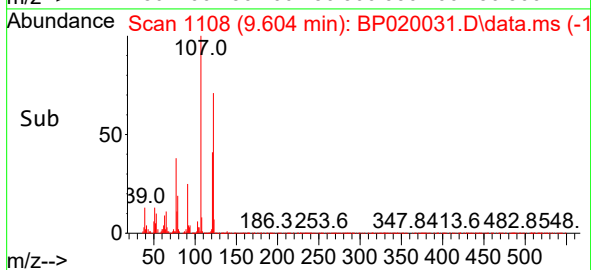
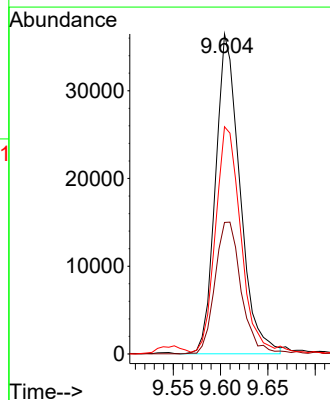
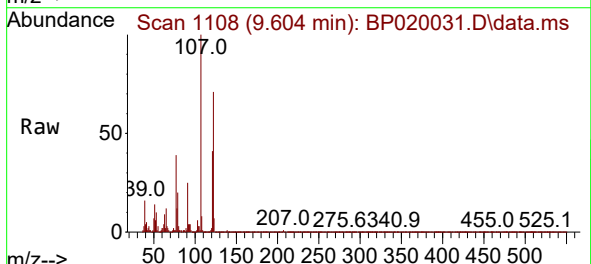
Instrument :
BNA_P
ClientSampleId :
SSTD010610

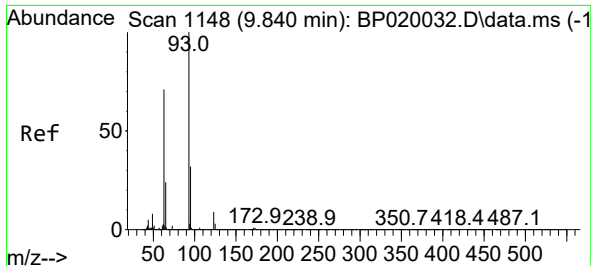
Tgt Ion:139 Resp: 26426
Ion Ratio Lower Upper
139 100
65 74.2 58.6 87.8
109 42.0 34.8 52.2



#26
2,4-Dimethylphenol
Concen: 9.578 ng/ul
RT: 9.604 min Scan# 1108
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:107 Resp: 65421
Ion Ratio Lower Upper
107 100
121 41.1 34.0 51.0
122 71.0 58.9 88.3





#27

Bis(2-Chloroethoxy)methane

Concen: 9.882 ng/ul

RT: 9.851 min Scan# 1148

Delta R.T. 0.011 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

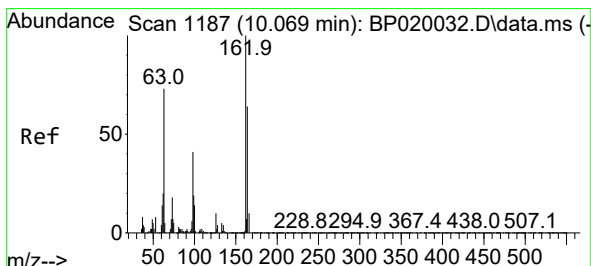
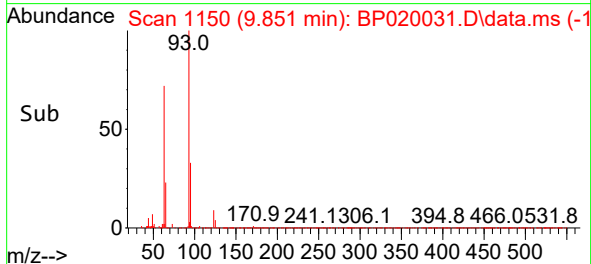
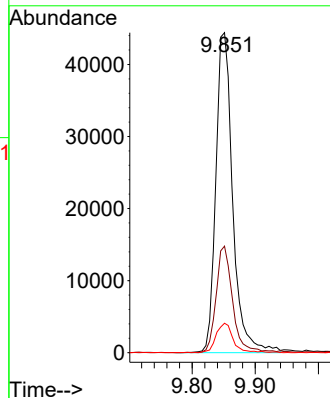
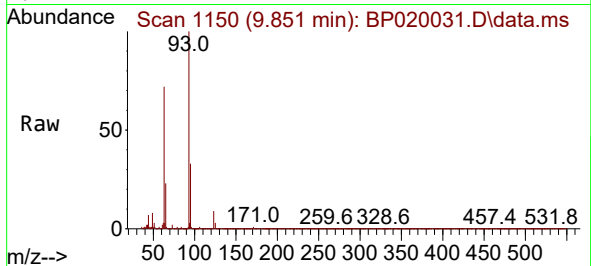
Tgt Ion: 93 Resp: 82227

Ion Ratio Lower Upper

93 100

95 33.3 25.4 38.0

123 9.2 7.5 11.3



#29

2,4-Dichlorophenol

Concen: 9.195 ng/ul

RT: 10.086 min Scan# 1190

Delta R.T. 0.017 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

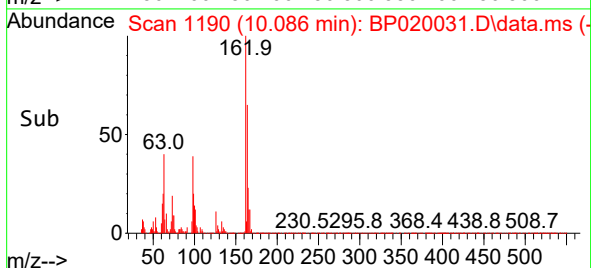
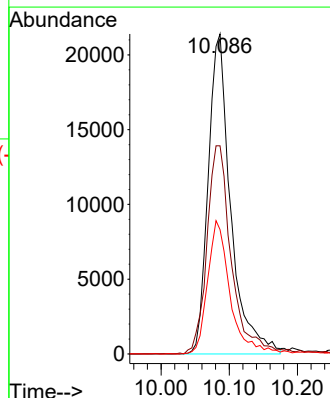
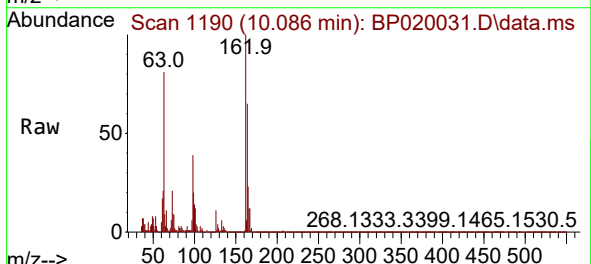
Tgt Ion:162 Resp: 49066

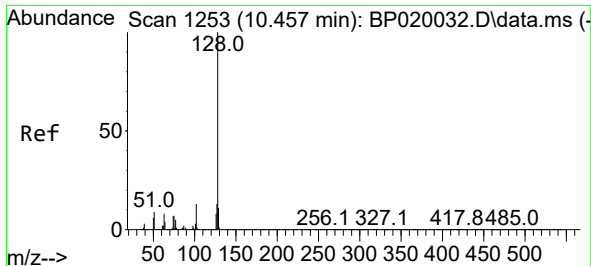
Ion Ratio Lower Upper

162 100

164 65.0 51.7 77.5

98 38.9 32.8 49.2

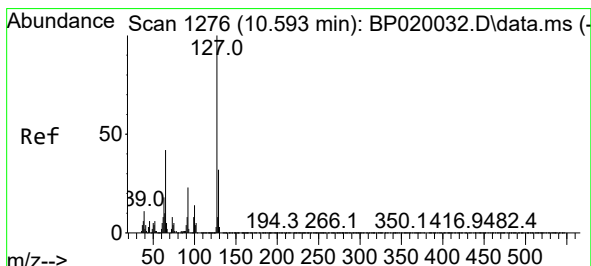
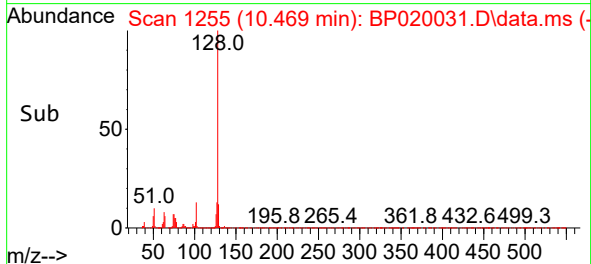
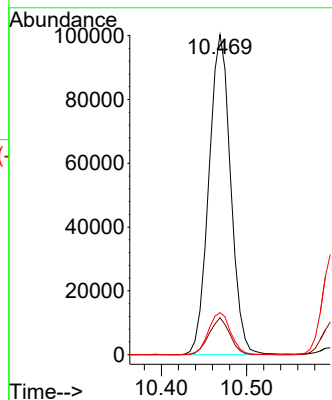
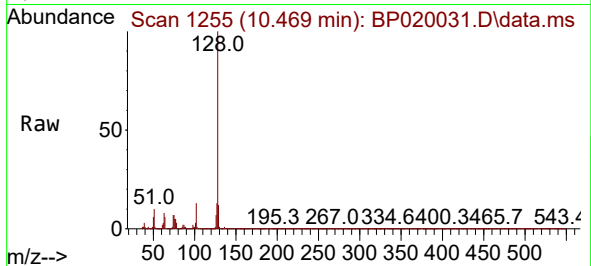




#30
Naphthalene
Concen: 9.967 ng/ul
RT: 10.469 min Scan# 1253
Delta R.T. 0.011 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

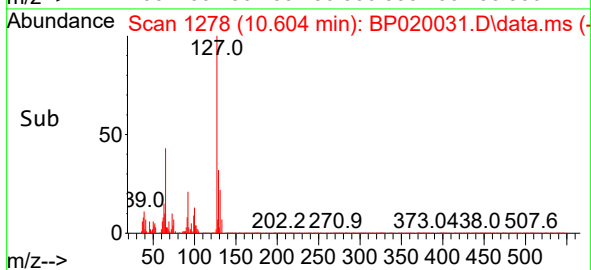
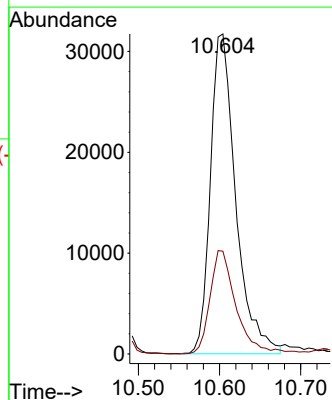
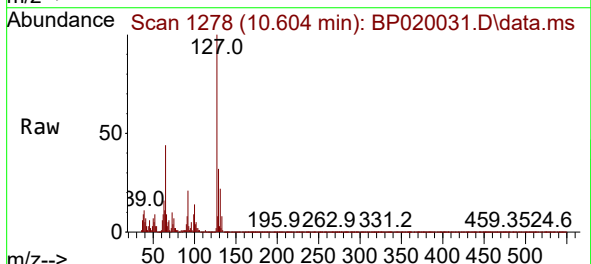
Instrument :
BNA_P
ClientSampleId :
SSTD010610

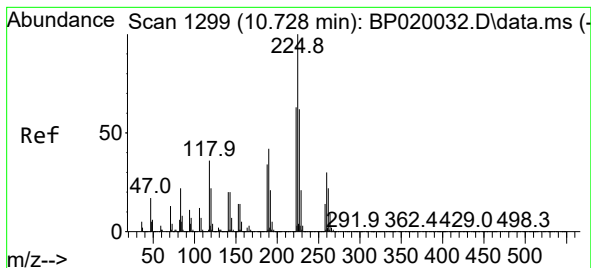
Tgt Ion:128 Resp: 178096
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 9.848 ng/ul
RT: 10.604 min Scan# 1278
Delta R.T. 0.011 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:127 Resp: 68926
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9





#33

Hexachlorobutadiene

Concen: 9.880 ng/ul

RT: 10.733 min Scan# 11

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

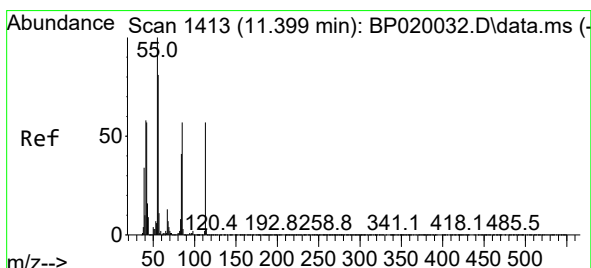
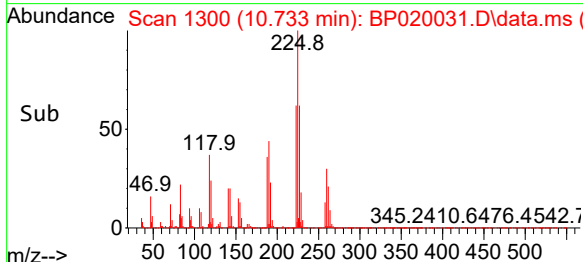
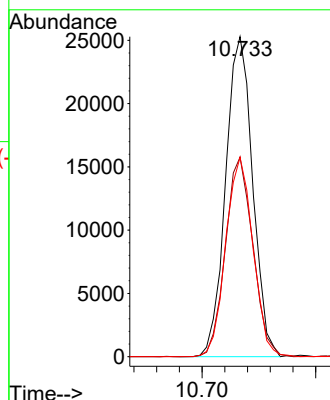
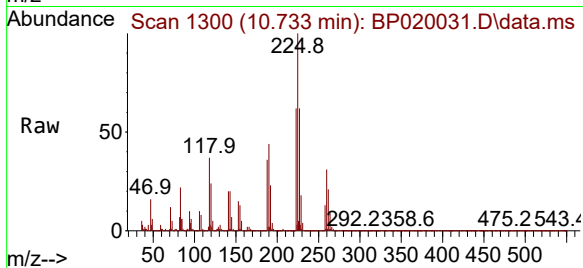
Tgt Ion:225 Resp: 41771

Ion Ratio Lower Upper

225 100

223 62.3 50.5 75.7

227 62.3 52.2 78.4



#34

Caprolactam

Concen: 7.303 ng/ul

RT: 11.410 min Scan# 1415

Delta R.T. 0.011 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

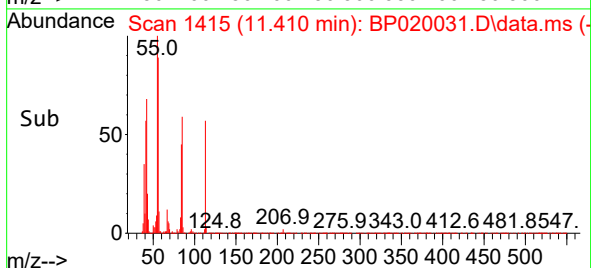
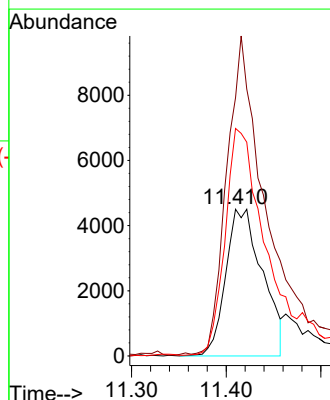
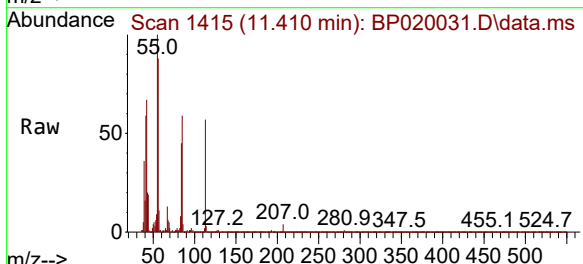
Tgt Ion:113 Resp: 12179

