

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014393.D
 Acq On : 30 Mar 2023 10:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020798

Quant Time: Mar 30 22:38:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 12:32:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	128979	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	586964	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	395788	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	906368	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	934236	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	993996	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	27417	8.243	ng/uL	0.00
4) Pyridine-d5	3.822	84	191388	22.455	ng/u1	0.00
7) Phenol-d5	7.175	99	249238	20.953	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	168400	22.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	187301	21.786	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	210568	21.946	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	98867	20.865	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	111260	20.505	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	207925	21.042	ng/u1	0.00
31) 4-Chloroaniline-d4	10.987	131	287077	22.056	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	677052	21.098	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	760478	21.357	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	108240	22.326	ng/u1	0.00
60) Fluorene-d10	15.669	176	577760	21.589	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	127845	19.170	ng/u1	0.00
73) Anthracene-d10	17.533	188	941026	21.453	ng/u1	0.00
81) Pyrene-d10	19.763	212	1111751	17.716	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	1109070	21.001	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	29187	7.985	ng/uL	96
5) Pyridine	3.840	79	194547	21.811	ng/u1	93
6) Benzaldehyde	7.158	77	154425	26.118	ng/u1	94
8) Phenol	7.205	94	258128	20.919	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.434	93	214442	21.626	ng/u1	99
12) 2-Chlorophenol	7.575	128	189355	21.161	ng/u1	97
13) 2-Methylphenol	8.463	108	193968	21.078	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.552	45	285615	21.937	ng/u1	100
16) Acetophenone	8.852	105	349560	22.063	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	190896	22.302	ng/u1	95
18) 4-Methylphenol	8.799	108	222242	21.990	ng/u1	98
19) Hexachloroethane	9.104	117	85880	21.965	ng/u1	95
22) Nitrobenzene	9.234	77	282604	20.760	ng/u1	99
23) Isophorone	9.763	82	516951	20.602	ng/u1	99
25) 2-Nitrophenol	9.952	139	118288	20.654	ng/u1	97
26) 2,4-Dimethylphenol	10.004	107	264272	20.616	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.246	93	304211	20.221	ng/u1	99
29) 2,4-Dichlorophenol	10.493	162	202061	20.778	ng/u1	97
30) Naphthalene	10.893	128	692815	21.190	ng/u1	99
32) 4-Chloroaniline	11.010	127	291403	22.104	ng/u1	97
33) Hexachlorobutadiene	11.169	225	156612	20.328	ng/u1	100
34) Caprolactam	11.798	113	65335	22.742	ng/u1	96
35) 4-Chloro-3-methylphenol	12.128	107	254699	21.294	ng/u1	100
36) 2-Methylnaphthalene	12.498	142	462228	20.861	ng/u1	100

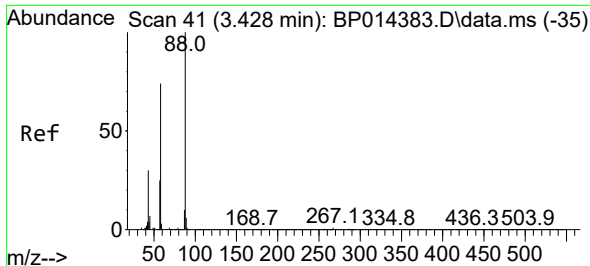
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	463503	21.093	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.863	216	281670	19.961	ng/ul	96
40) Hexachlorocyclopentadiene	12.834	237	157012	17.182	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	178705	20.465	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	193795	20.847	ng/ul	96
43) 1,1'-Biphenyl	13.504	154	647285	20.243	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	512028	20.252	ng/ul	99
45) 2-Nitroaniline	13.763	65	172691	22.056	ng/ul	99
47) Dimethylphthalate	14.122	163	677528	21.116	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	135303	21.583	ng/ul	96
50) Acenaphthylene	14.392	152	815994	21.517	ng/ul	100
51) 3-Nitroaniline	14.592	138	129468	23.053	ng/ul	99
52) Acenaphthene	14.734	153	562098	20.975	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	72145	17.772	ng/ul	96
55) 4-Nitrophenol	14.898	109	109176	22.818	ng/ul	97
56) Dibenzofuran	15.075	168	801709	21.281	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	207206	23.302	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.298	232	183112	21.916	ng/ul	98
59) Diethylphthalate	15.487	149	694538	21.782	ng/ul	99
61) Fluorene	15.722	166	650025	21.288	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.710	204	346584	21.127	ng/ul	98
63) 4-Nitroaniline	15.757	138	113006	24.765	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.810	198	122329	18.927	ng/ul	99
67) N-Nitrosodiphenylamine	15.934	169	543840	19.285	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	214983	19.061	ng/ul	95
69) Hexachlorobenzene	16.733	284	251272	19.396	ng/ul	98
70) Atrazine	16.886	200	215469	20.989	ng/ul	97
71) Pentachlorophenol	17.081	266	142137	18.938	ng/ul	96
72) Phenanthrene	17.475	178	1086838	21.554	ng/ul	99
74) Anthracene	17.569	178	1090288	21.453	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	291758	18.287	ng/ul	97
76) Pentachlorobenzene	14.987	250	297307	18.676	ng/ul	98
77) Carbazole	17.845	167	949418	22.323	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1168762	21.855	ng/ul	100
80) Fluoranthene	19.439	202	1321097	17.805	ng/ul	99
82) Pyrene	19.792	202	1358346	17.535	ng/ul	100
83) Butylbenzylphthalate	20.651	149	577847	21.656	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.433	252	477213	23.097	ng/ul	100
85) Benzo(a)anthracene	21.504	228	1401180	21.165	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	815731	22.357	ng/ul	99
87) Chrysene	21.563	228	1328299	21.249	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	1407843	21.825	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1384803	20.628	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	1408132	21.597	ng/ul	99
93) Benzo(a)pyrene	23.933	252	1225027	21.200	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.692	276	1506378	18.948	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	1252788	18.822	ng/ul	100
96) Benzo(g,h,i)perylene	27.509	276	1188696	18.344	ng/ul	98

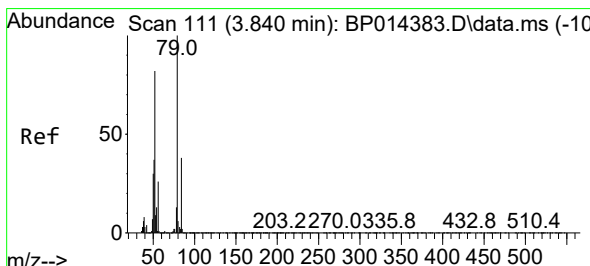
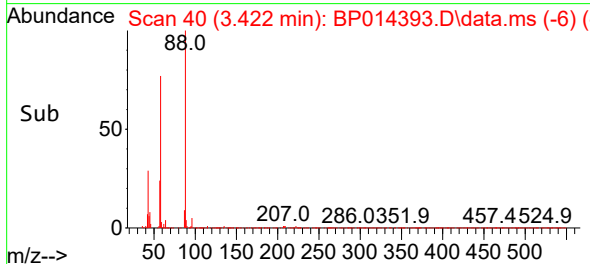
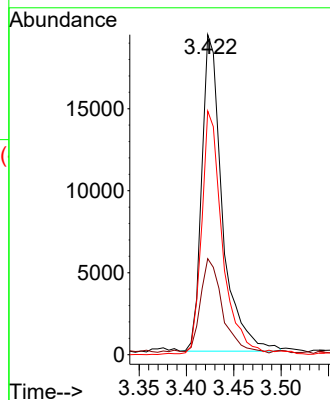
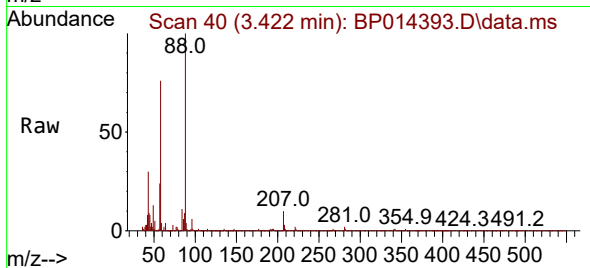
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#2
1,4-Dioxane
Concen: 7.985 ng/uL
RT: 3.422 min Scan# 40
Delta R.T. 0.000 min
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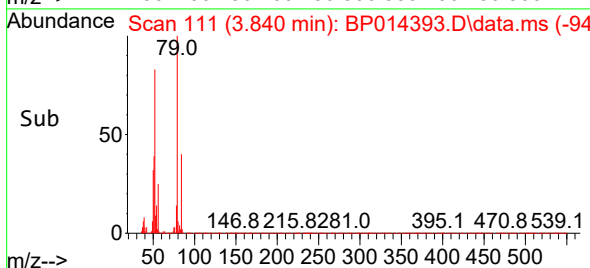
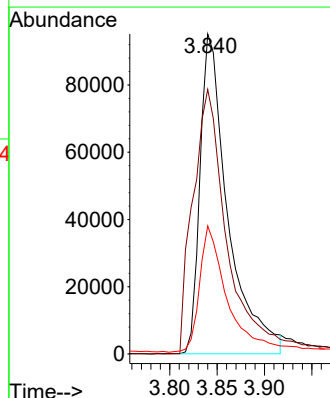
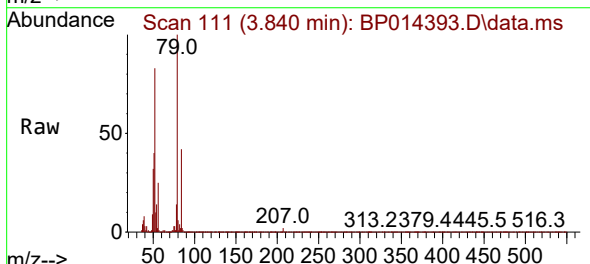
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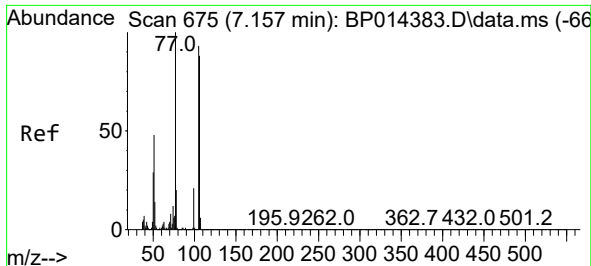
Tgt Ion: 88 Resp: 29187
Ion Ratio Lower Upper
88 100
43 30.0 24.4 36.6
58 76.1 57.4 86.0



#5
Pyridine
Concen: 21.811 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion: 79 Resp: 194547
Ion Ratio Lower Upper
79 100
52 82.7 61.4 92.2
51 40.0 28.5 42.7