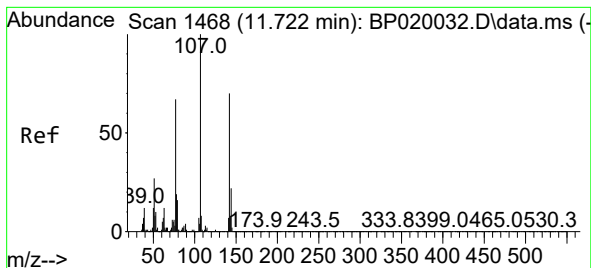
Ion Ratio Lower Upper

113 100

55 176.2 140.5 210.7

56 155.1 113.8 170.6





#35

4-Chloro-3-methylphenol

Concen: 9.623 ng/ul

RT: 11.733 min Scan# 1468

Delta R.T. 0.011 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

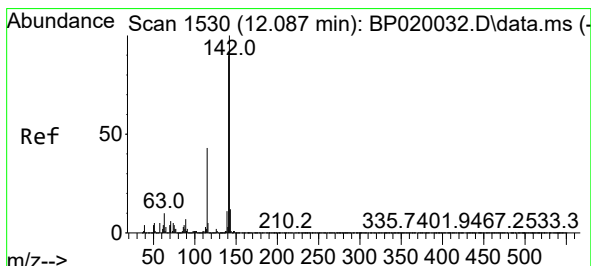
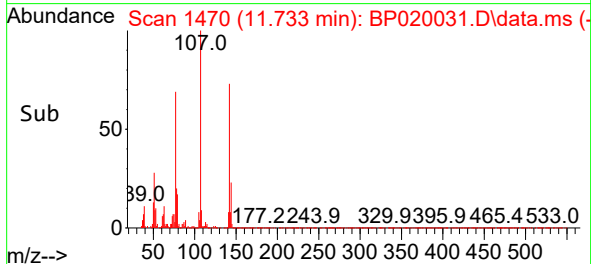
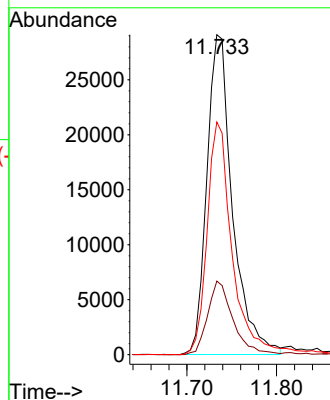
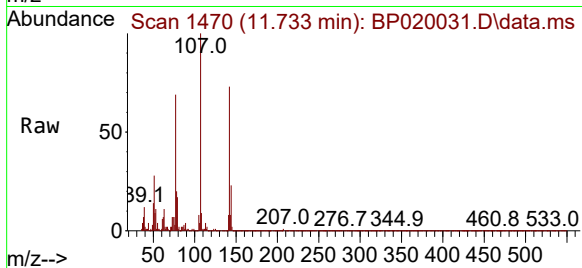
Tgt Ion:107 Resp: 57700

Ion Ratio Lower Upper

107 100

144 23.0 18.0 27.0

142 72.7 56.3 84.5



#36

2-Methylnaphthalene

Concen: 10.200 ng/ul

RT: 12.098 min Scan# 1532

Delta R.T. 0.011 min

Lab File: BP020031.D

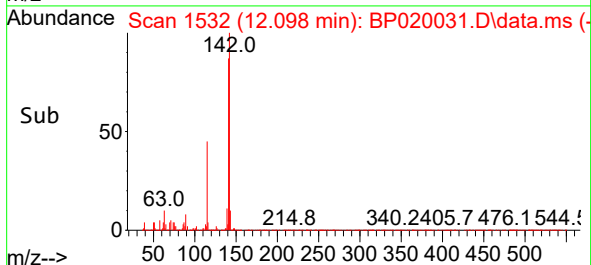
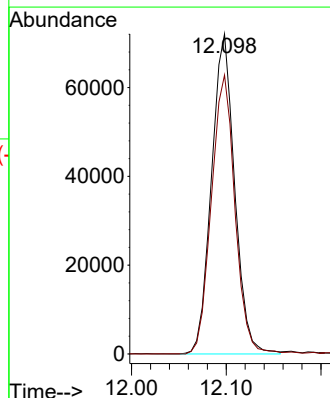
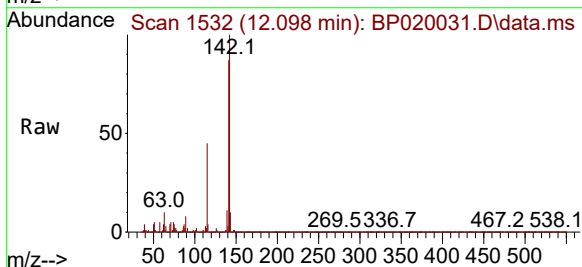
Acq: 19 Apr 2024 16:49

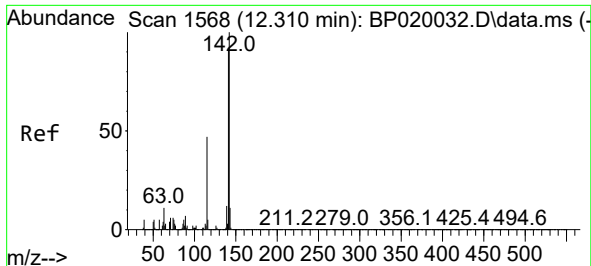
Tgt Ion:142 Resp: 122645

Ion Ratio Lower Upper

142 100

141 87.2 72.1 108.1





#37

1-Methylnaphthalene

Concen: 10.153 ng/ul

RT: 12.316 min Scan# 1

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

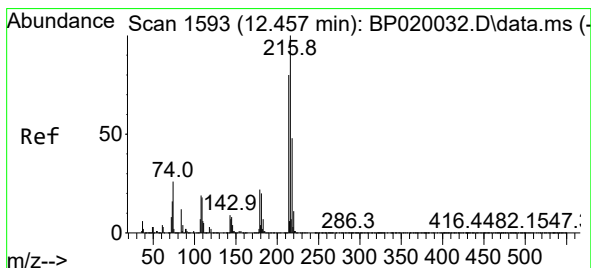
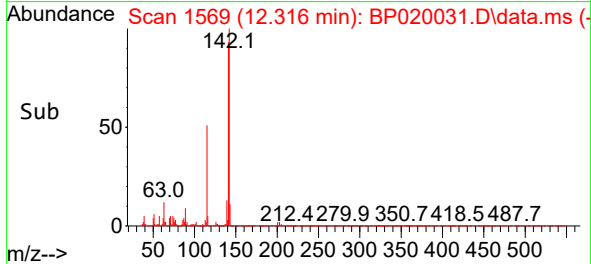
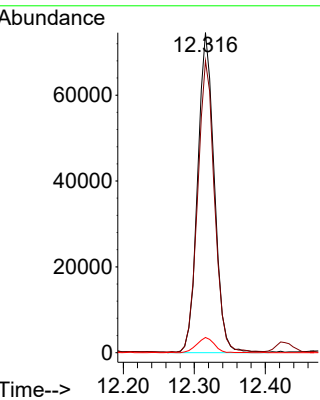
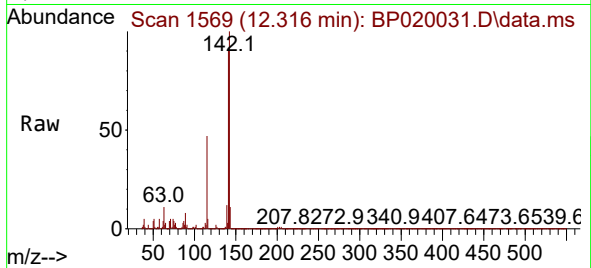
Tgt Ion:142 Resp: 121225

Ion Ratio Lower Upper

142 100

141 91.2 72.8 109.2

116 4.7 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.814 ng/ul

RT: 12.469 min Scan# 1595

Delta R.T. 0.011 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Tgt Ion:216 Resp: 73720

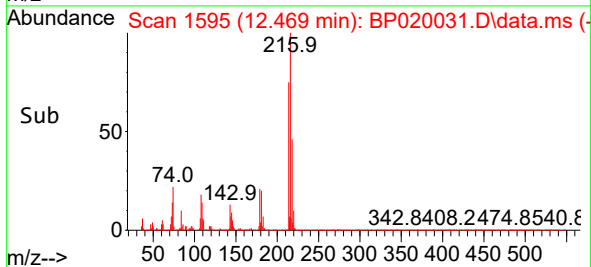
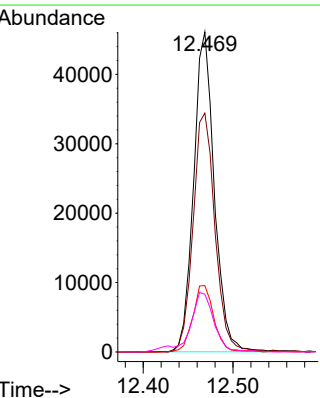
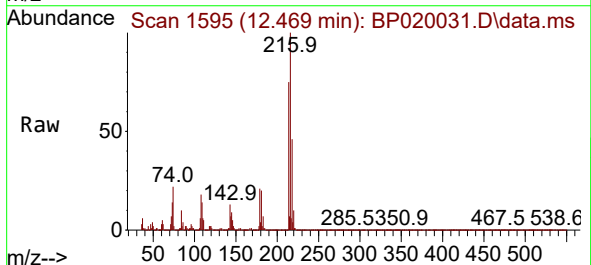
Ion Ratio Lower Upper

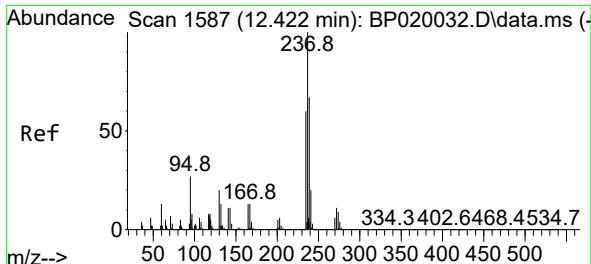
216 100

214 74.6 64.2 96.2

179 20.8 17.3 25.9

108 18.0 16.8 25.2

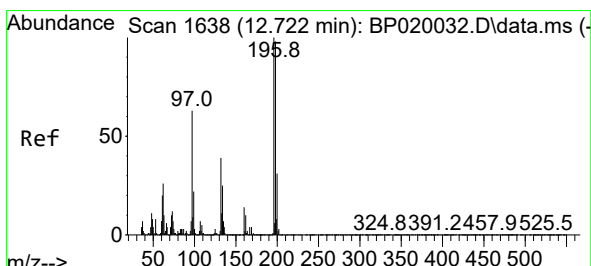
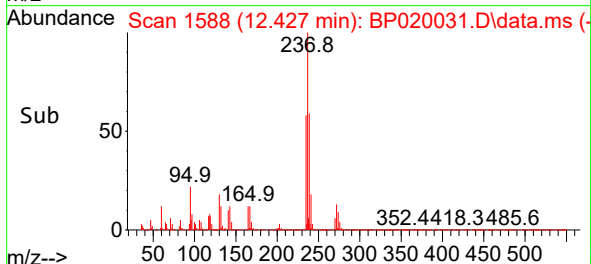
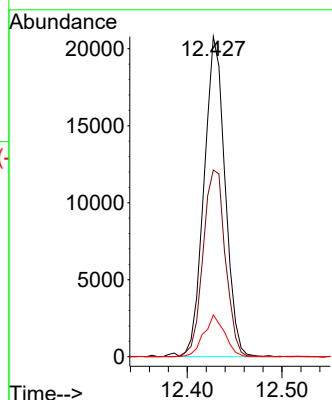
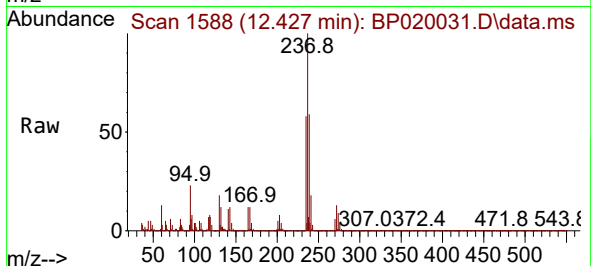




#40
Hexachlorocyclopentadiene
Concen: 7.488 ng/ul
RT: 12.427 min Scan# 1587
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

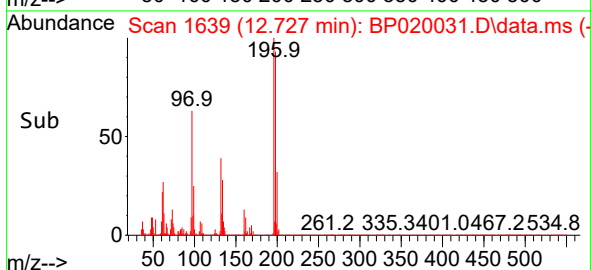
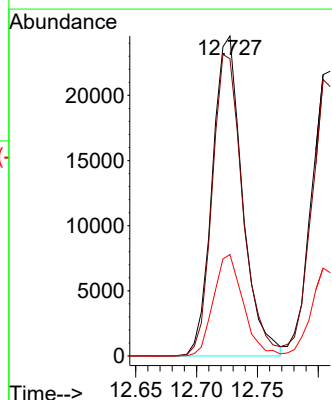
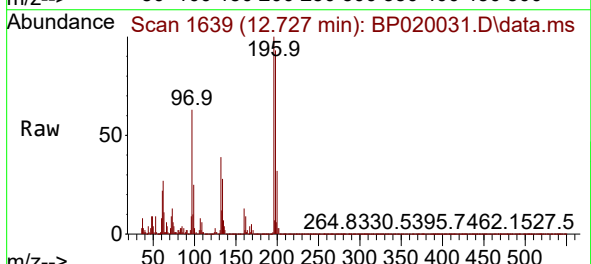
Instrument :
BNA_P
ClientSampleId :
SSTD010610

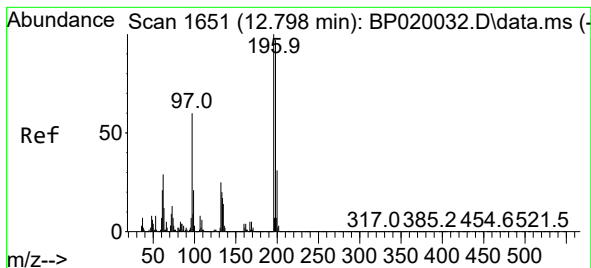
Tgt Ion:237 Resp: 31944
Ion Ratio Lower Upper
237 100
235 58.4 48.2 72.4
272 13.8 9.4 14.0



#41
2,4,6-Trichlorophenol
Concen: 9.139 ng/ul
RT: 12.727 min Scan# 1639
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:196 Resp: 42279
Ion Ratio Lower Upper
196 100
198 92.9 78.8 118.2
200 31.7 24.9 37.3





#42

2,4,5-Trichlorophenol

Concen: 9.263 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. 0.011 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

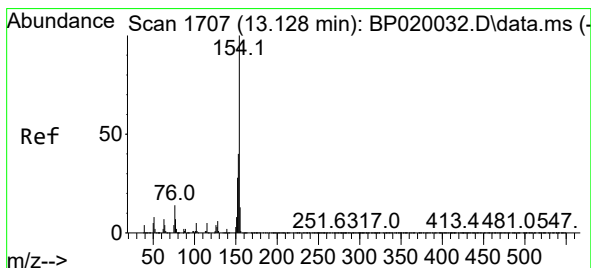
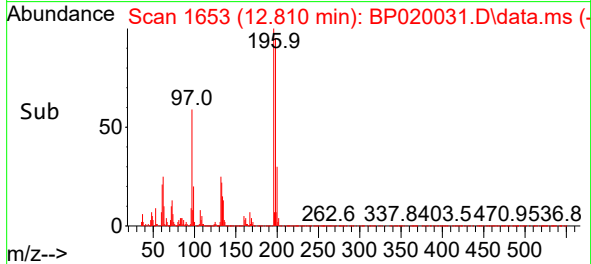
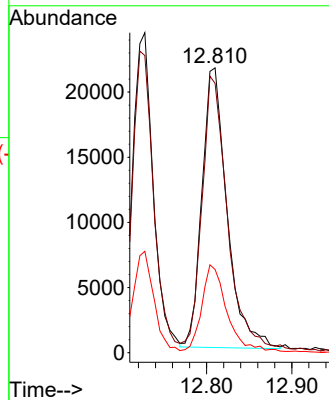
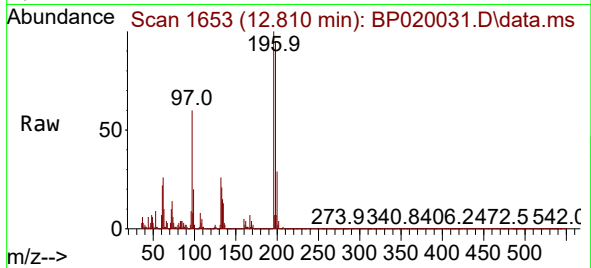
Tgt Ion:196 Resp: 43991

Ion Ratio Lower Upper

196 100

198 94.5 77.5 116.3

200 29.2 24.5 36.7



#43

1,1'-Biphenyl

Concen: 9.794 ng/ul

RT: 13.127 min Scan# 1707

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

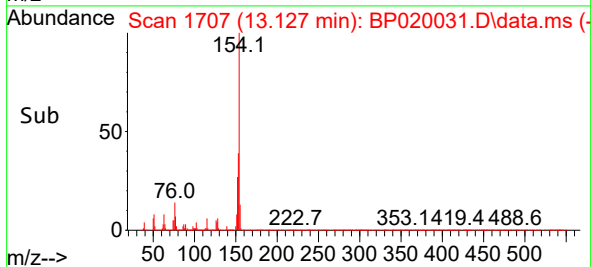
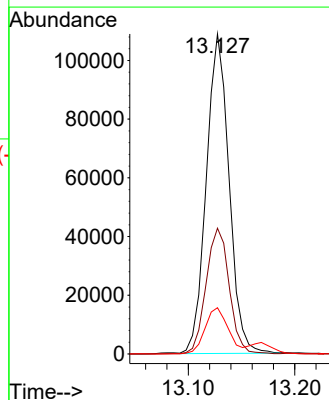
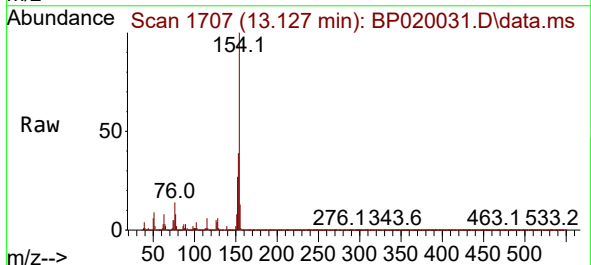
Tgt Ion:154 Resp: 161474

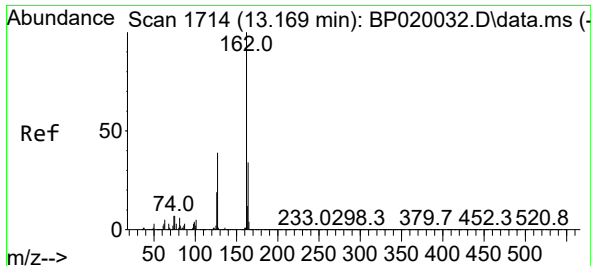
Ion Ratio Lower Upper

154 100

153 39.3 32.2 48.4

76 14.5 11.3 16.9

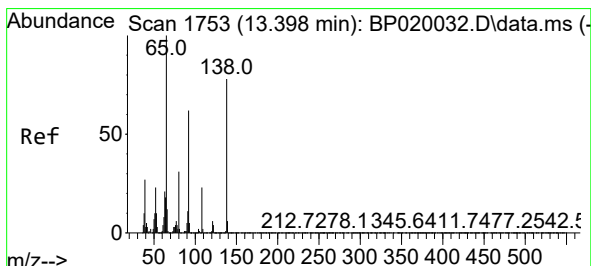
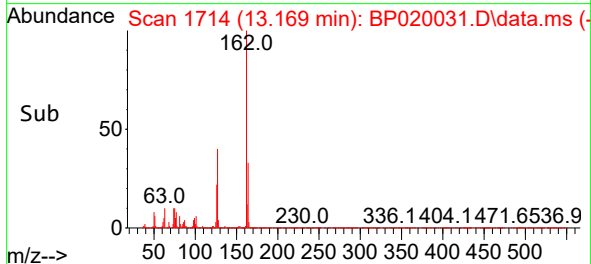
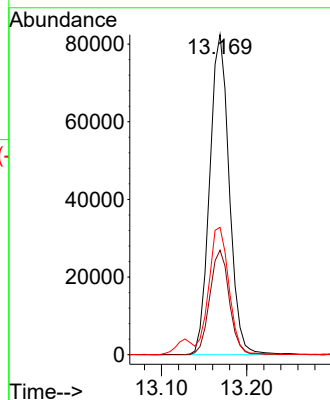
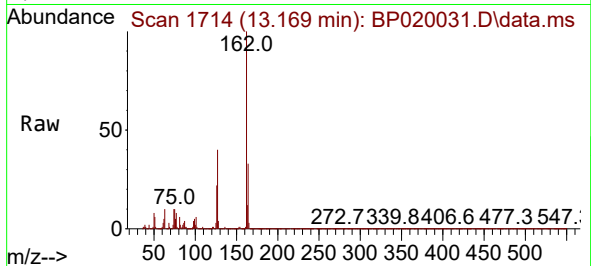




#44
2-Chloronaphthalene
Concen: 9.809 ng/ul
RT: 13.169 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

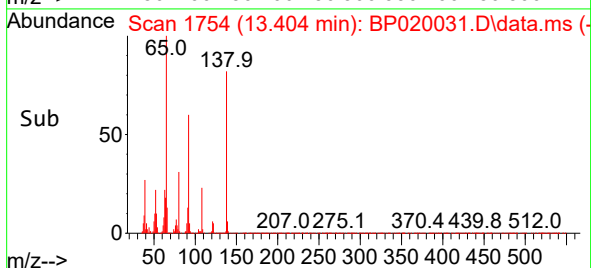
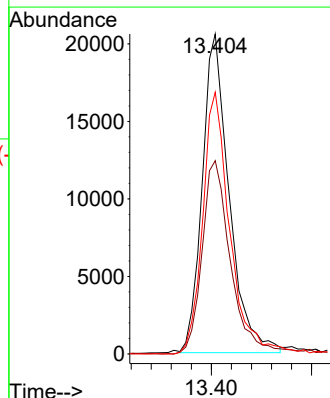
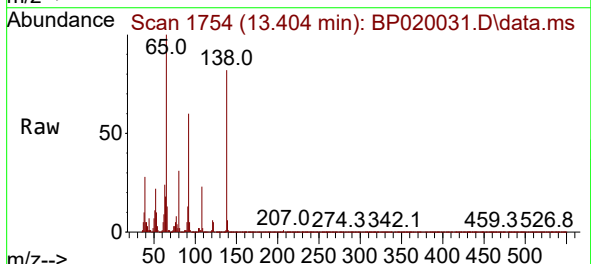
Instrument :
BNA_P
ClientSampleId :
SSTD010610

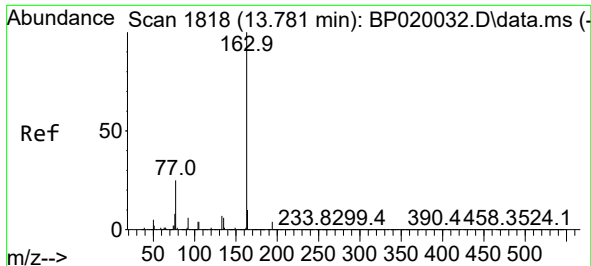
Tgt Ion:162 Resp: 131178
Ion Ratio Lower Upper
162 100
164 32.7 27.0 40.6
127 39.8 33.7 50.5



#45
2-Nitroaniline
Concen: 9.070 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion: 65 Resp: 38383
Ion Ratio Lower Upper
65 100
92 60.4 49.4 74.0
138 81.8 62.2 93.4

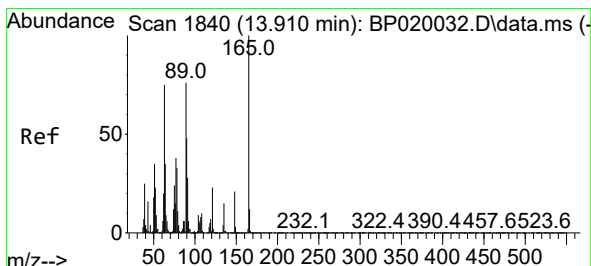
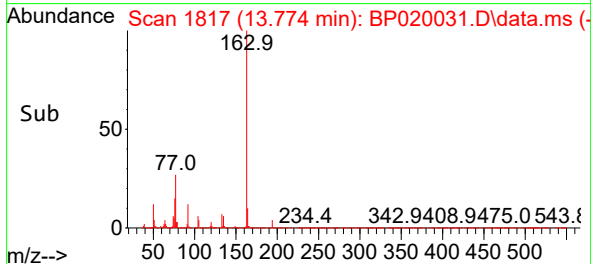
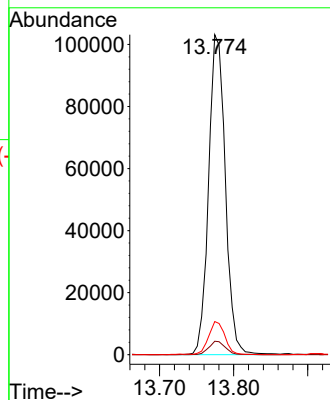
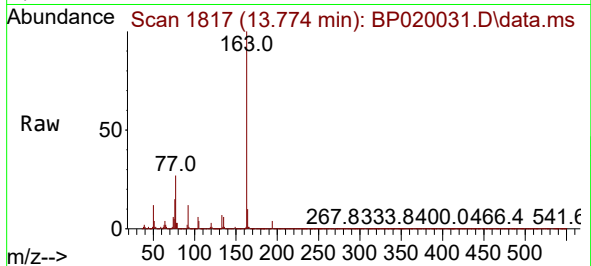




#47
Dimethylphthalate
Concen: 9.955 ng/ul
RT: 13.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

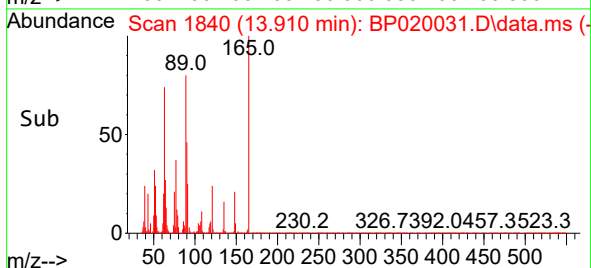
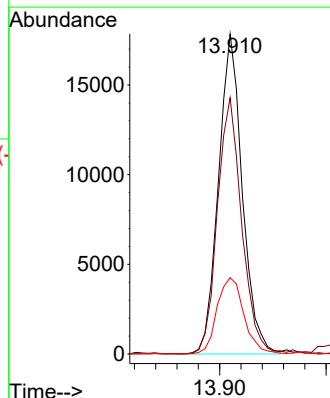
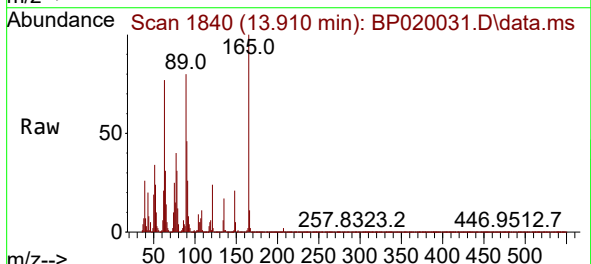
Instrument :
BNA_P
ClientSampleId :
SSTD010610

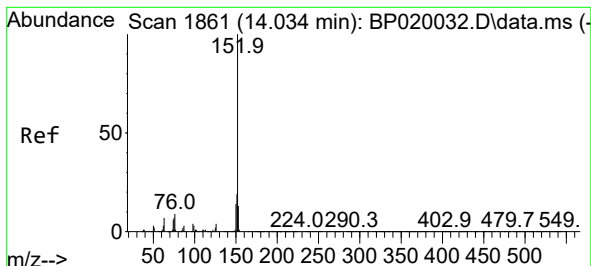
Tgt Ion:163 Resp: 161925
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 8.413 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:165 Resp: 27660
Ion Ratio Lower Upper
165 100
89 80.1 61.0 91.4
121 23.9 18.7 28.1





#50

Acenaphthylene

Concen: 10.042 ng/ul

RT: 14.027 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

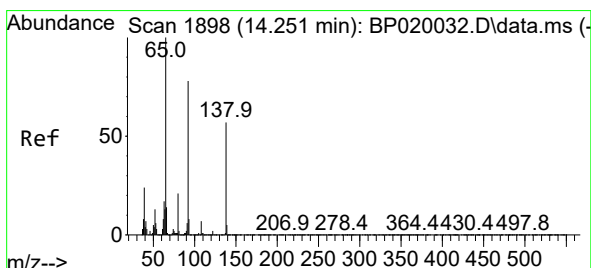
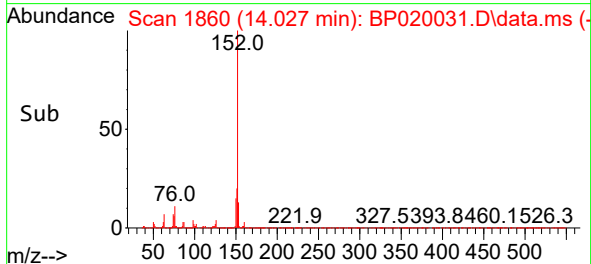
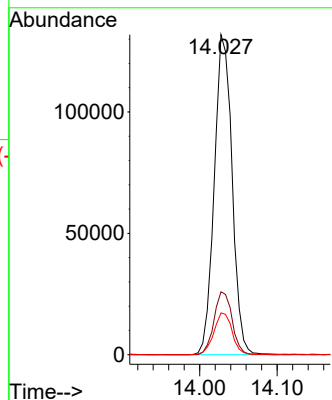
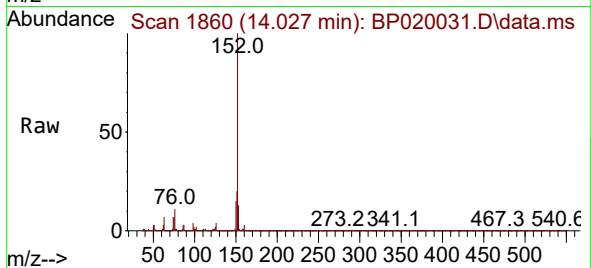
Tgt Ion:152 Resp: 210513

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.2

153 13.1 10.6 16.0



#51

3-Nitroaniline

Concen: 8.665 ng/ul

RT: 14.257 min Scan# 1899

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

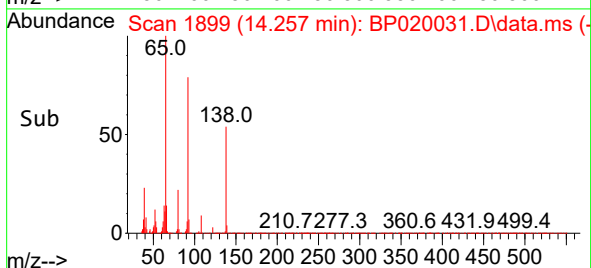
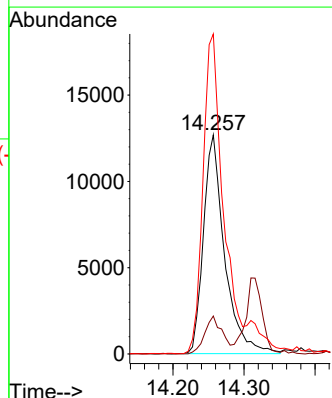
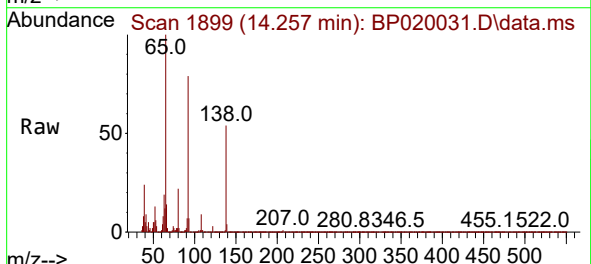
Tgt Ion:138 Resp: 26154