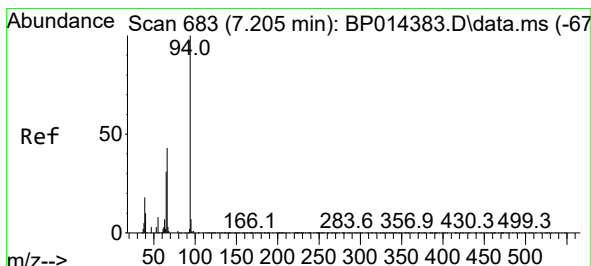
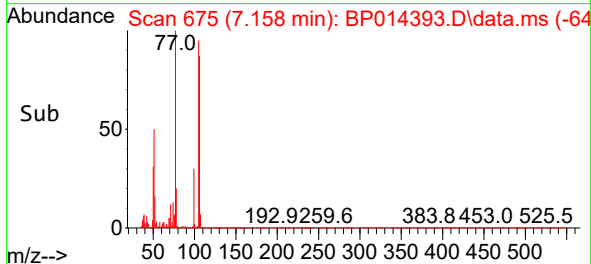
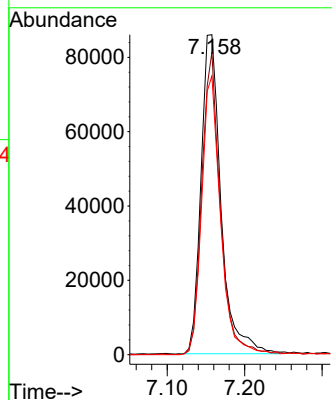
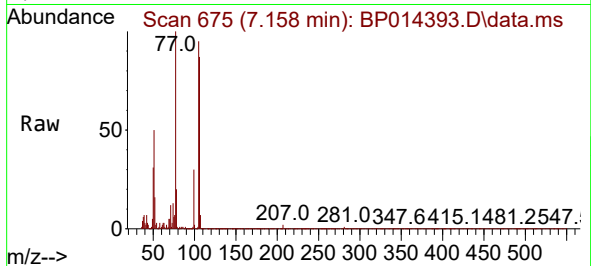




#6
Benzaldehyde
Concen: 26.118 ng/ul
RT: 7.158 min Scan# 675
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

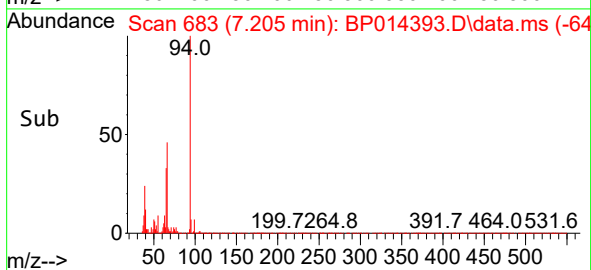
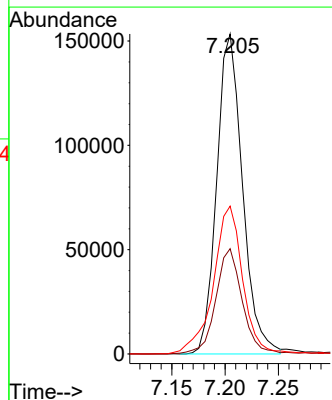
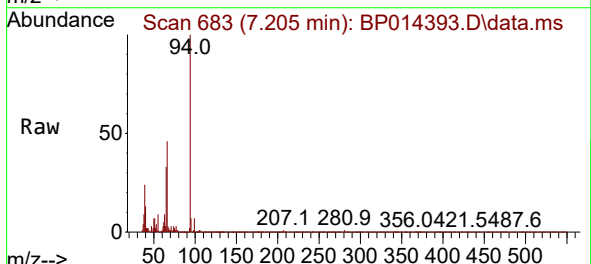
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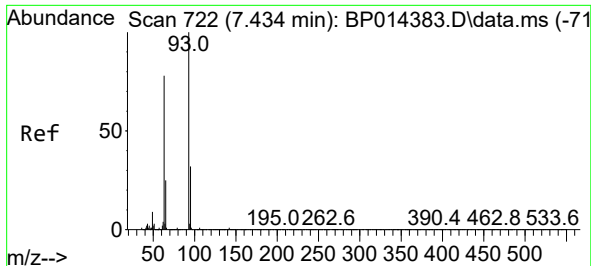
Tgt Ion: 77 Resp: 154425
Ion Ratio Lower Upper
77 100
105 94.5 70.6 105.8
106 87.1 66.5 99.7



#8
Phenol
Concen: 20.919 ng/ul
RT: 7.205 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion: 94 Resp: 258128
Ion Ratio Lower Upper
94 100
65 32.9 25.2 37.8
66 46.2 36.2 54.4

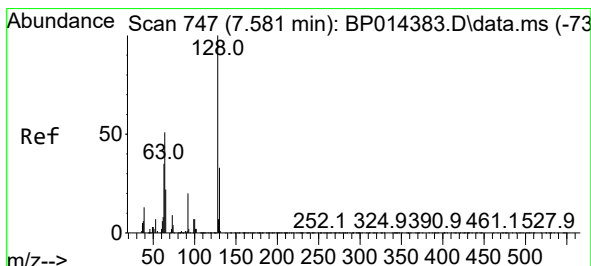
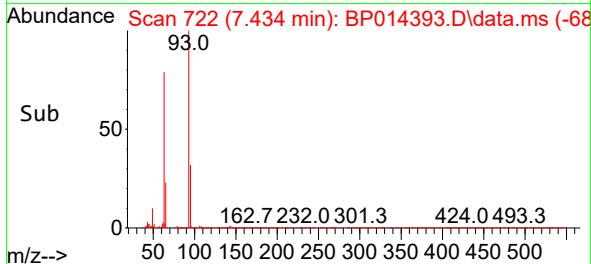
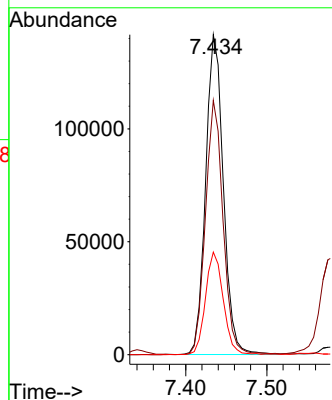
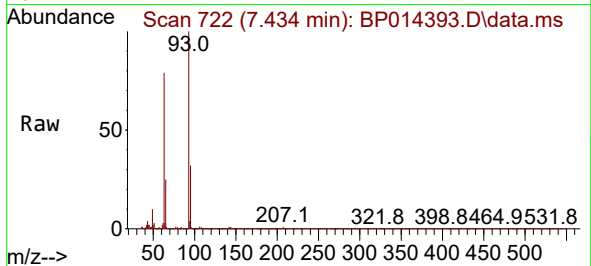




#10
Bis(2-Chloroethyl)ether
Concen: 21.626 ng/ul
RT: 7.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

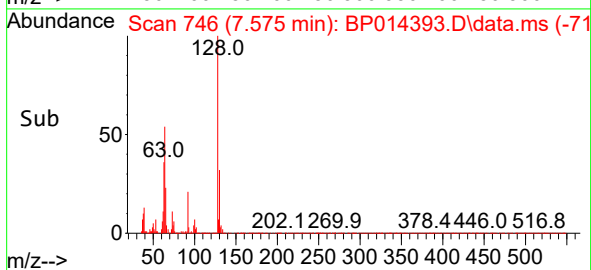
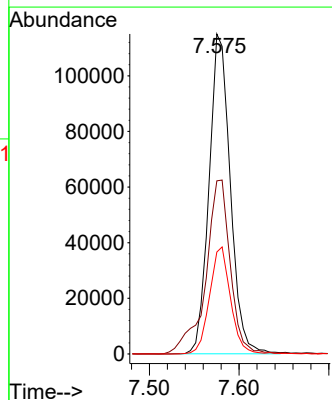
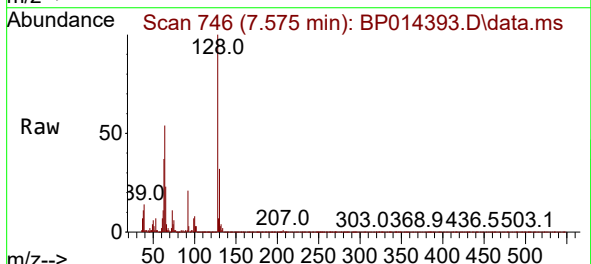
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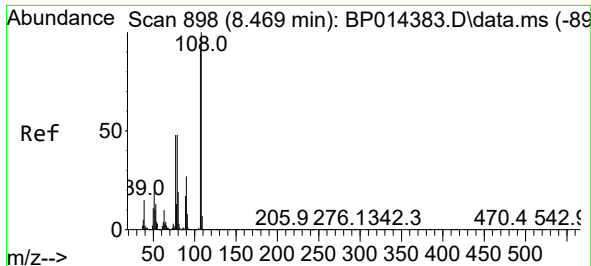
Tgt Ion: 93 Resp: 214442
Ion Ratio Lower Upper
93 100
63 79.5 63.2 94.8
95 32.0 26.0 39.0



#12
2-Chlorophenol
Concen: 21.161 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:128 Resp: 189355
Ion Ratio Lower Upper
128 100
64 54.1 41.4 62.0
130 31.8 24.1 36.1





#13

2-Methylphenol

Concen: 21.078 ng/ul

RT: 8.463 min Scan# 89

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

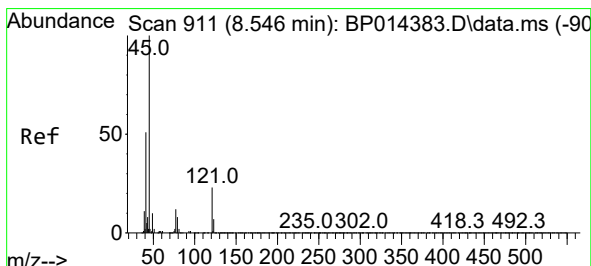
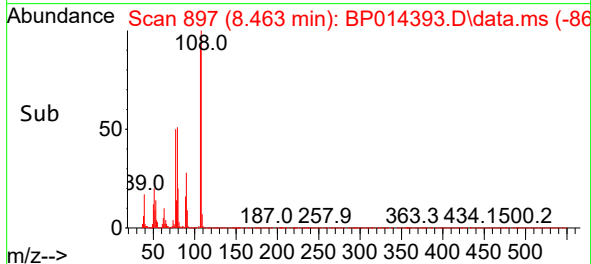
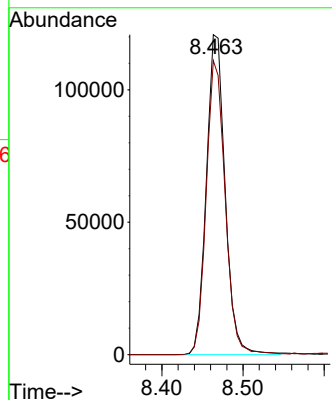
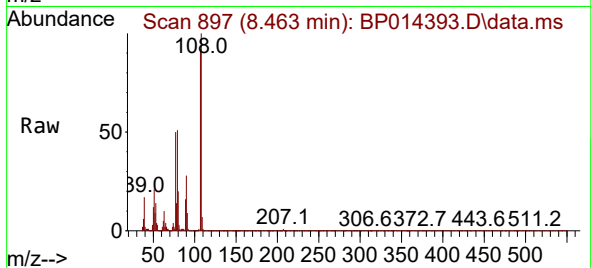
SSTD020798