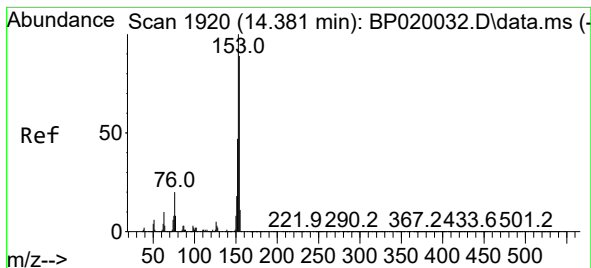
Ion Ratio Lower Upper

138 100

108 17.3 10.4 15.6#

92 146.1 108.4 162.6





#52

Acenaphthene

Concen: 10.003 ng/ul

RT: 14.380 min Scan# 1920

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

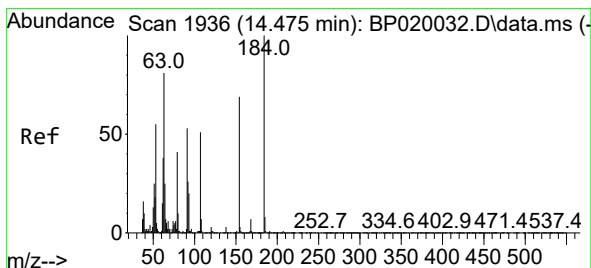
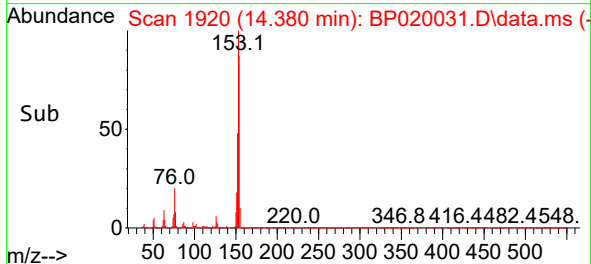
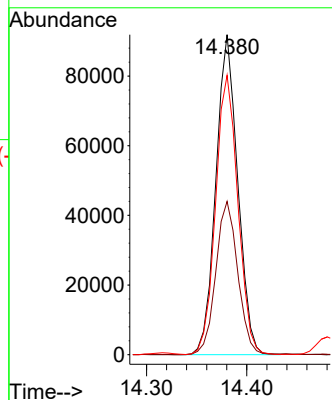
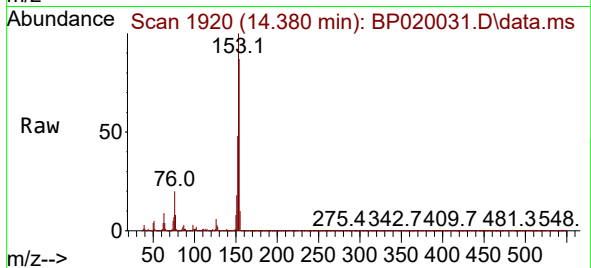
Tgt Ion:153 Resp: 138972

Ion Ratio Lower Upper

153 100

152 47.9 37.9 56.9

154 87.3 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 7.294 ng/ul

RT: 14.480 min Scan# 1937

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

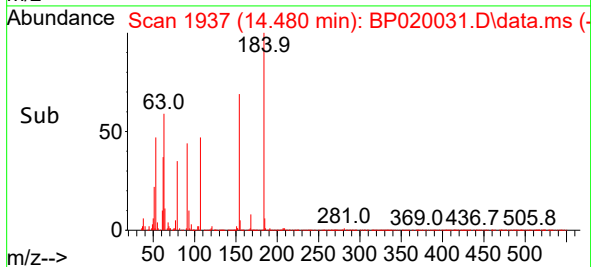
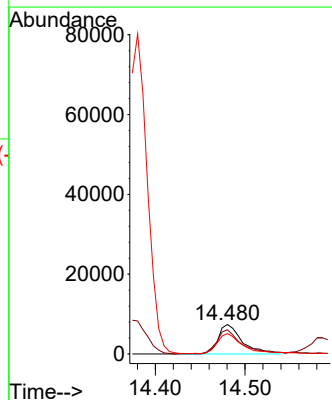
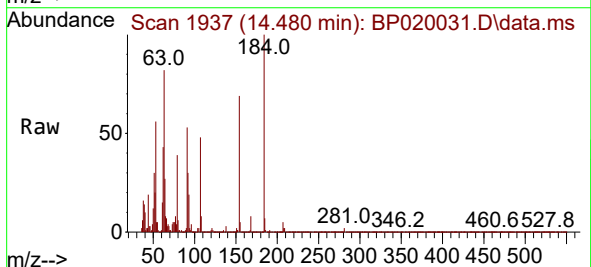
Tgt Ion:184 Resp: 13720

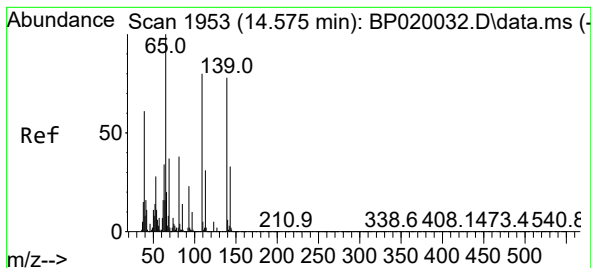
Ion Ratio Lower Upper

184 100

63 82.5 65.0 97.6

154 69.3 55.4 83.2

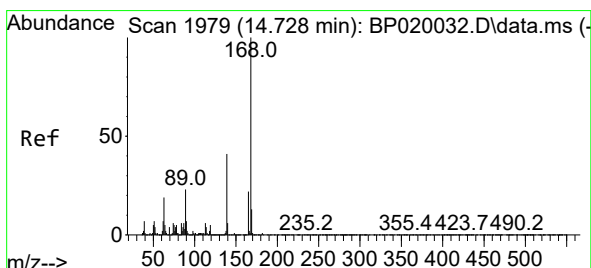
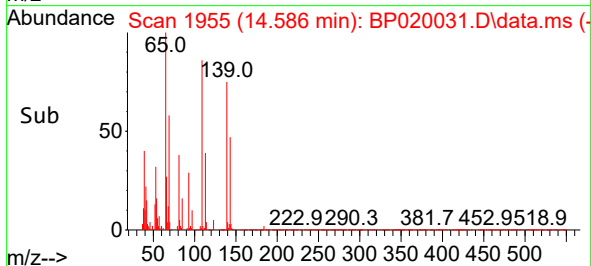
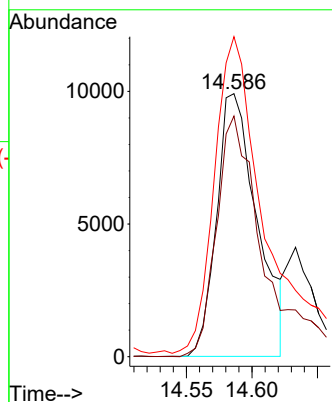
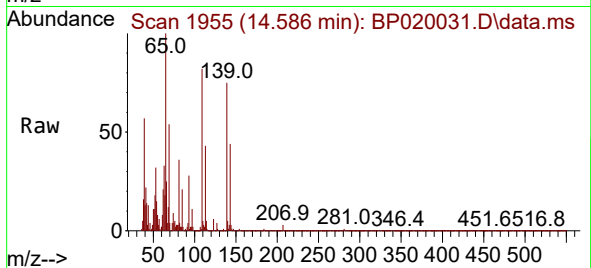




#55
4-Nitrophenol
Concen: 8.833 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. 0.011 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

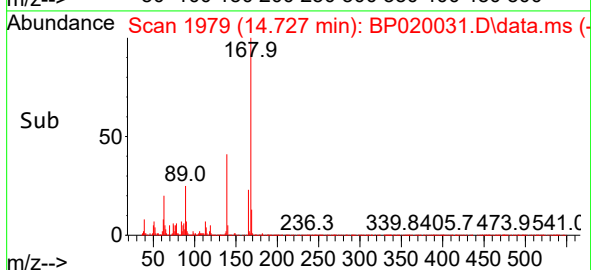
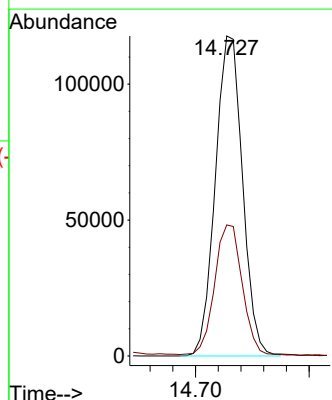
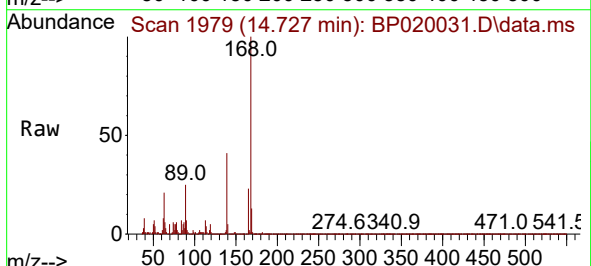
Instrument :
BNA_P
ClientSampleId :
SSTD010610

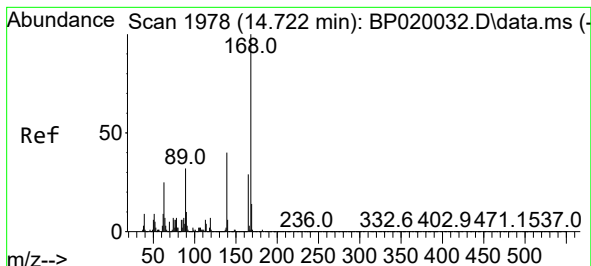
Tgt Ion:109 Resp: 21339
Ion Ratio Lower Upper
109 100
139 91.4 77.9 116.9
65 121.6 100.9 151.3



#56
Dibenzofuran
Concen: 10.307 ng/ul
RT: 14.727 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:168 Resp: 195673
Ion Ratio Lower Upper
168 100
139 40.9 32.6 49.0





#57

2,4-Dinitrotoluene

Concen: 9.290 ng/ul

RT: 14.727 min Scan# 1978

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

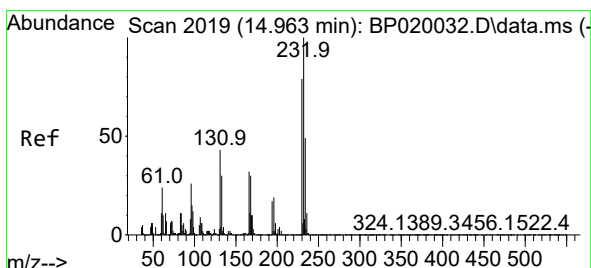
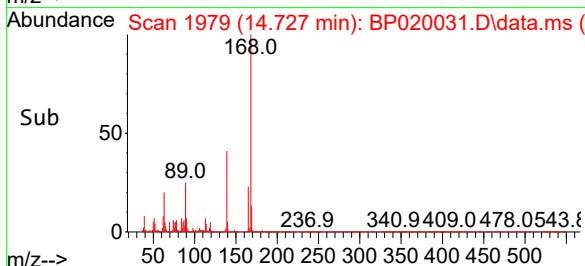
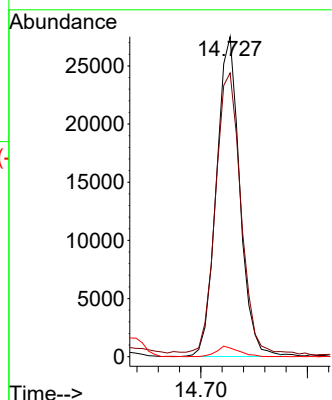
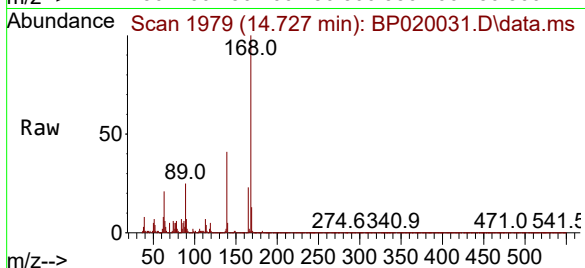
Tgt Ion:165 Resp: 41764

Ion Ratio Lower Upper

165 100

63 88.6 70.2 105.4

182 2.7 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.758 ng/ul

RT: 14.969 min Scan# 2020

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Tgt Ion:232 Resp: 40262

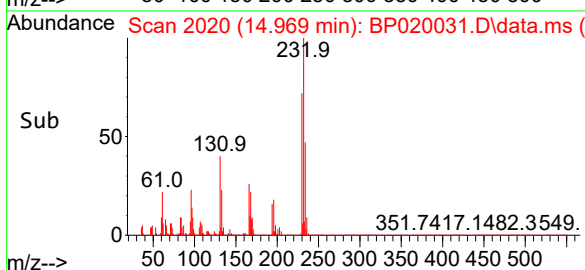
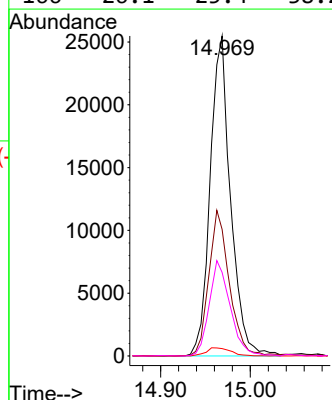
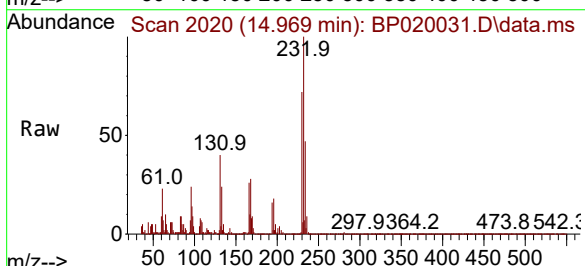
Ion Ratio Lower Upper

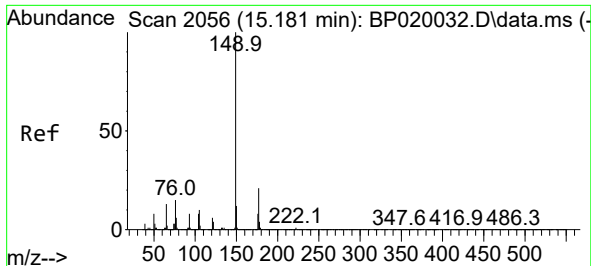
232 100

131 39.6 34.5 51.7

130 2.3 2.4 3.6#

166 26.1 25.4 38.2

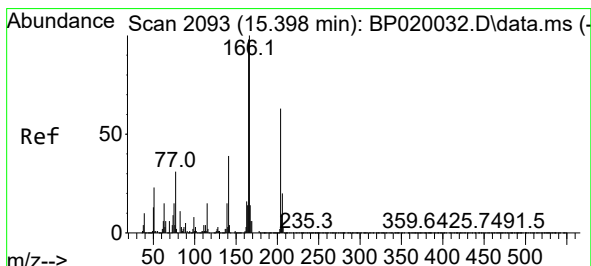
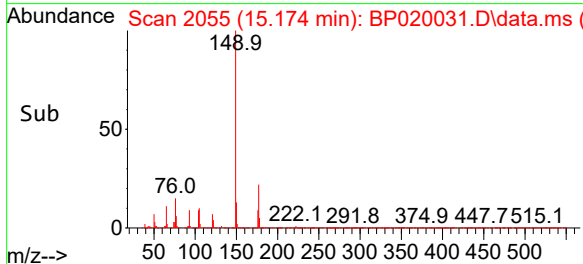
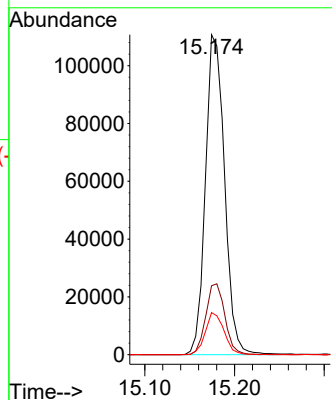
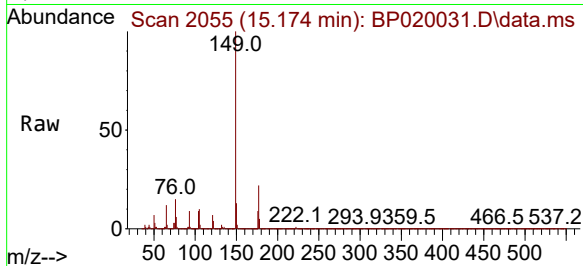