Tgt Ion:108 Resp: 193968

Ion Ratio Lower Upper

108 100

107 91.9 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.937 ng/ul

RT: 8.552 min Scan# 912

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

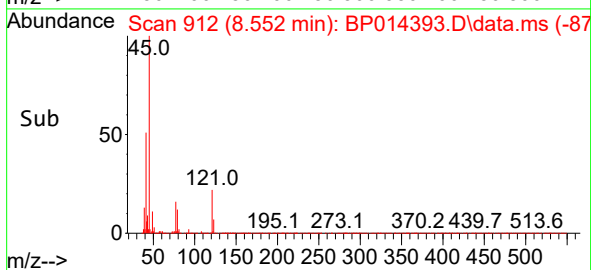
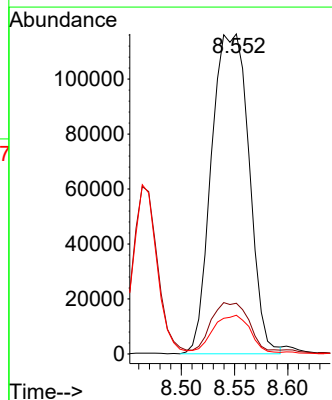
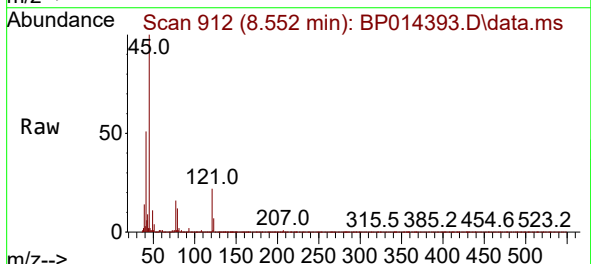
Tgt Ion: 45 Resp: 285615

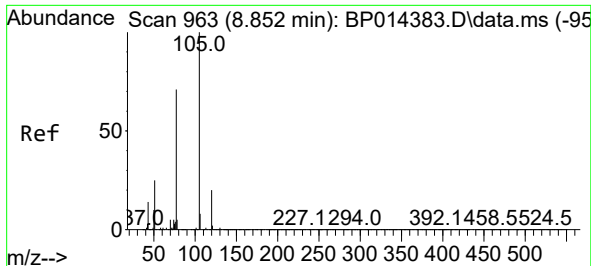
Ion Ratio Lower Upper

45 100

77 15.9 12.8 19.2

79 12.1 9.6 14.4

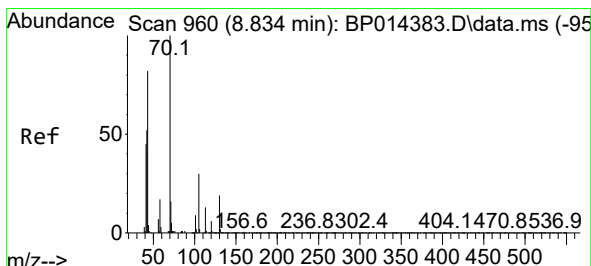
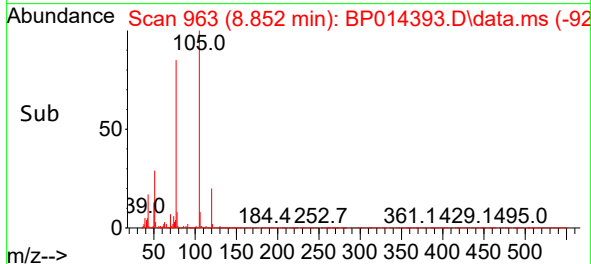
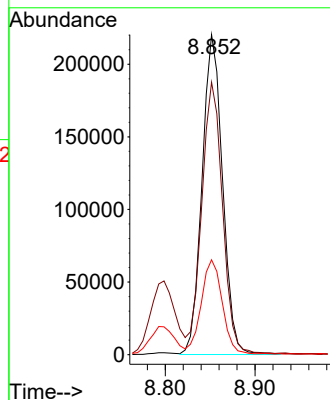
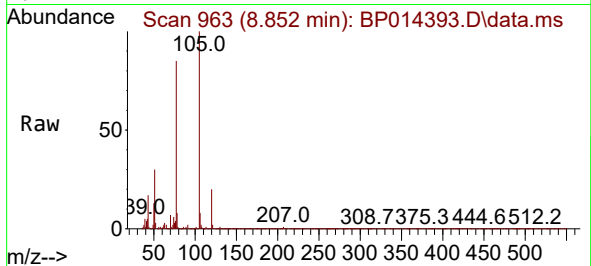




#16
Acetophenone
Concen: 22.063 ng/ul
RT: 8.852 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP014393.D
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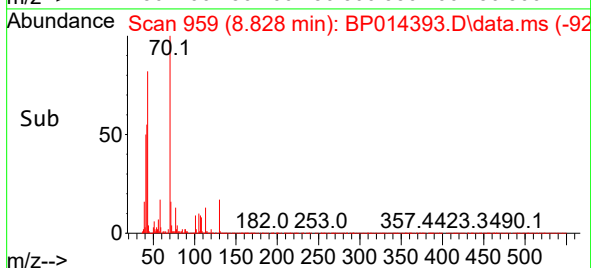
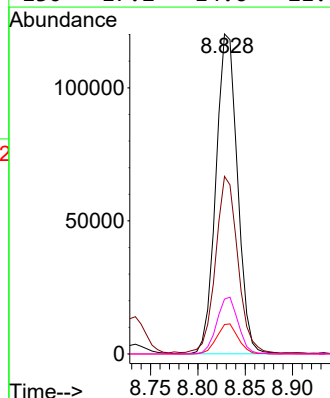
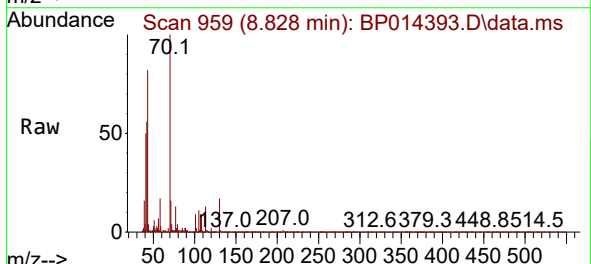
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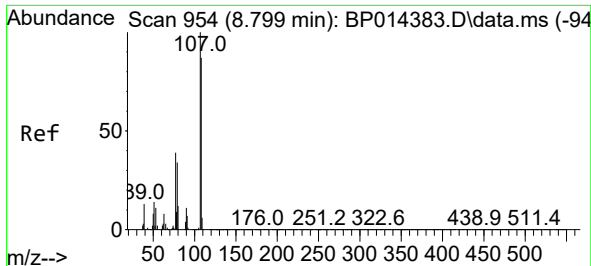
Tgt Ion:105 Resp: 349560
Ion Ratio Lower Upper
105 100
77 85.1 67.3 100.9
51 29.6 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 22.302 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion: 70 Resp: 190896
Ion Ratio Lower Upper
70 100
42 55.5 41.1 61.7
101 9.2 7.0 10.6
130 17.2 14.6 21.8

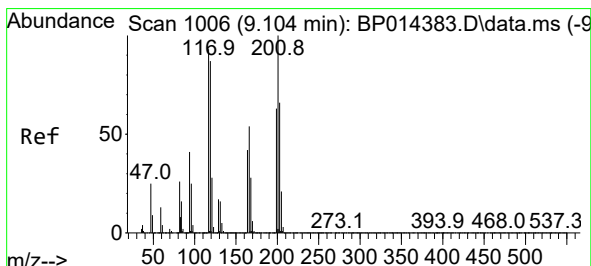
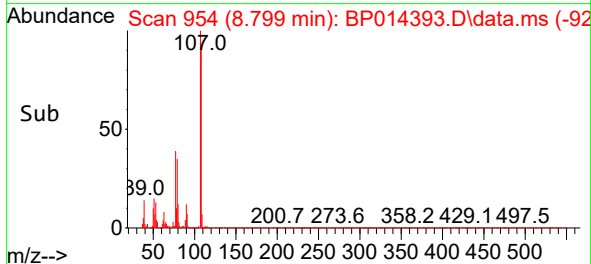
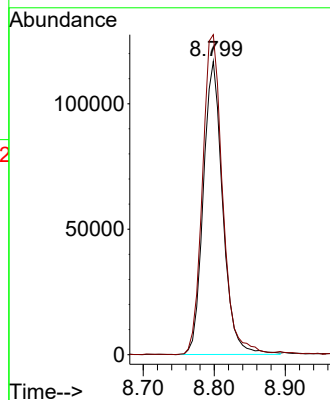
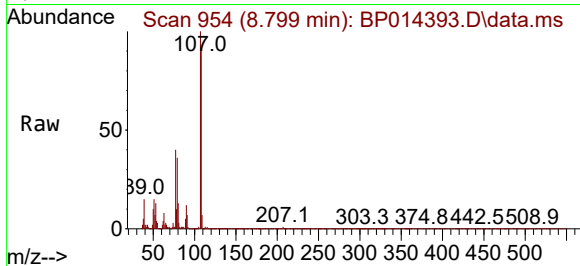




#18
4-Methylphenol
Concen: 21.990 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

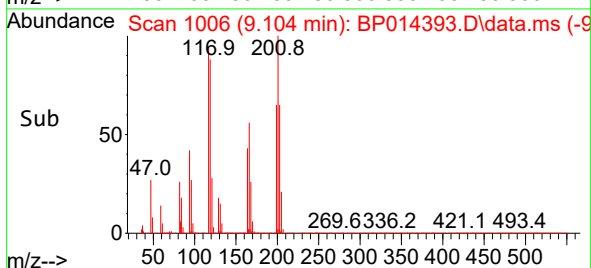
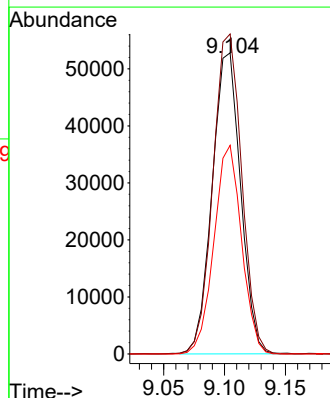
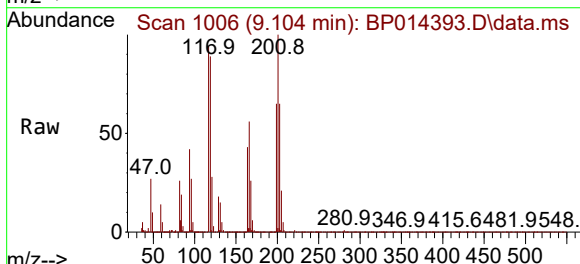
Instrument :
BNA_P
ClientSampleId :
SSTD020798

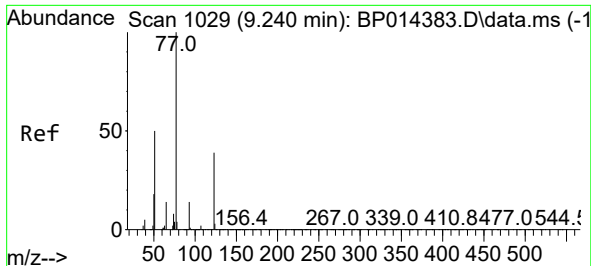
Tgt Ion:108 Resp: 222242
Ion Ratio Lower Upper
108 100
107 109.1 89.0 133.6



#19
Hexachloroethane
Concen: 21.965 ng/ul
RT: 9.104 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:117 Resp: 85880
Ion Ratio Lower Upper
117 100
201 106.3 90.2 135.4
199 69.3 54.2 81.2

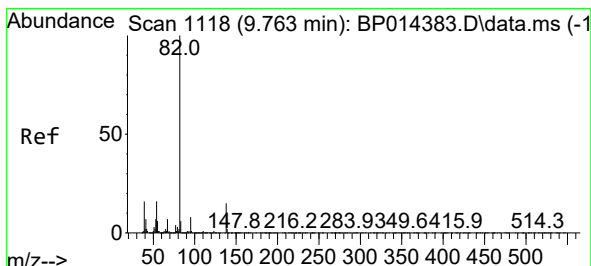
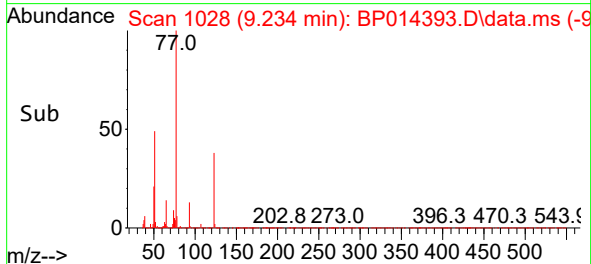
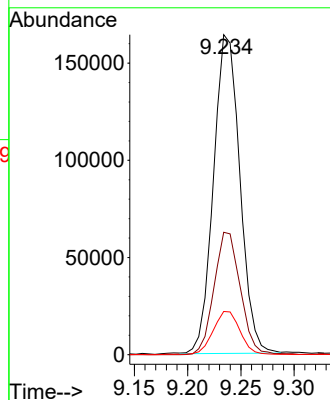
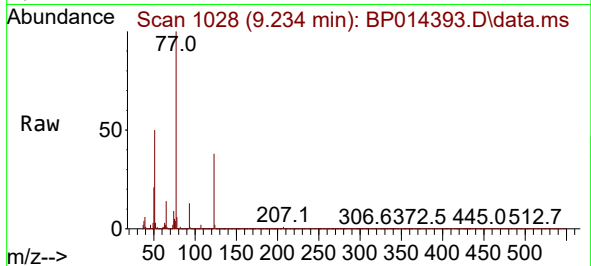




#22
Nitrobenzene
Concen: 20.760 ng/ul
RT: 9.234 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

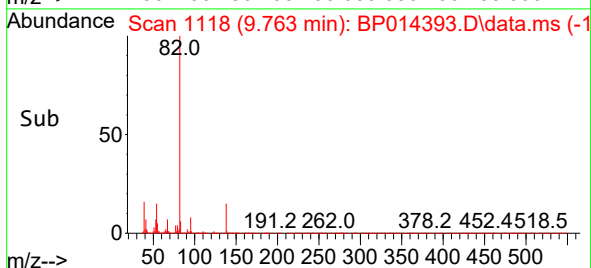
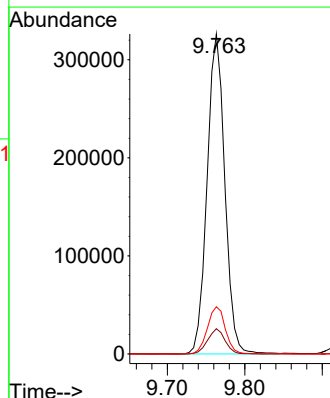
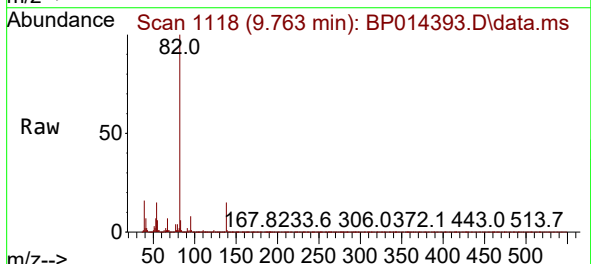
Instrument :
BNA_P
ClientSampleId :
SSTD020798

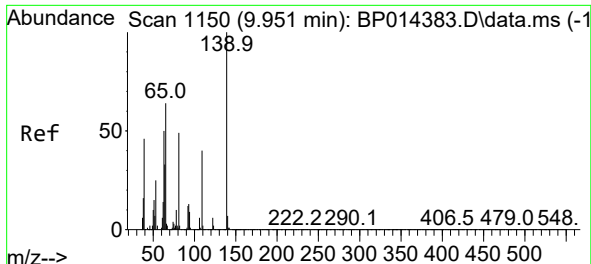
Tgt Ion: 77 Resp: 282604
Ion Ratio Lower Upper
77 100
123 38.2 30.3 45.5
65 13.5 11.0 16.4



#23
Isophorone
Concen: 20.602 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion: 82 Resp: 516951
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 14.8 12.2 18.2

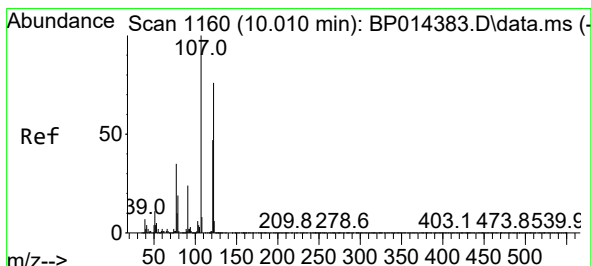
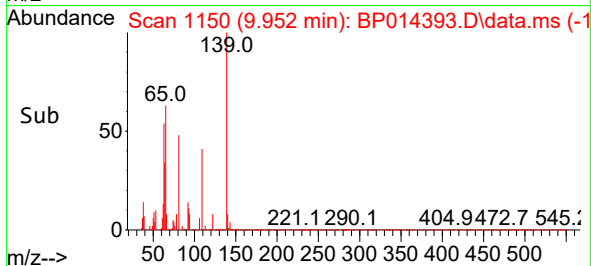
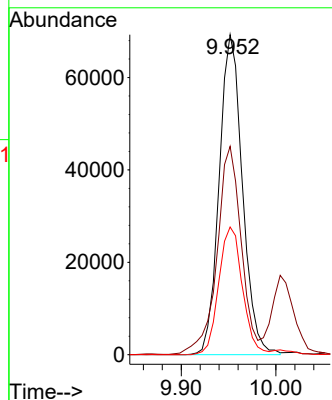
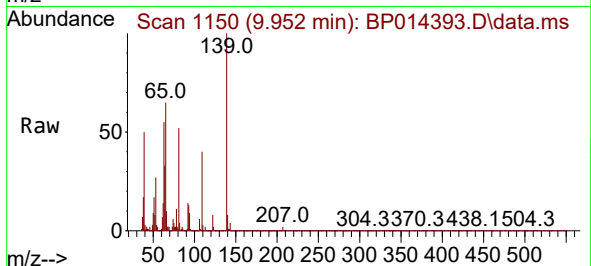




#25
2-Nitrophenol
Concen: 20.654 ng/ul
RT: 9.952 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

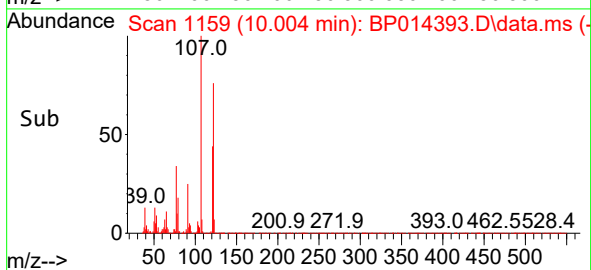
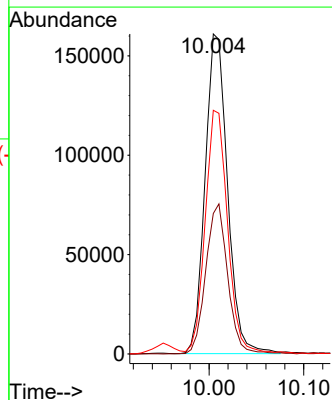
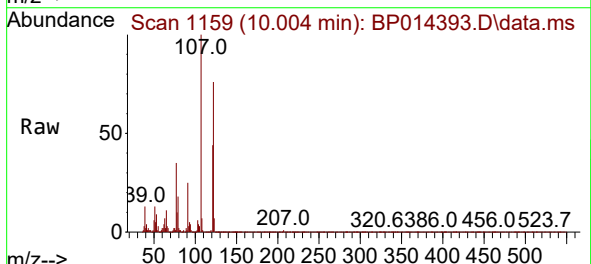
Instrument :
BNA_P
ClientSampleId :
SSTD020798