#59
Diethylphthalate
Concen: 10.063 ng/ul
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

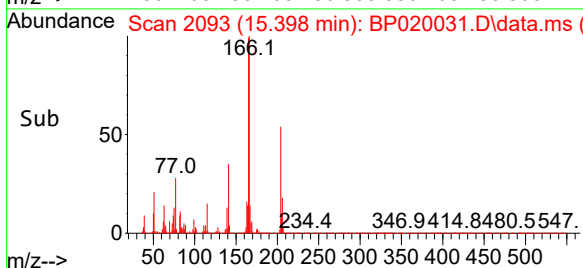
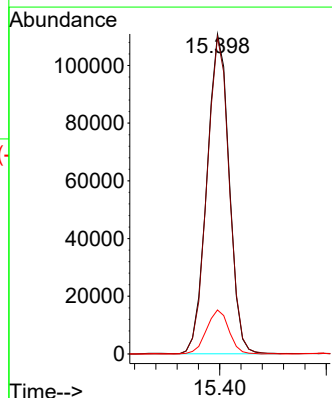
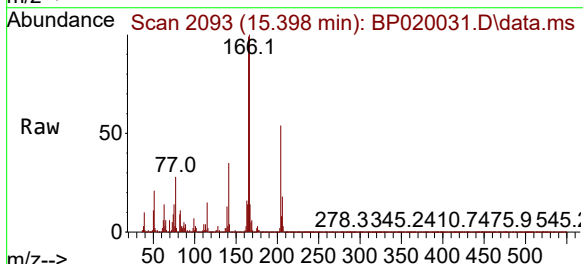
Instrument :
BNA_P
ClientSampleId :
SSTD010610

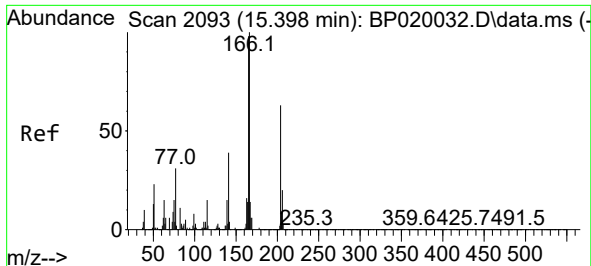
Tgt Ion:149 Resp: 163740
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 13.2 9.9 14.9



#61
Fluorene
Concen: 10.353 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:166 Resp: 161151
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.4
167 13.8 10.9 16.3

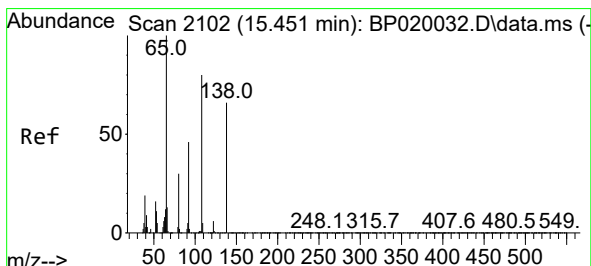
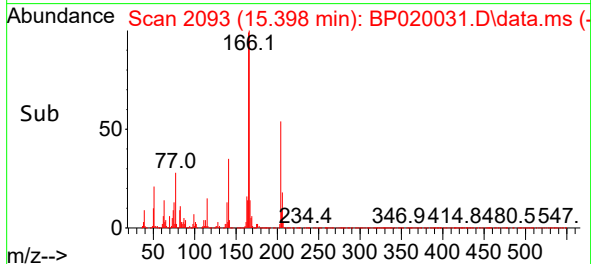
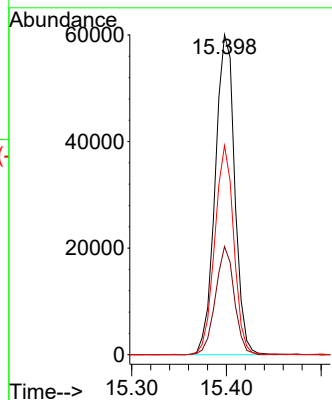
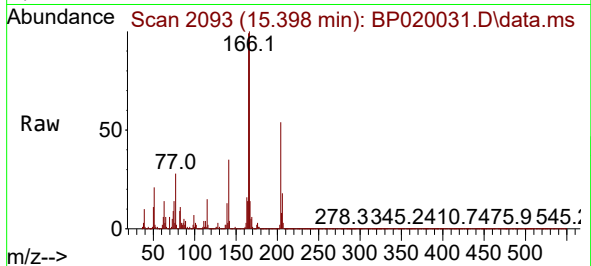




#62
4-Chlorophenyl-phenylether
Concen: 10.262 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

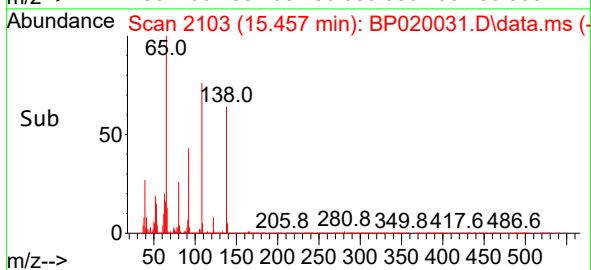
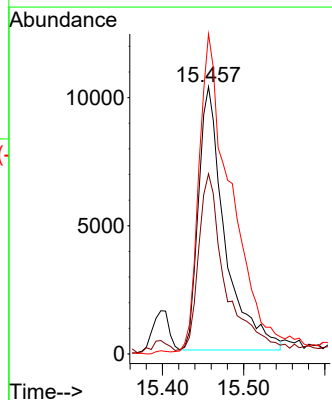
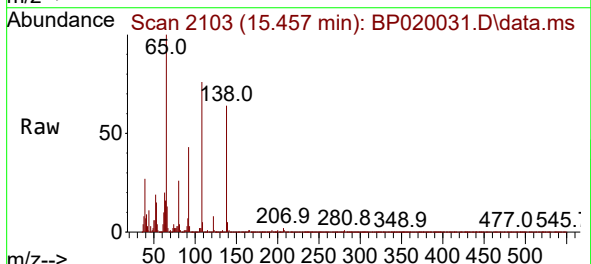
Instrument :
BNA_P
ClientSampleId :
SSTD010610

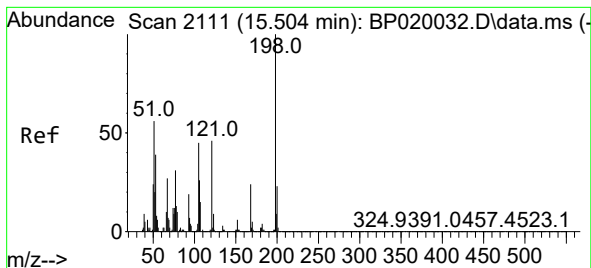
Tgt Ion:204 Resp: 86034
Ion Ratio Lower Upper
204 100
206 33.8 25.1 37.7
141 65.4 49.3 73.9



#63
4-Nitroaniline
Concen: 8.926 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:138 Resp: 23234
Ion Ratio Lower Upper
138 100
92 67.5 55.2 82.8
108 119.8 95.4 143.0

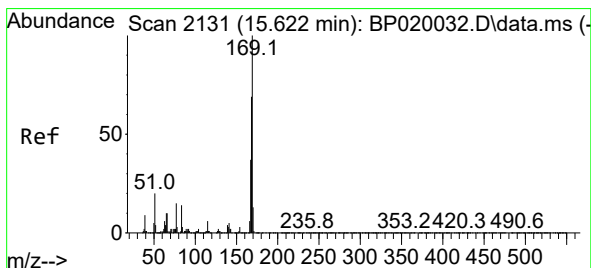
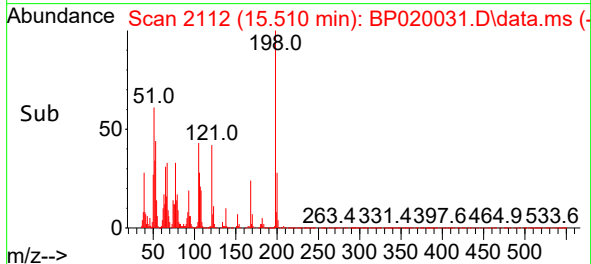
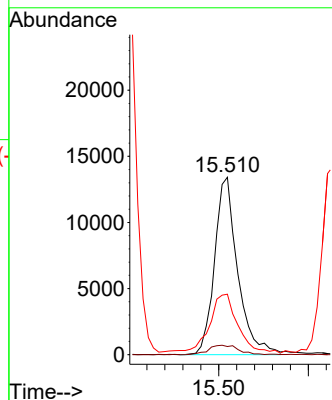
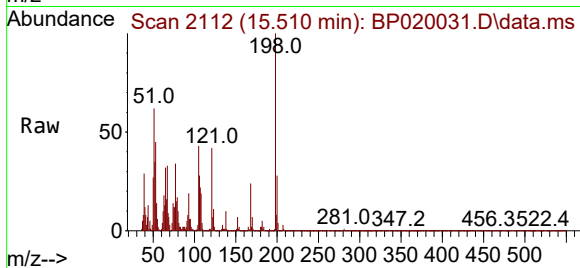




#66
4,6-Dinitro-2-methylphenol
Concen: 7.457 ng/ul
RT: 15.510 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

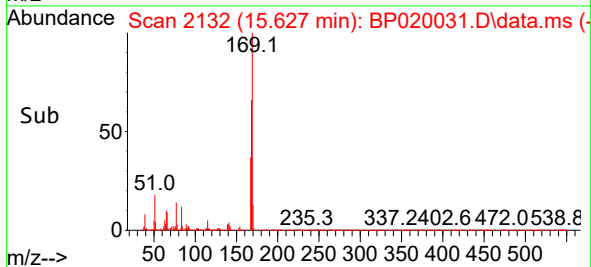
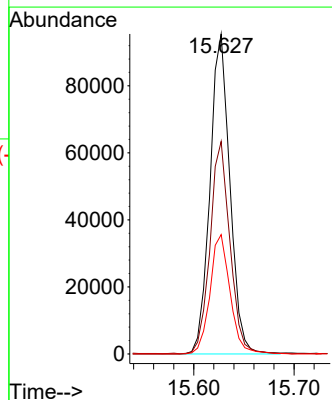
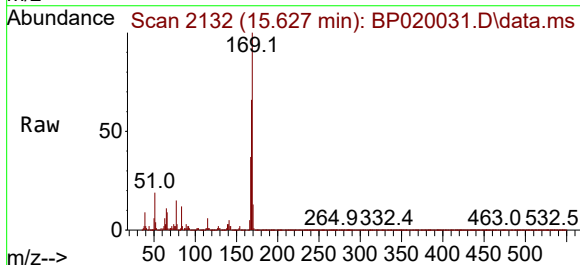
Instrument :
BNA_P
ClientSampleId :
SSTD010610

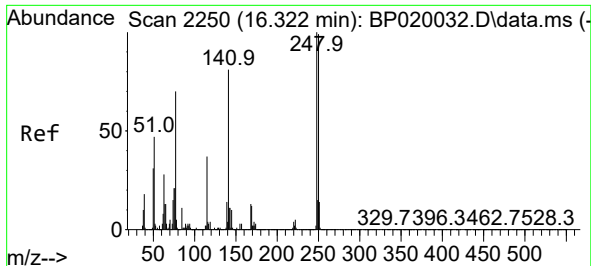
Tgt Ion:198 Resp: 23988
Ion Ratio Lower Upper
198 100
182 4.6 3.0 4.6#
77 34.1 25.6 38.4



#67
N-Nitrosodiphenylamine
Concen: 9.347 ng/ul
RT: 15.627 min Scan# 2132
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:169 Resp: 131748
Ion Ratio Lower Upper
169 100
168 66.4 55.0 82.6
167 37.3 29.5 44.3

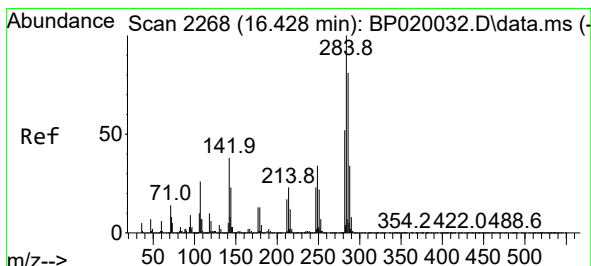
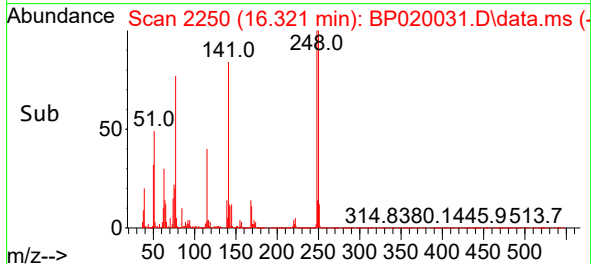
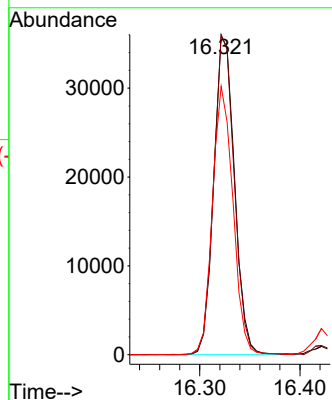
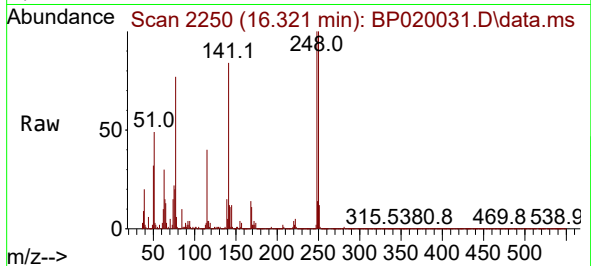




#68
4-Bromophenyl-phenylether
Concen: 9.289 ng/ul
RT: 16.321 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

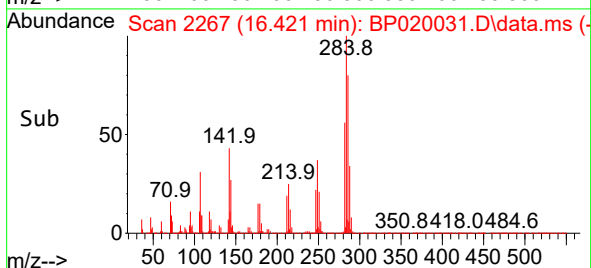
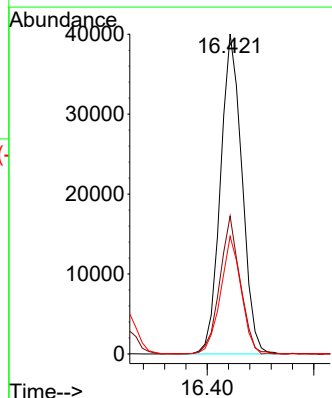
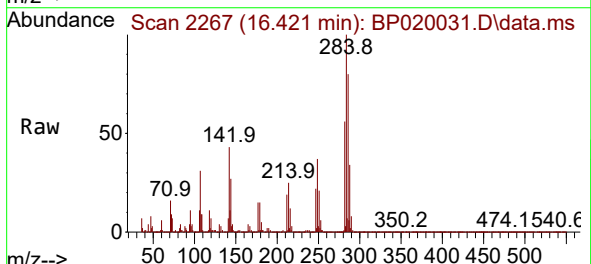
Instrument :
BNA_P
ClientSampleId :
SSTD010610

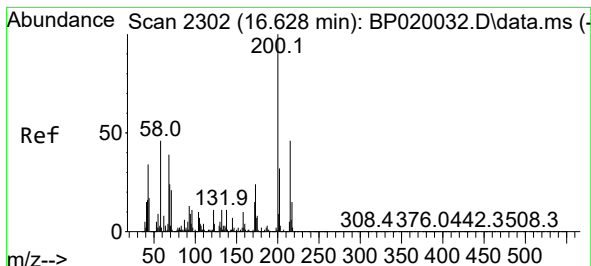
Tgt Ion:248 Resp: 51606
Ion Ratio Lower Upper
248 100
250 100.2 79.2 118.8
141 84.1 65.1 97.7