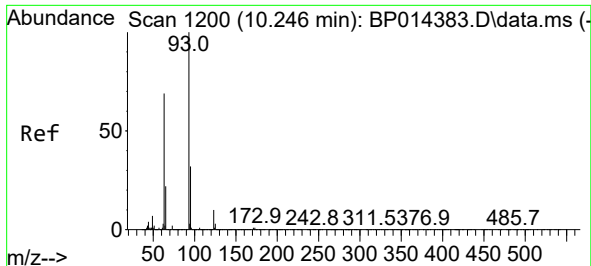
Tgt Ion:139 Resp: 118288
Ion Ratio Lower Upper
139 100
65 65.1 49.7 74.5
109 39.9 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 20.616 ng/ul
RT: 10.004 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:107 Resp: 264272
Ion Ratio Lower Upper
107 100
121 43.9 37.0 55.6
122 76.1 59.8 89.6

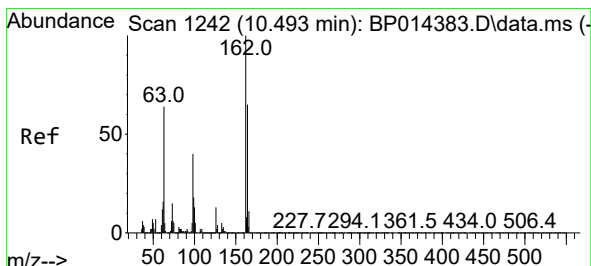
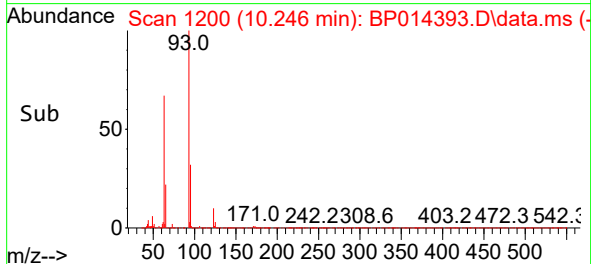
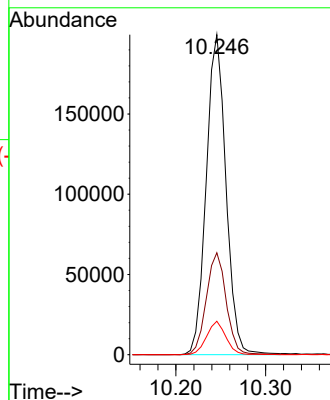
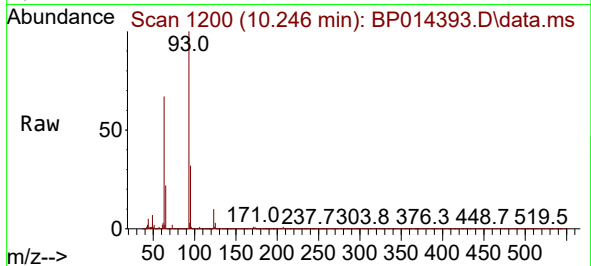




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.221 ng/ul
 RT: 10.246 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: BP014393.D
 Acq: 30 Mar 2023 10:05

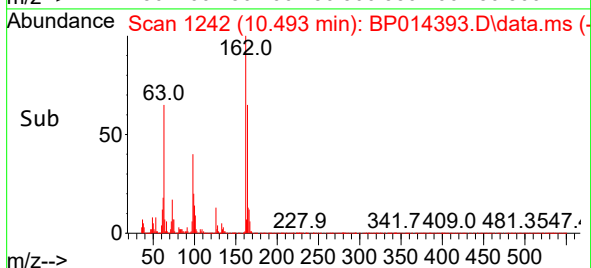
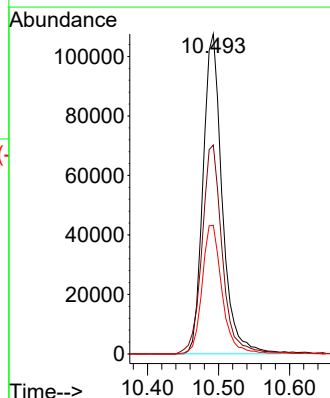
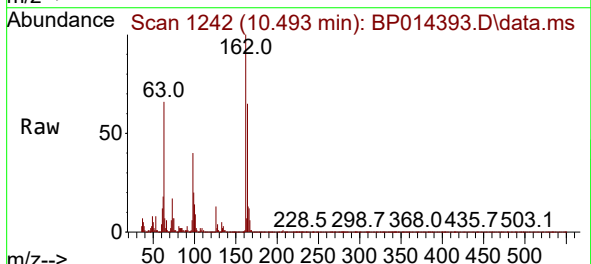
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020798

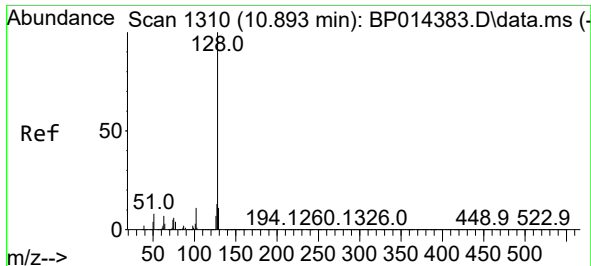
Tgt Ion: 93 Resp: 304211
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.8 38.8
 123 10.4 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 20.778 ng/ul
 RT: 10.493 min Scan# 1242
 Delta R.T. 0.000 min
 Lab File: BP014393.D
 Acq: 30 Mar 2023 10:05

Tgt Ion: 162 Resp: 202061
 Ion Ratio Lower Upper
 162 100
 164 65.3 50.1 75.1
 98 40.2 30.6 45.8

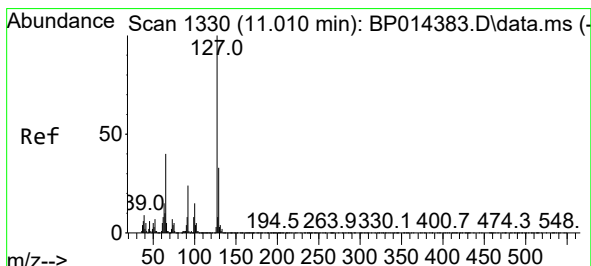
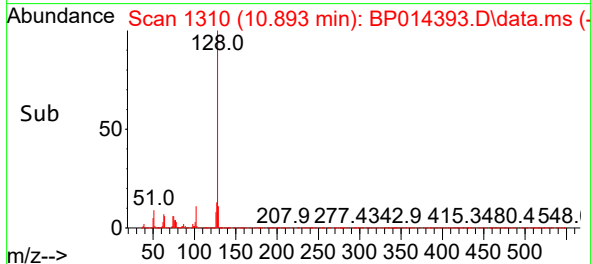
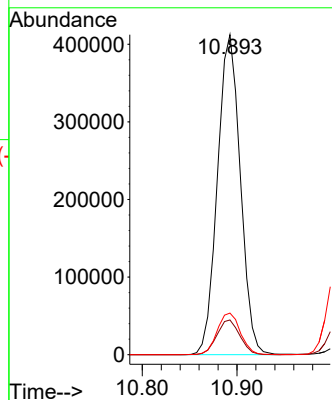
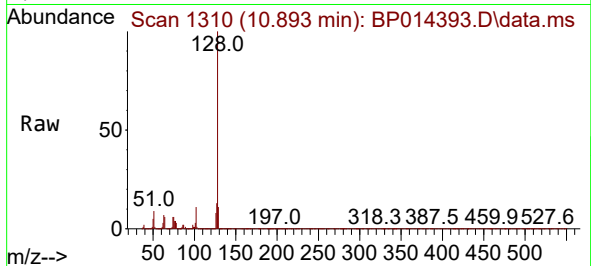




#30
Naphthalene
Concen: 21.190 ng/ul
RT: 10.893 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

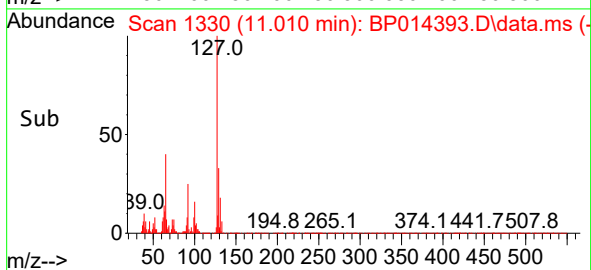
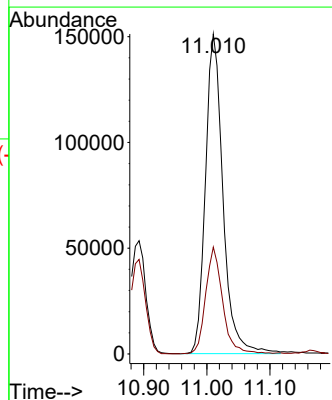
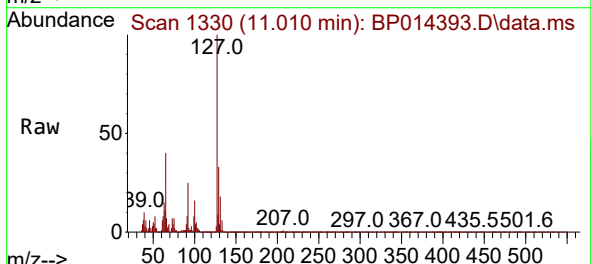
Instrument :
BNA_P
ClientSampleId :
SSTD020798

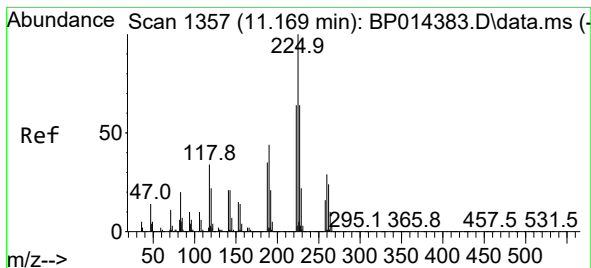
Tgt Ion:128 Resp: 692815
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 11.0 16.6



#32
4-Chloroaniline
Concen: 22.104 ng/ul
RT: 11.010 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:127 Resp: 291403
Ion Ratio Lower Upper
127 100
129 33.4 25.4 38.0





#33

Hexachlorobutadiene

Concen: 20.328 ng/ul

RT: 11.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

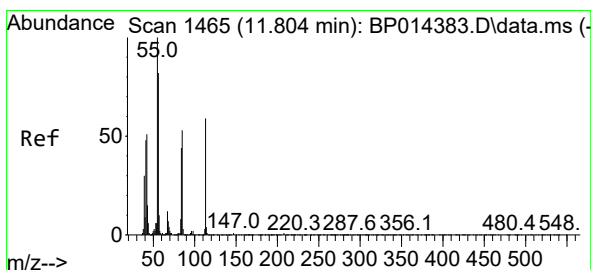
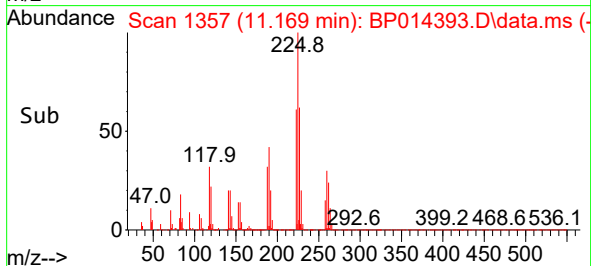
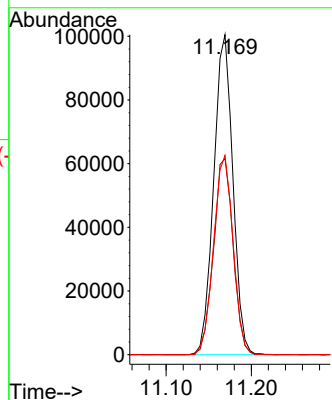
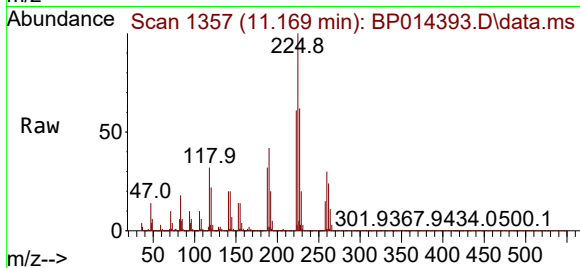
Tgt Ion:225 Resp: 156612

Ion Ratio Lower Upper

225 100

223 61.3 49.3 73.9

227 62.3 49.6 74.4



#34

Caprolactam

Concen: 22.742 ng/ul

RT: 11.798 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

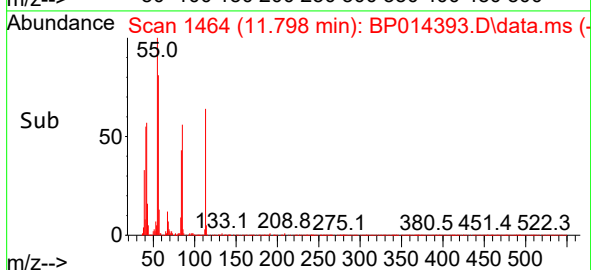
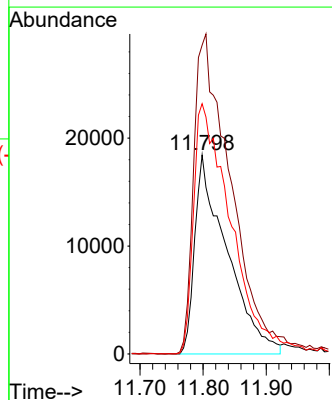
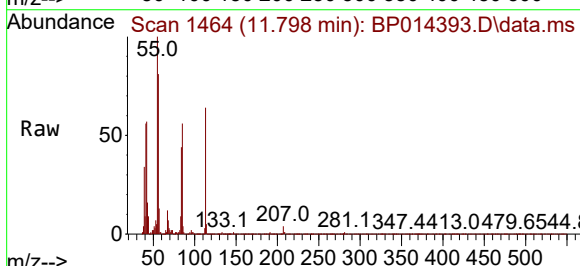
Tgt Ion:113 Resp: 65335

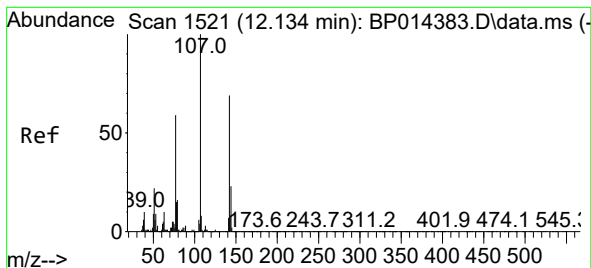
Ion Ratio Lower Upper

113 100

55 155.2 131.2 196.8

56 125.7 101.1 151.7

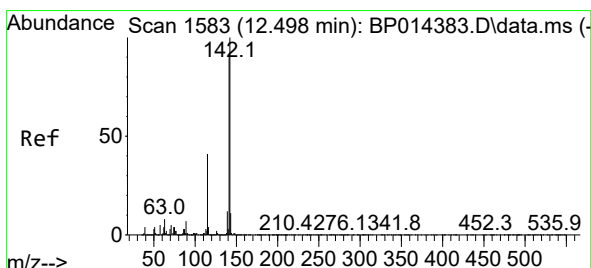
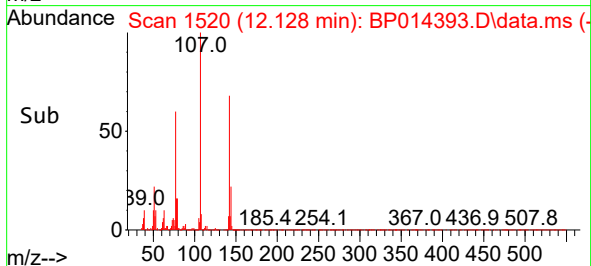
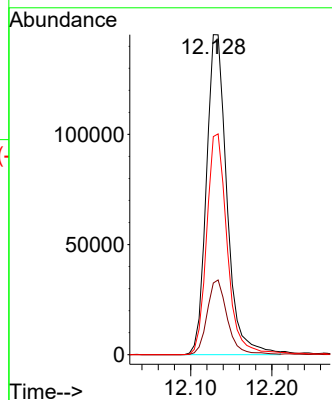
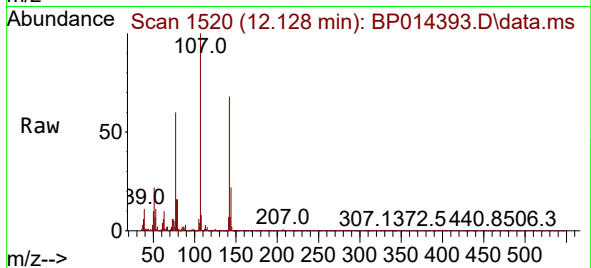




#35
4-Chloro-3-methylphenol
Concen: 21.294 ng/ul
RT: 12.128 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

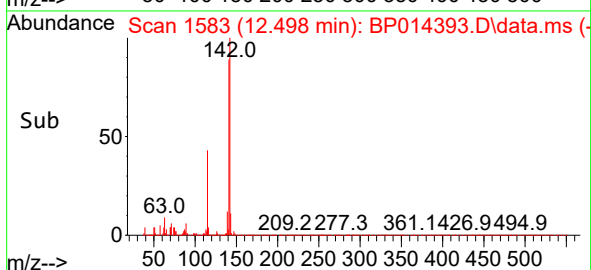
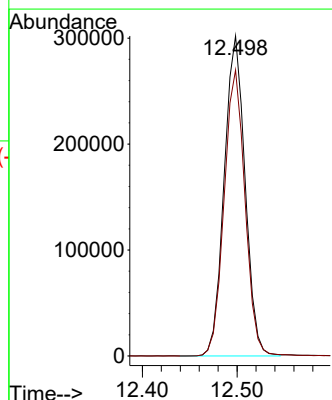
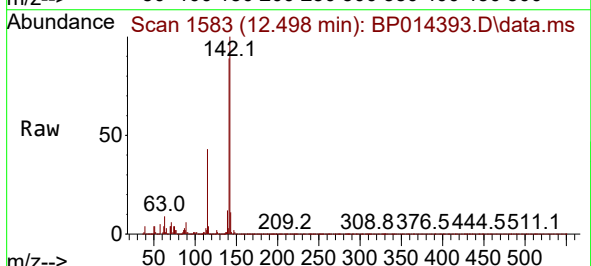
Instrument :
BNA_P
ClientSampleId :
SSTD020798

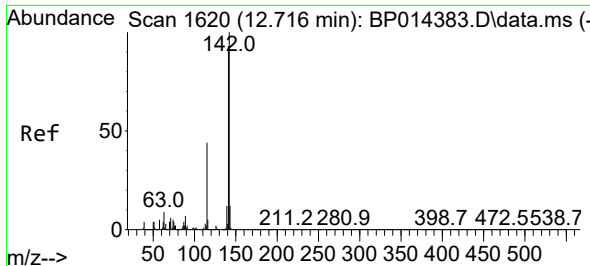
Tgt Ion:107 Resp: 254699
Ion Ratio Lower Upper
107 100
144 22.4 17.3 25.9
142 68.2 54.6 81.8



#36
2-Methylnaphthalene
Concen: 20.861 ng/ul
RT: 12.498 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:142 Resp: 462228
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4





#37

1-Methylnaphthalene

Concen: 21.093 ng/ul

RT: 12.716 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

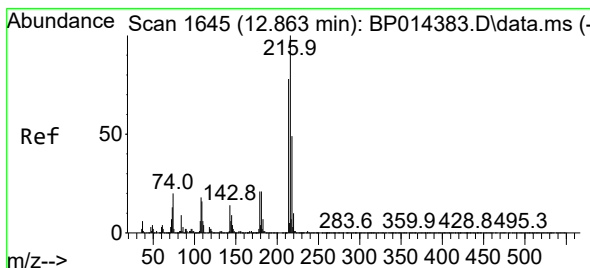
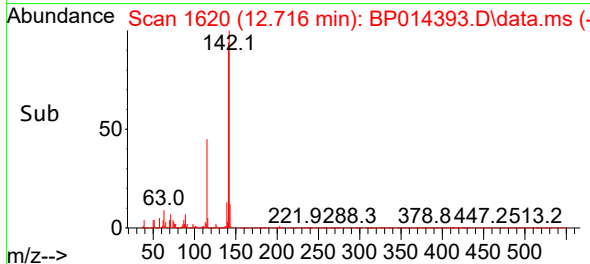
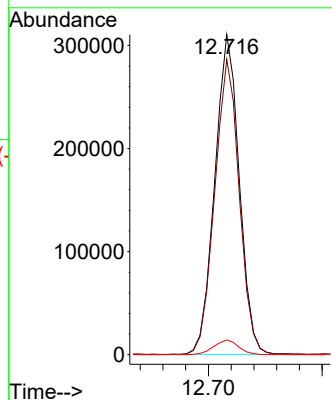
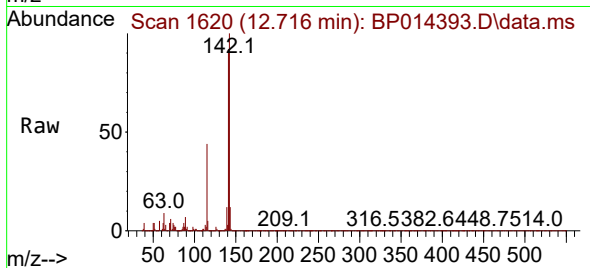
Tgt Ion:142 Resp: 463503