#69
Hexachlorobenzene
Concen: 9.158 ng/ul
RT: 16.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:284 Resp: 56118
Ion Ratio Lower Upper
284 100
142 43.1 30.6 45.8
249 36.7 26.9 40.3





#70

Atrazine

Concen: 9.131 ng/ul

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

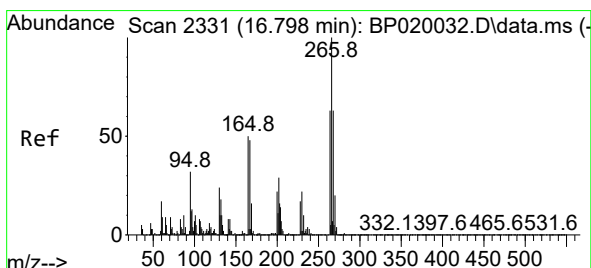
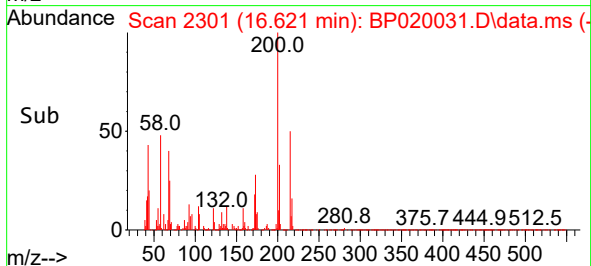
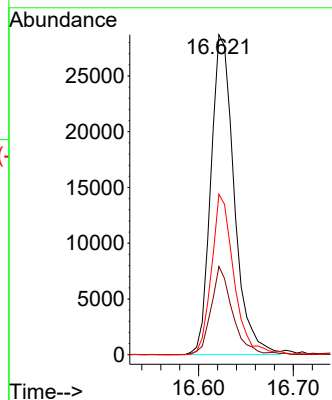
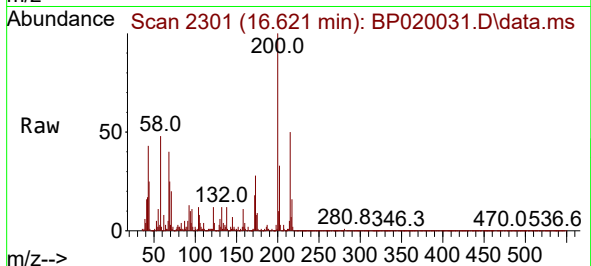
Tgt Ion:200 Resp: 49065

Ion Ratio Lower Upper

200 100

173 27.6 19.3 28.9

215 50.1 36.6 54.8



#71

Pentachlorophenol

Concen: 8.168 ng/ul

RT: 16.798 min Scan# 2331

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

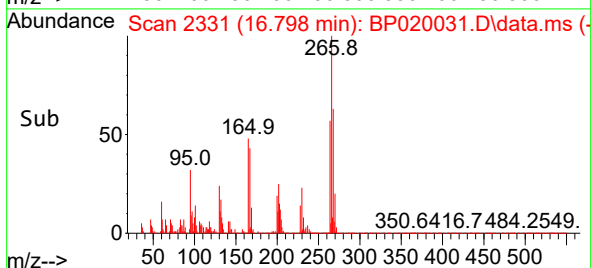
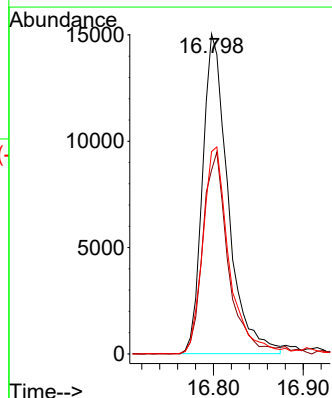
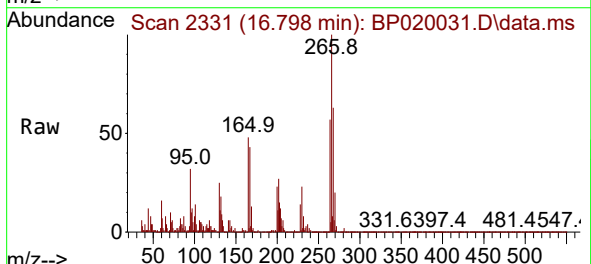
Tgt Ion:266 Resp: 29700

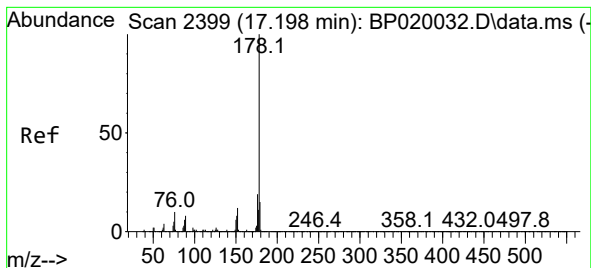
Ion Ratio Lower Upper

266 100

264 57.4 50.6 75.8

268 63.3 50.3 75.5





#72

Phenanthrene

Concen: 9.640 ng/ul

RT: 17.204 min Scan# 2400

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

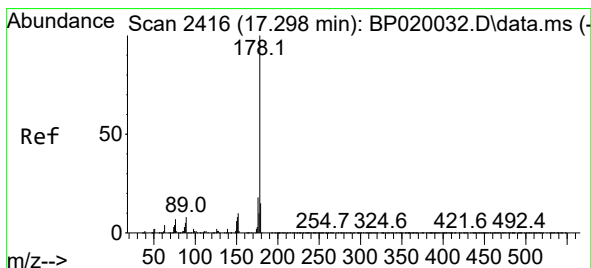
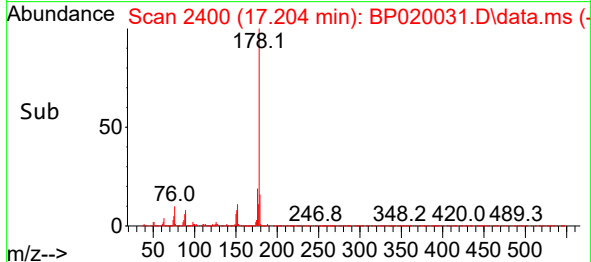
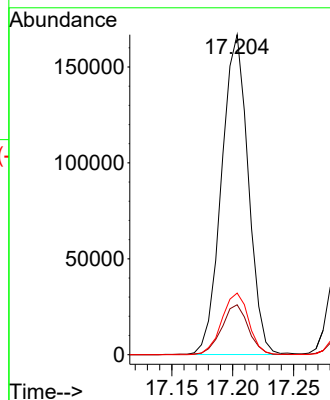
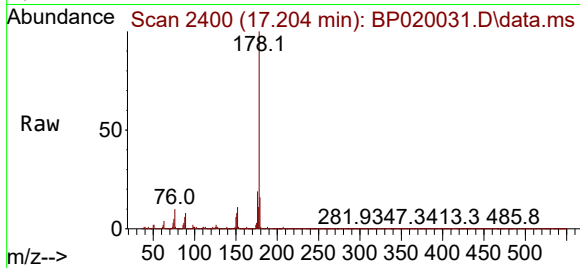
Tgt Ion:178 Resp: 254434

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.3 15.5 23.3



#74

Anthracene

Concen: 9.430 ng/ul

RT: 17.298 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

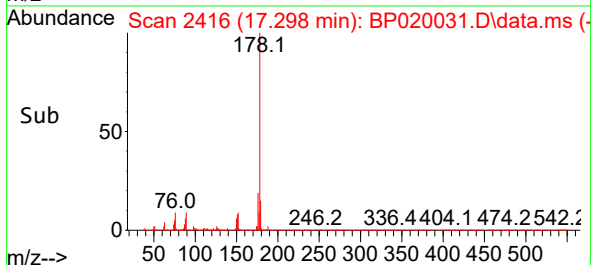
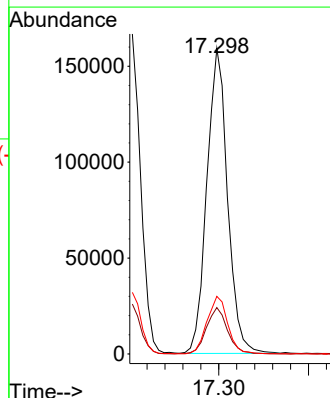
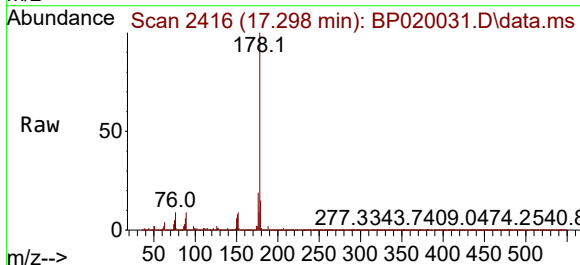
Tgt Ion:178 Resp: 254448

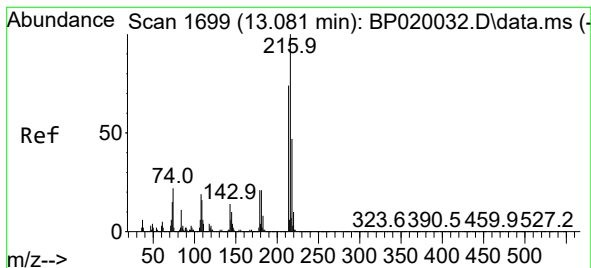
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.9 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 8.817 ng/uL

RT: 13.086 min Scan# 11

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

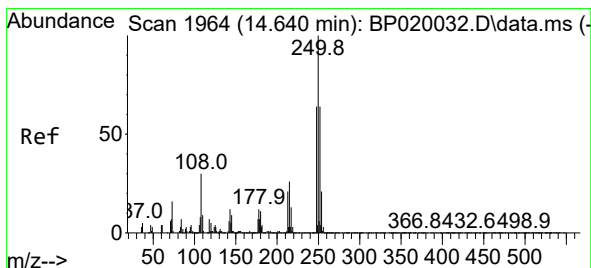
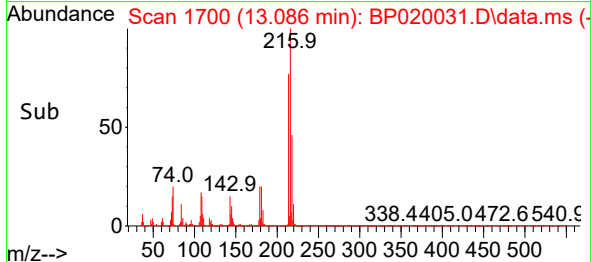
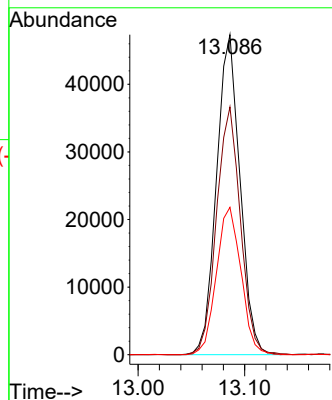
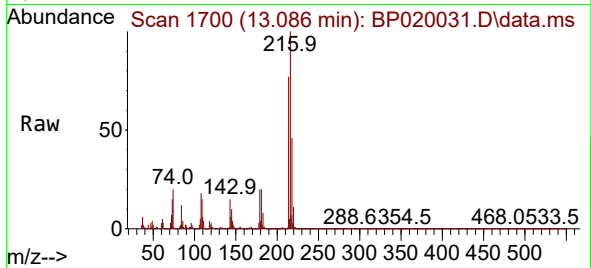
Tgt Ion:216 Resp: 72573

Ion Ratio Lower Upper

216 100

214 77.4 59.3 88.9

218 46.0 37.8 56.8



#76

Pentachlorobenzene

Concen: 9.078 ng/uL

RT: 14.639 min Scan# 1964

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

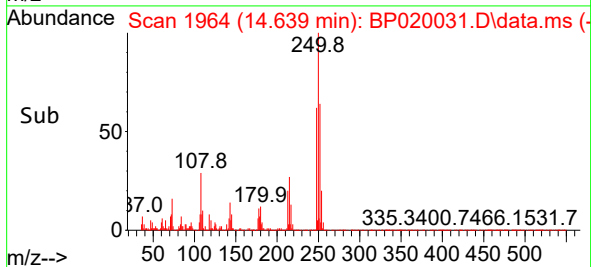
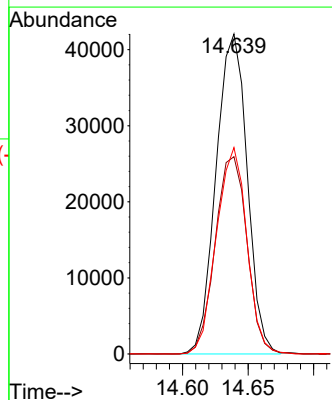
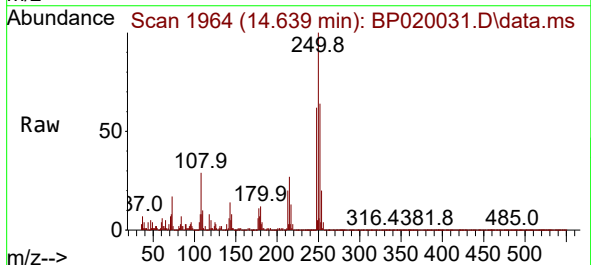
Tgt Ion:250 Resp: 69455

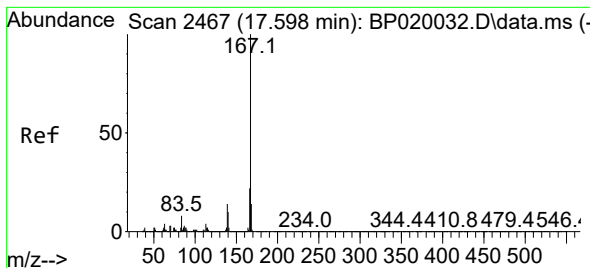
Ion Ratio Lower Upper

250 100

248 57.9 51.2 76.8

252 60.6 50.9 76.3





#77

Carbazole

Concen: 9.669 ng/ul

RT: 17.598 min Scan# 2467

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

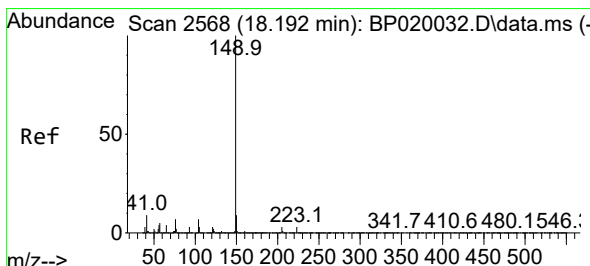
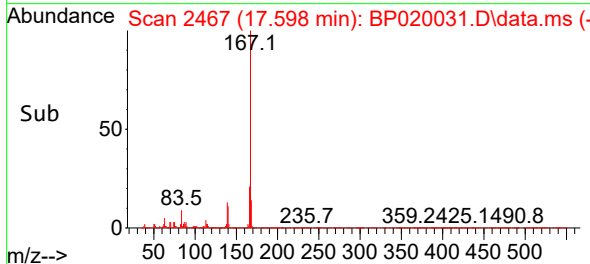
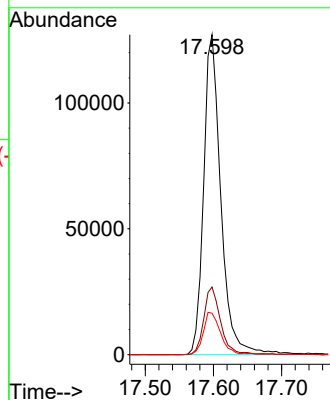
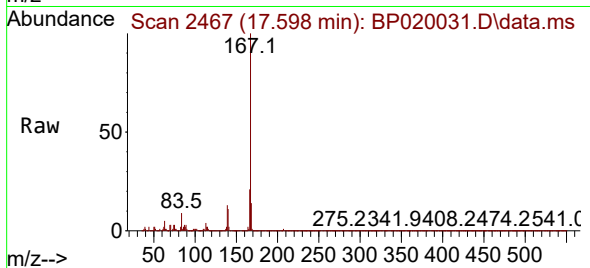
Tgt Ion:167 Resp: 222841

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.2

139 13.0 10.9 16.3



#78

Di-n-butylphthalate

Concen: 9.374 ng/ul

RT: 18.192 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

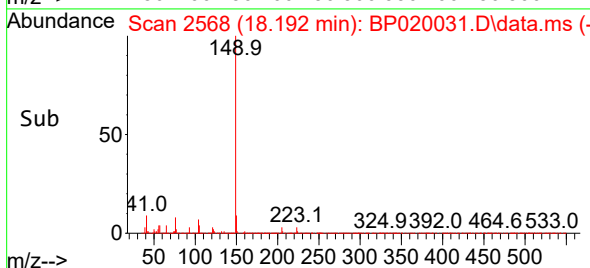
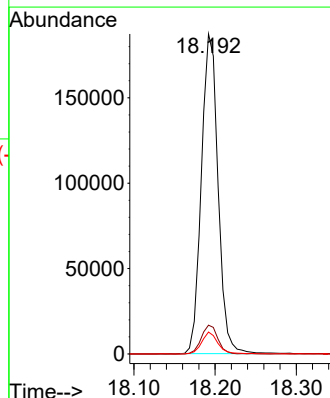
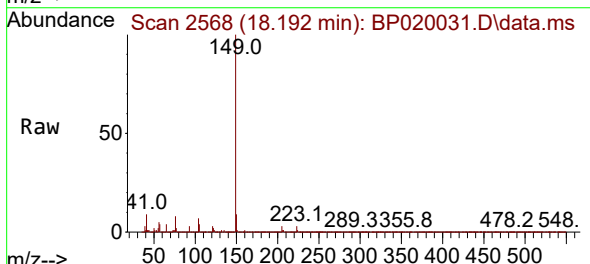
Tgt Ion:149 Resp: 267146

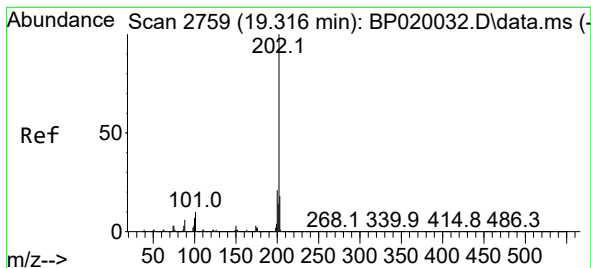
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 6.8 5.3 7.9





#80

Fluoranthene

Concen: 8.982 ng/ul

RT: 19.309 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

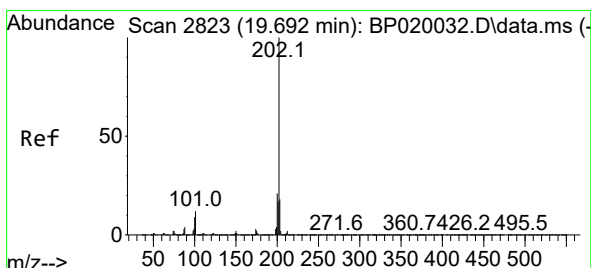
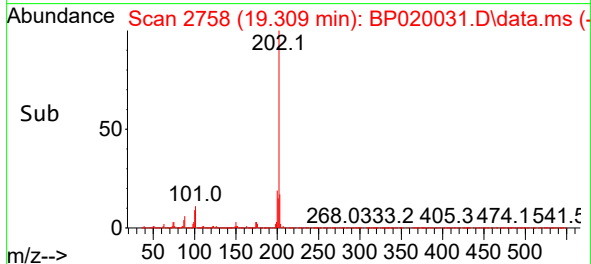
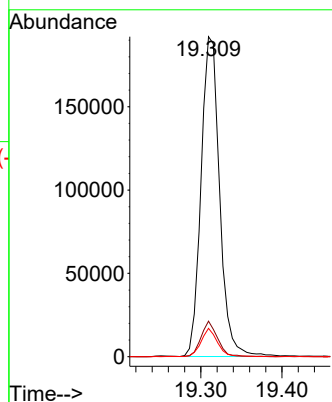
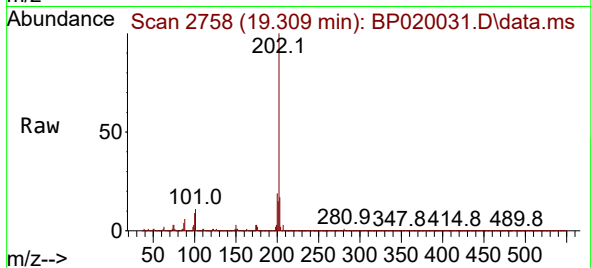
Tgt Ion:202 Resp: 305166

Ion Ratio Lower Upper

202 100

101 11.1 7.7 11.5

100 8.9 5.7 8.5#



#82

Pyrene

Concen: 9.127 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

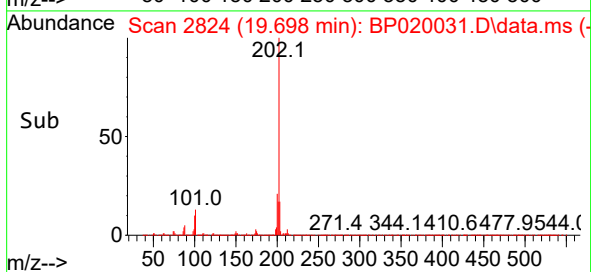
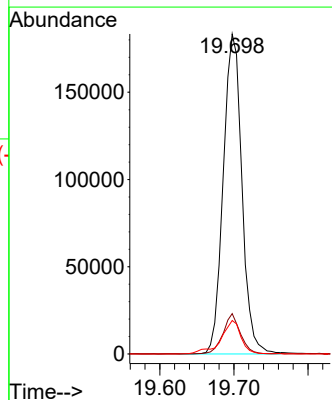
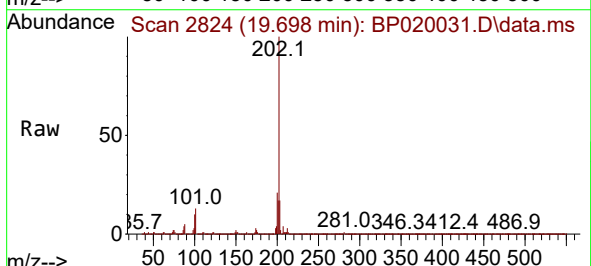
Tgt Ion:202 Resp: 320529

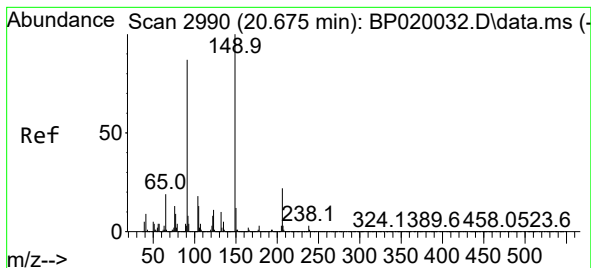
Ion Ratio Lower Upper

202 100

101 12.6 9.3 13.9

100 10.5 7.6 11.4





#83

Butylbenzylphthalate

Concen: 8.342 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

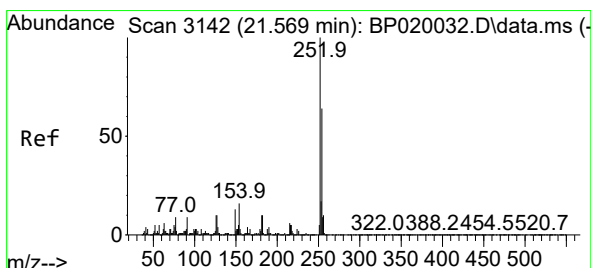
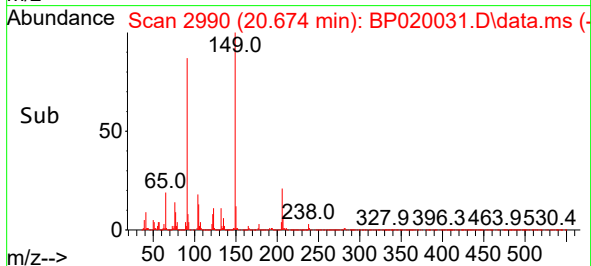
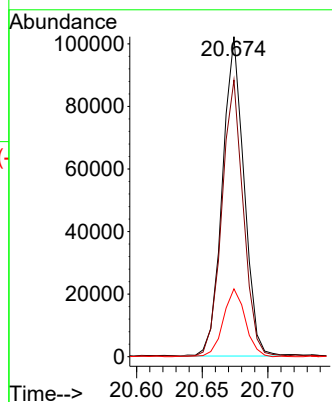
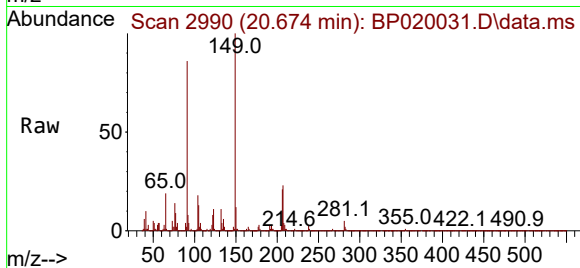
Tgt Ion:149 Resp: 117150

Ion Ratio Lower Upper

149 100

91 86.5 69.6 104.4

206 21.2 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 9.707 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

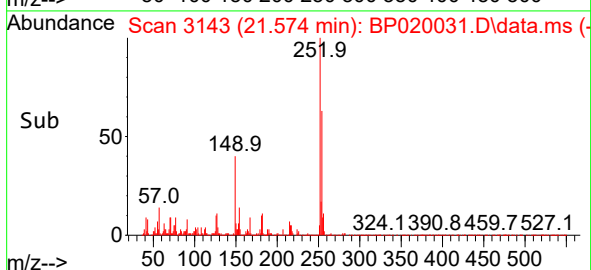
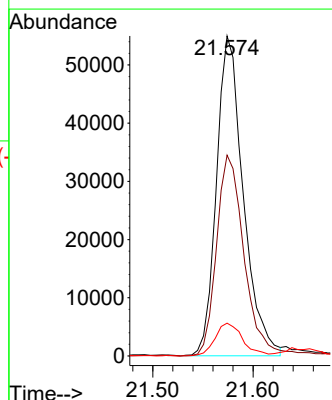
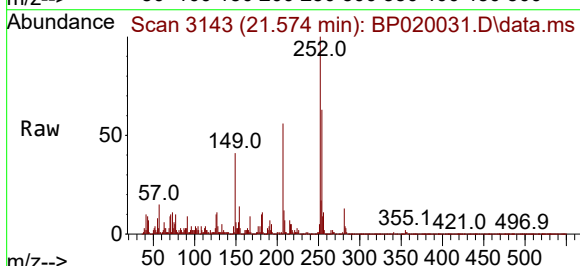
Tgt Ion:252 Resp: 102135

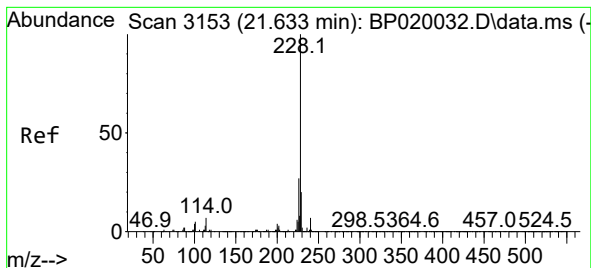
Ion Ratio Lower Upper

252 100

254 62.8 51.5 77.3

126 10.3 7.9 11.9





#85

Benzo(a)anthracene

Concen: 9.904 ng/ul

RT: 21.639 min Scan# 3153

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

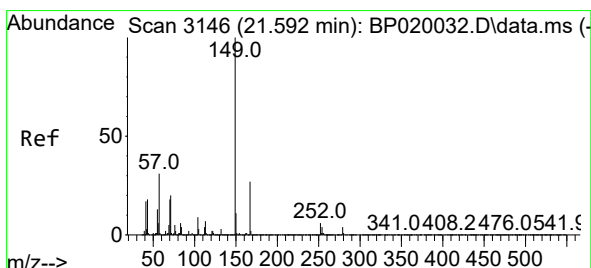
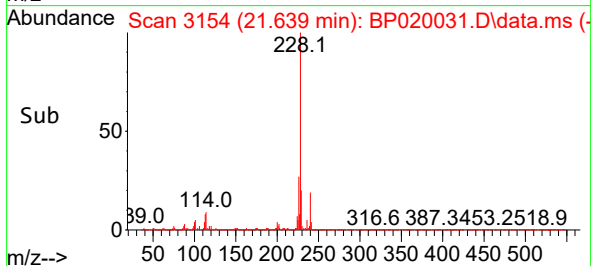
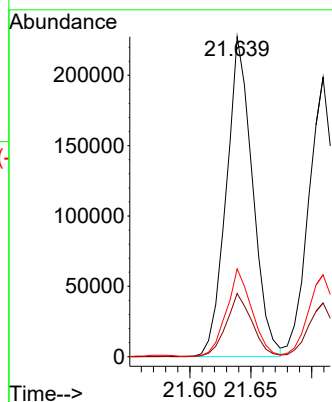
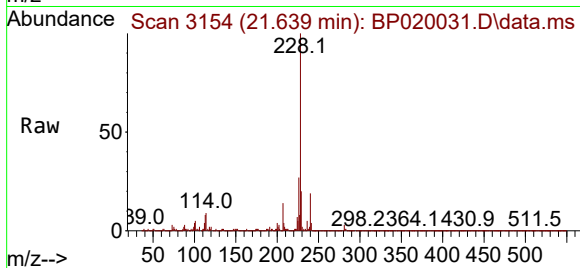
Tgt Ion:228 Resp: 340571

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.4 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 8.773 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

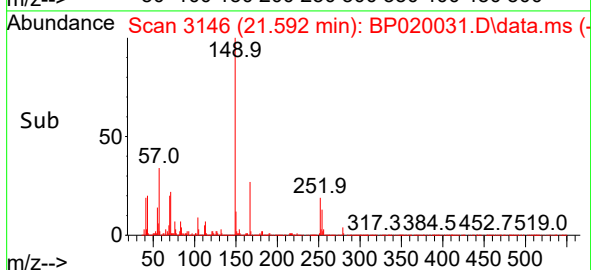
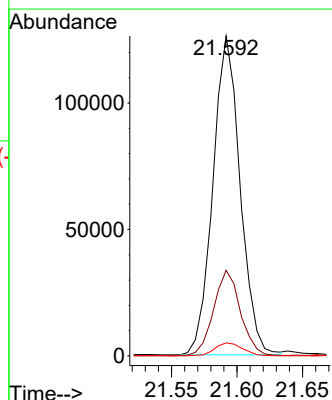
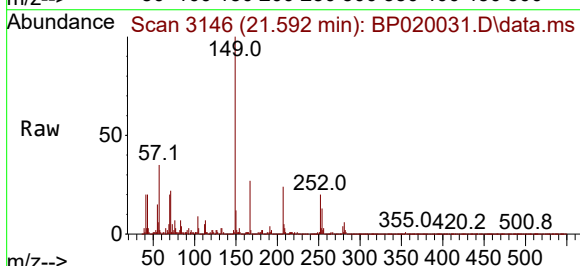
Tgt Ion:149 Resp: 181880

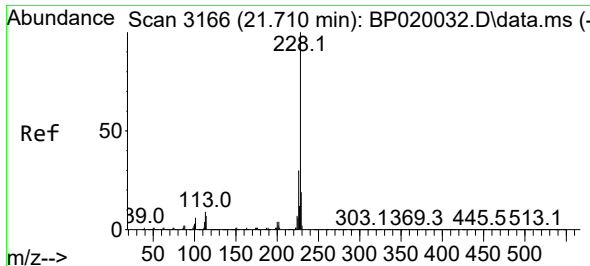
Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