Ion Ratio Lower Upper

142 100

141 92.2 76.6 114.8

116 4.6 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.961 ng/ul

RT: 12.863 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Tgt Ion:216 Resp: 281670

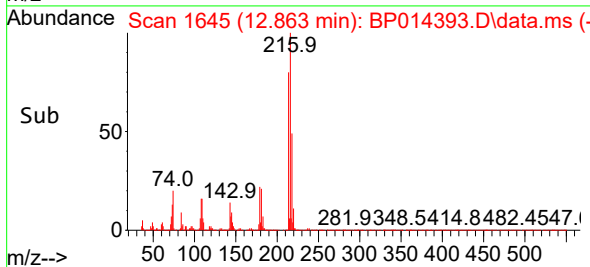
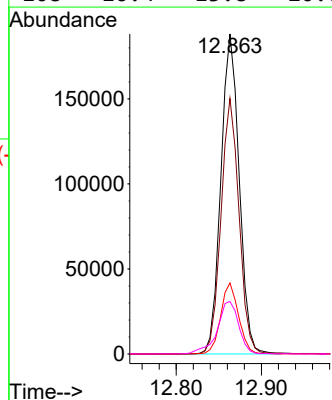
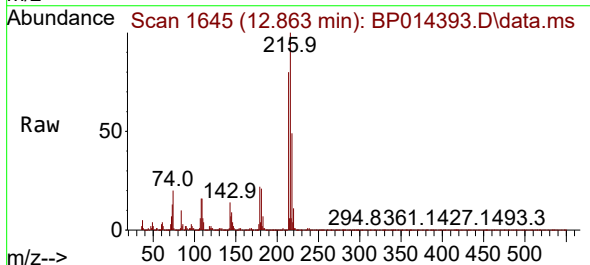
Ion Ratio Lower Upper

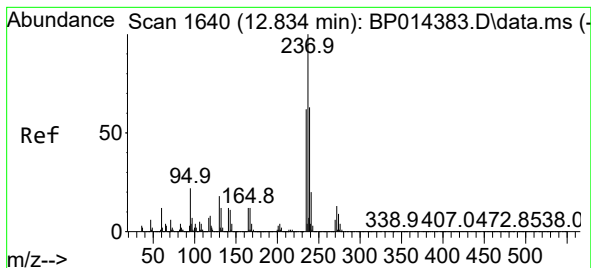
216 100

214 79.8 61.0 91.6

179 22.2 16.6 24.8

108 16.4 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 17.182 ng/ul

RT: 12.834 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

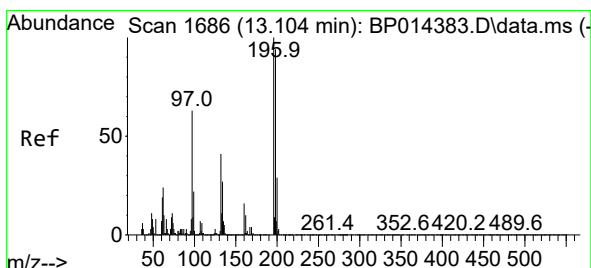
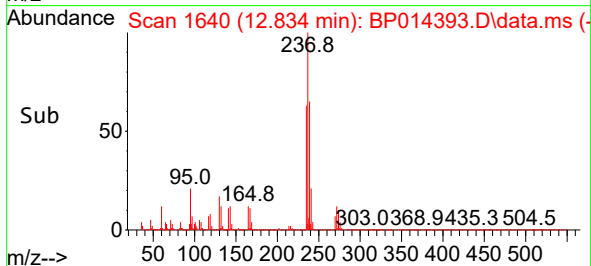
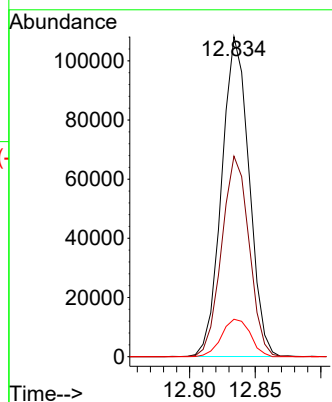
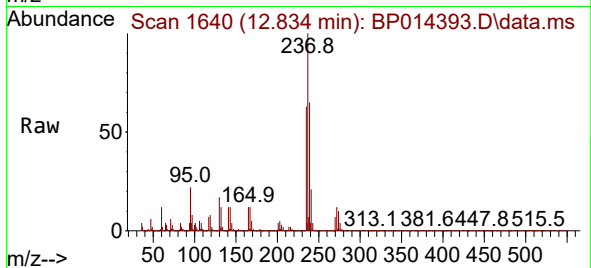
Tgt Ion:237 Resp: 157012

Ion Ratio Lower Upper

237 100

235 62.6 51.0 76.4

272 11.7 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 20.465 ng/ul

RT: 13.104 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

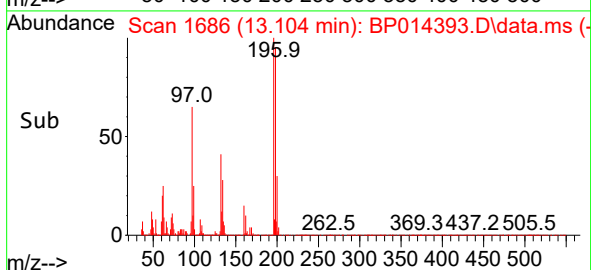
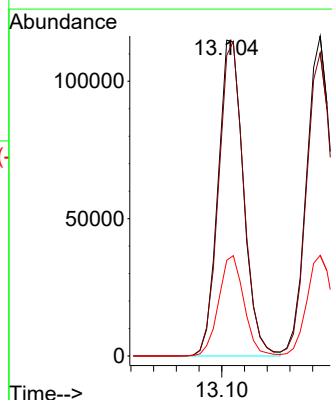
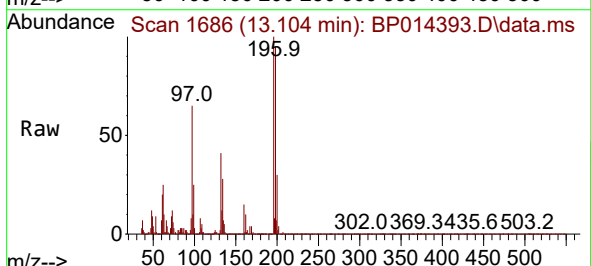
Tgt Ion:196 Resp: 178705

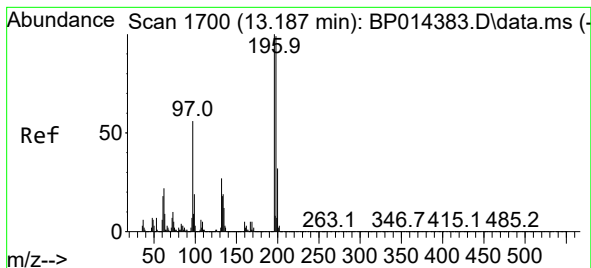
Ion Ratio Lower Upper

196 100

198 95.2 76.6 114.8

200 30.3 25.4 38.2





#42

2,4,5-Trichlorophenol

Concen: 20.847 ng/ul

RT: 13.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

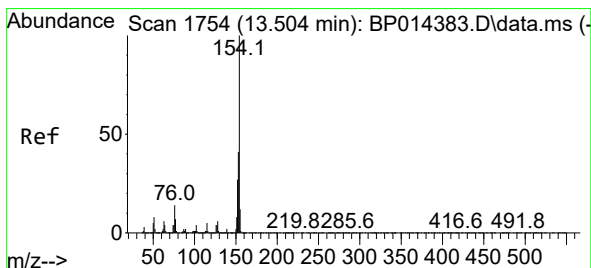
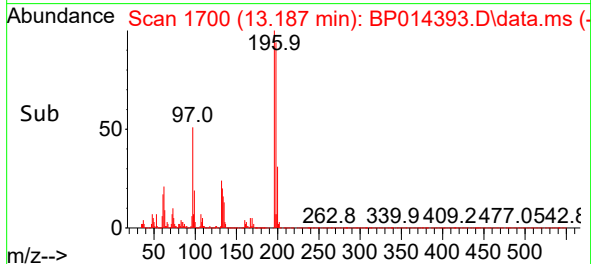
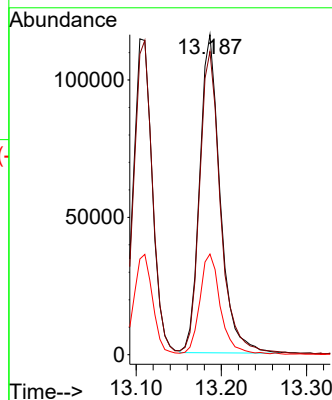
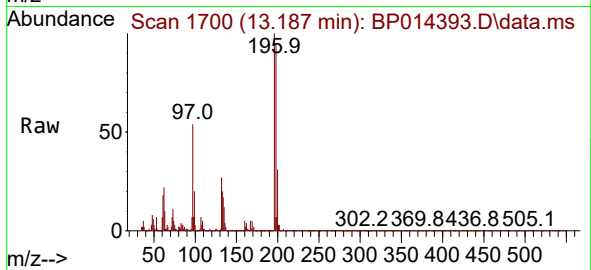
Tgt Ion:196 Resp: 193795

Ion Ratio Lower Upper

196 100

198 94.8 79.8 119.8

200 31.4 25.6 38.4



#43

1,1'-Biphenyl

Concen: 20.243 ng/ul

RT: 13.504 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

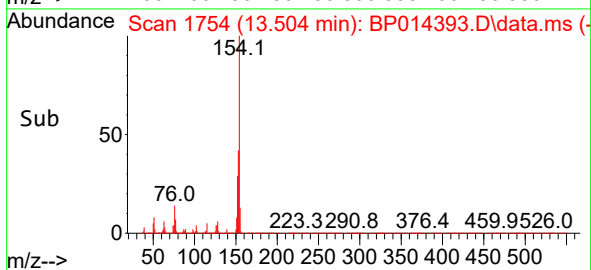
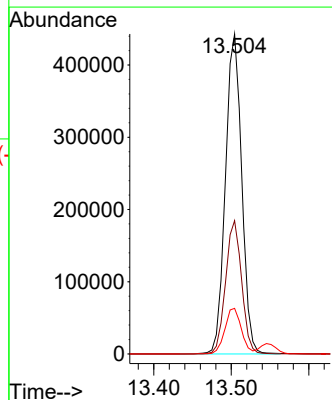
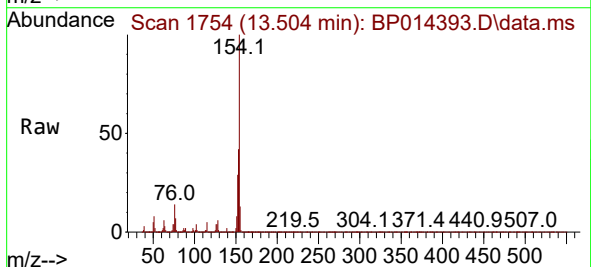
Tgt Ion:154 Resp: 647285