279 4.1 3.2 4.8

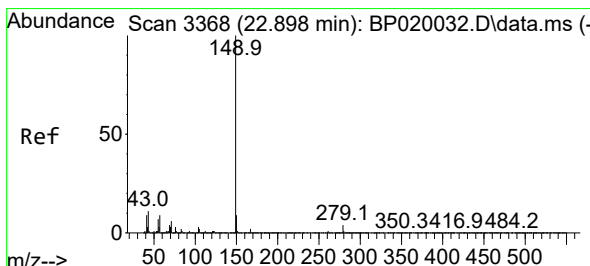
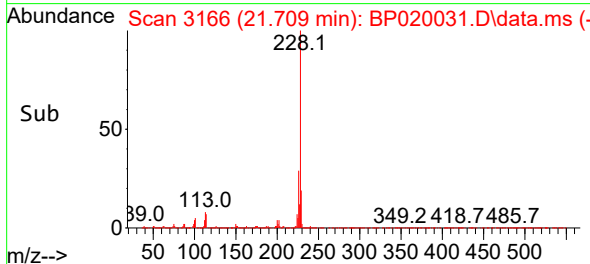
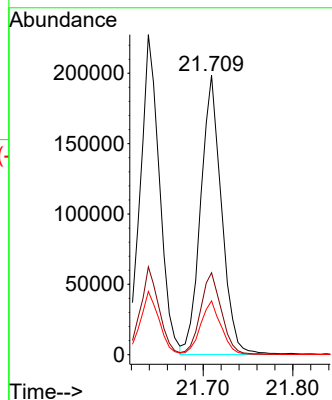
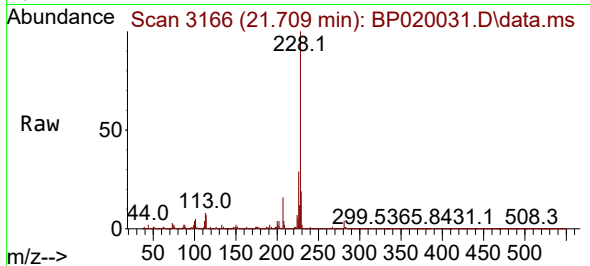




#87
Chrysene
Concen: 9.955 ng/ul
RT: 21.709 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

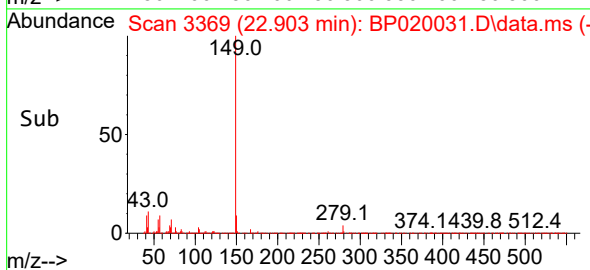
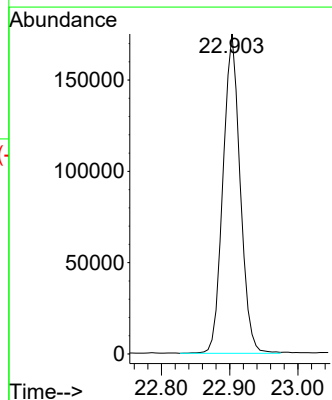
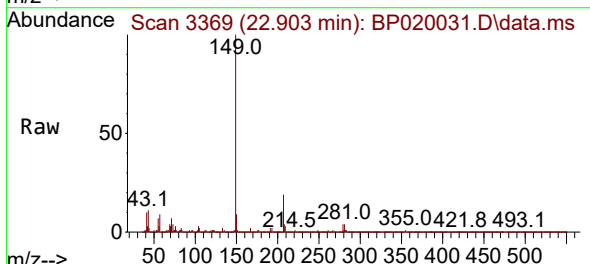
Instrument :
BNA_P
ClientSampleId :
SSTD010610

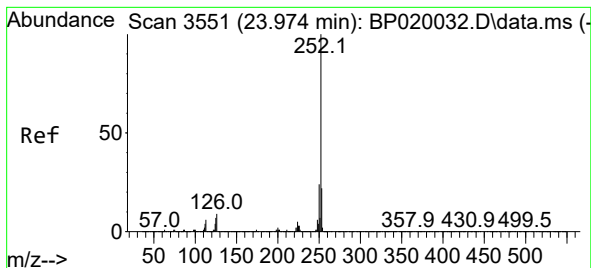
Tgt Ion:228 Resp: 320202
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.4
229 19.2 15.4 23.2



#89
Di-n-octyl phthalate
Concen: 8.999 ng/ul
RT: 22.903 min Scan# 3369
Delta R.T. 0.005 min
Lab File: BP020031.D
Acq: 19 Apr 2024 16:49

Tgt Ion:149 Resp: 306852





#90

Benzo(b)fluoranthene

Concen: 9.787 ng/ul

RT: 23.968 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

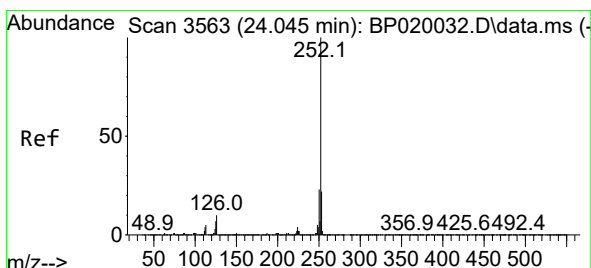
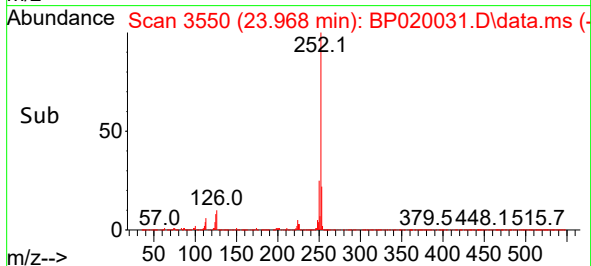
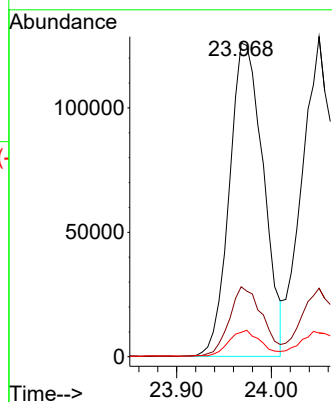
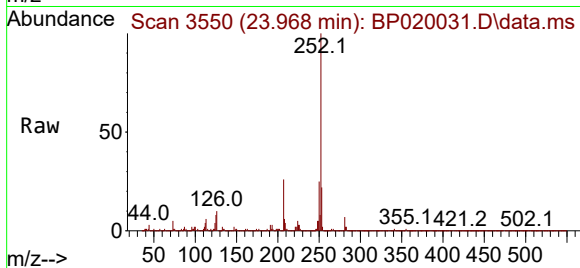
Tgt Ion:252 Resp: 314502

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 7.8 5.8 8.6



#91

Benzo(k)fluoranthene

Concen: 9.924 ng/ul

RT: 24.050 min Scan# 3564

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

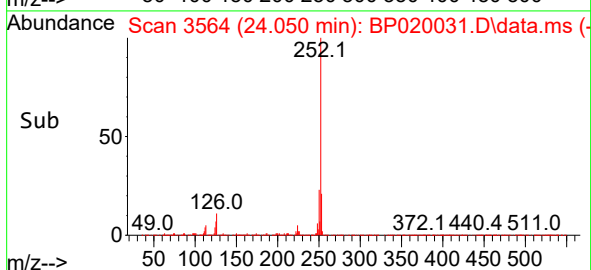
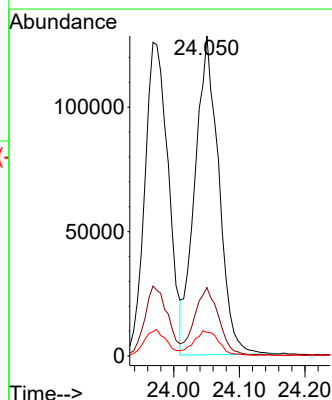
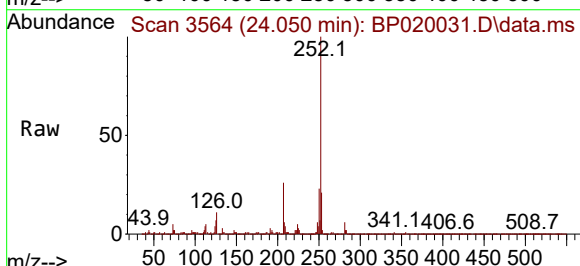
Tgt Ion:252 Resp: 324254

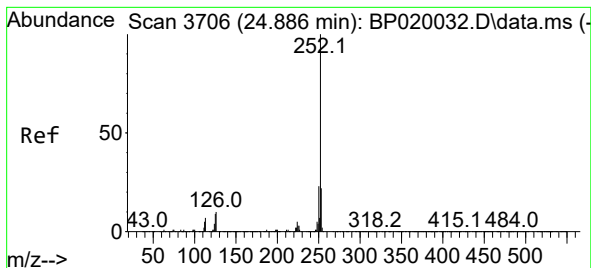
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 7.4 5.9 8.9





#93

Benzo(a)pyrene

Concen: 9.780 ng/ul

RT: 24.886 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

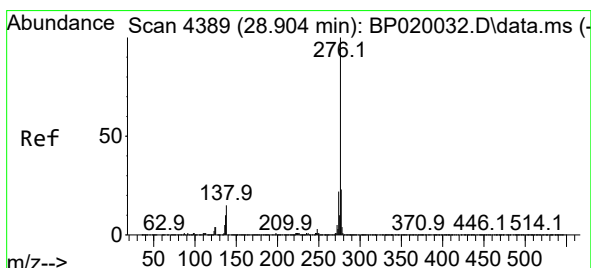
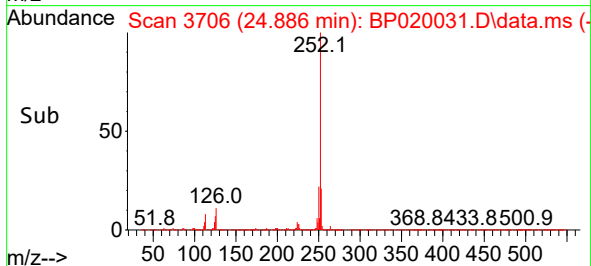
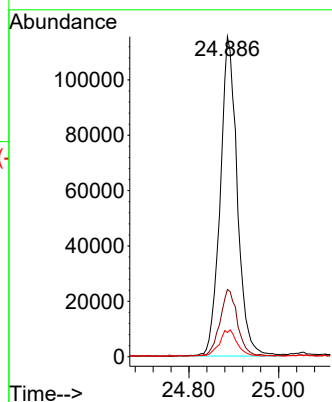
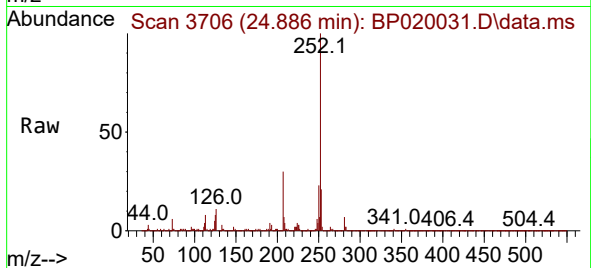
Tgt Ion:252 Resp: 304510

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 7.5 7.0 10.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.904 ng/ul

RT: 28.885 min Scan# 4386

Delta R.T. -0.018 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

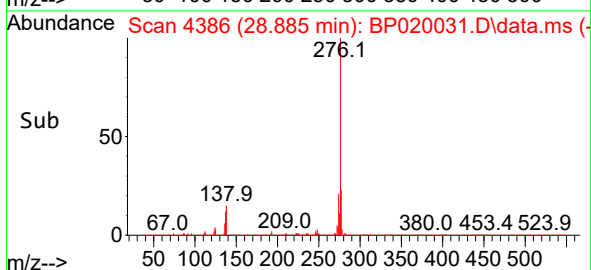
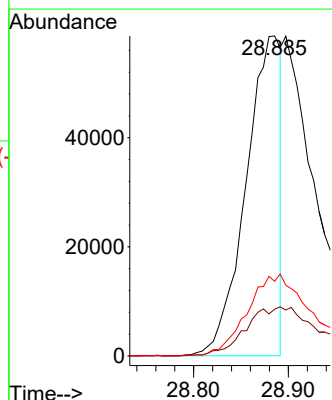
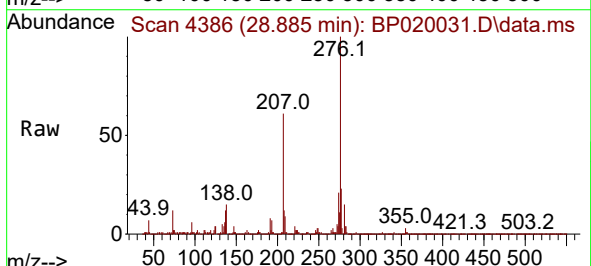
Tgt Ion:276 Resp: 150195

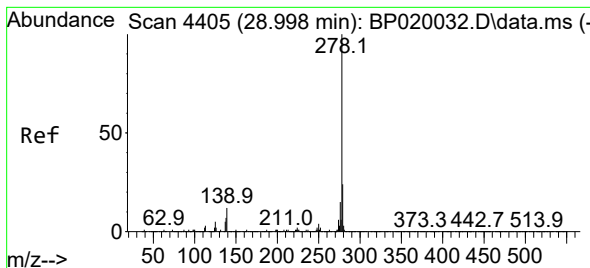
Ion Ratio Lower Upper

276 100

138 14.6 11.7 17.5

277 23.4 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 4.465 ng/ul

RT: 28.985 min Scan# 4405

Delta R.T. -0.012 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Instrument :

BNA_P

ClientSampleId :

SSTD010610

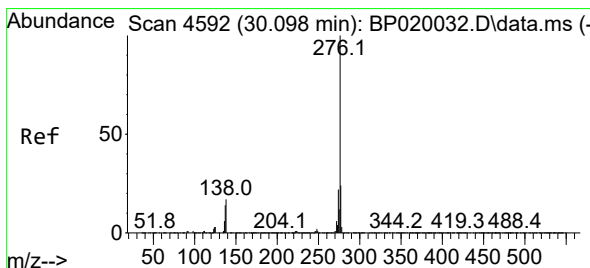
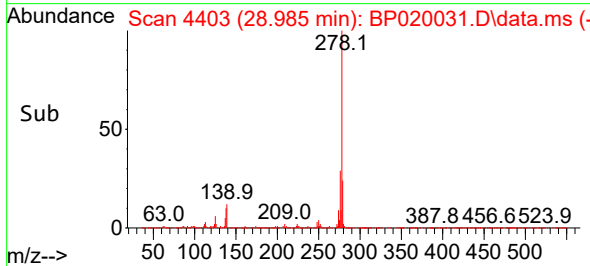
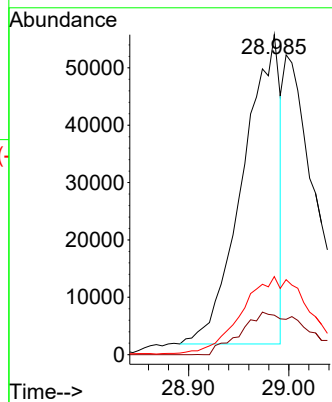
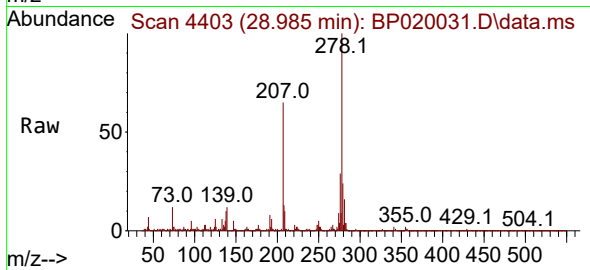
Tgt Ion:278 Resp: 139106

Ion Ratio Lower Upper

278 100

139 12.4 9.4 14.2

279 24.4 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 9.043 ng/ul

RT: 30.103 min Scan# 4593

Delta R.T. 0.005 min

Lab File: BP020031.D

Acq: 19 Apr 2024 16:49

Tgt Ion:276 Resp: 280559

Ion Ratio Lower Upper

276 100

138 15.8 13.5 20.3

277 24.0 19.4 29.2