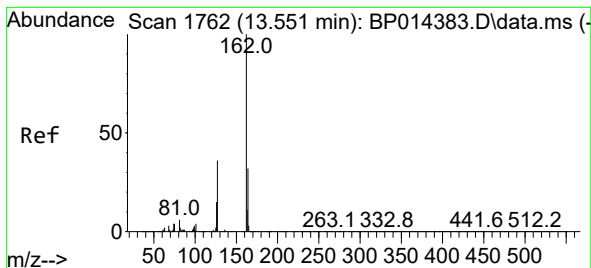
Ion Ratio Lower Upper

154 100

153 41.6 32.4 48.6

76 14.3 10.7 16.1





#44

2-Chloronaphthalene

Concen: 20.252 ng/ul

RT: 13.545 min Scan# 1761

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

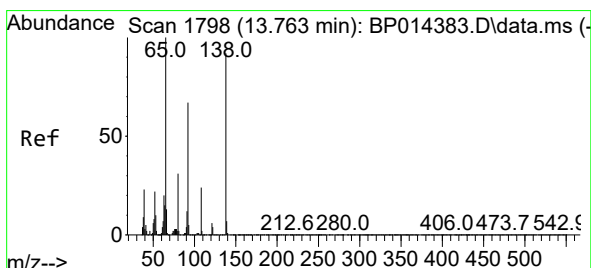
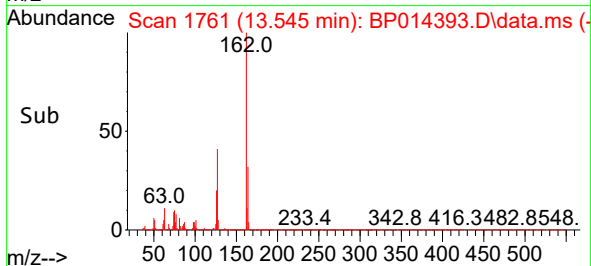
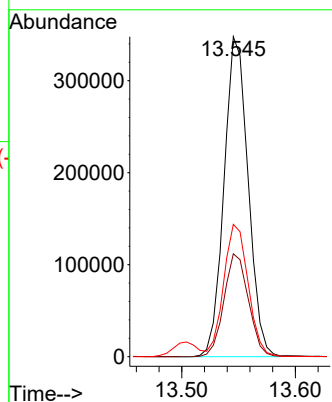
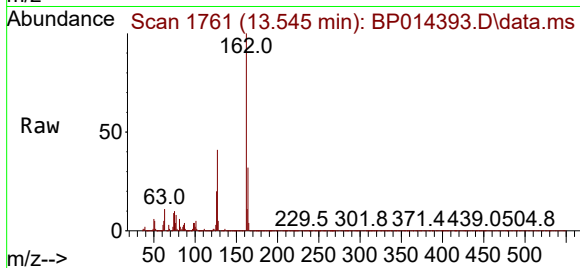
Tgt Ion:162 Resp: 512028

Ion Ratio Lower Upper

162 100

164 32.2 26.1 39.1

127 41.4 33.7 50.5



#45

2-Nitroaniline

Concen: 22.056 ng/ul

RT: 13.763 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

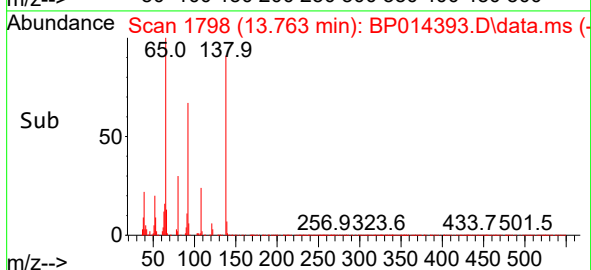
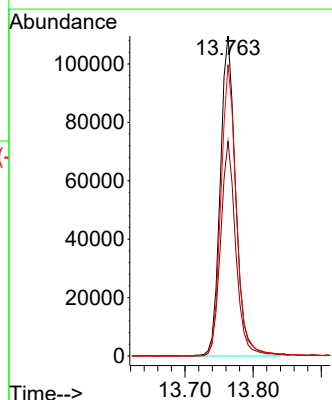
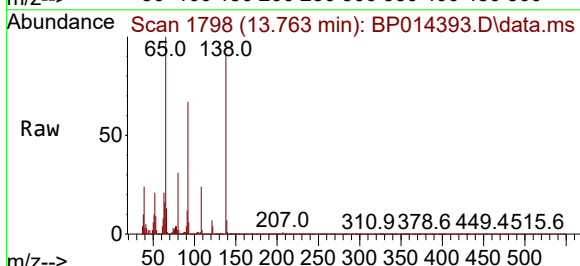
Tgt Ion: 65 Resp: 172691

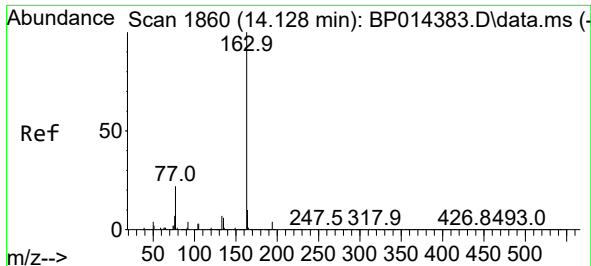
Ion Ratio Lower Upper

65 100

92 67.0 53.7 80.5

138 91.1 71.7 107.5





#47

Dimethylphthalate

Concen: 21.116 ng/ul

RT: 14.122 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

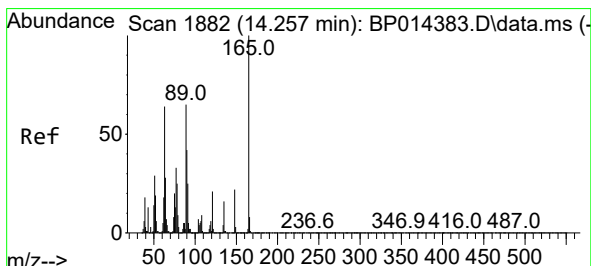
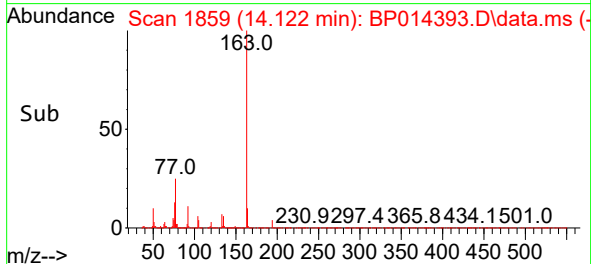
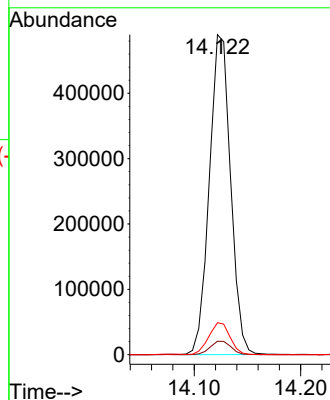
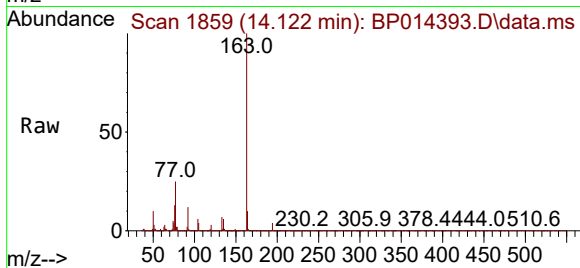
Tgt Ion:163 Resp: 677528

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 21.583 ng/ul

RT: 14.251 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

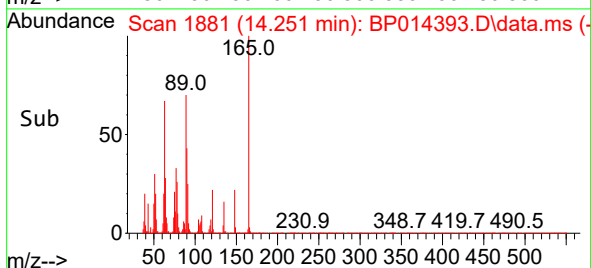
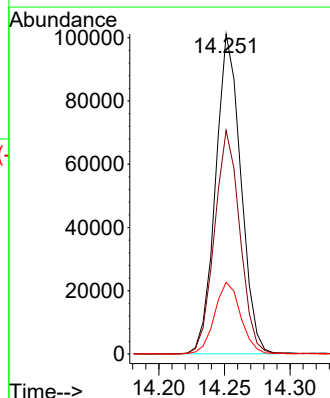
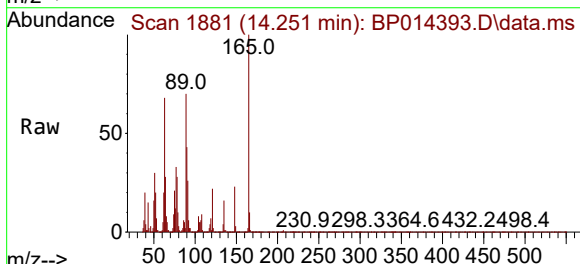
Tgt Ion:165 Resp: 135303

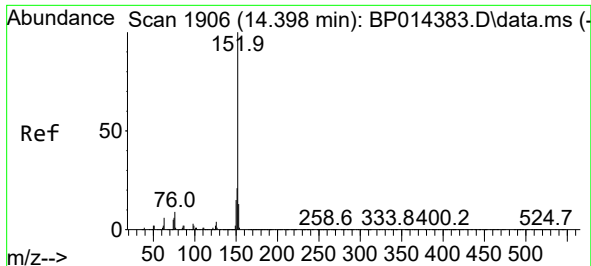
Ion Ratio Lower Upper

165 100

89 69.9 52.7 79.1

121 22.4 17.9 26.9

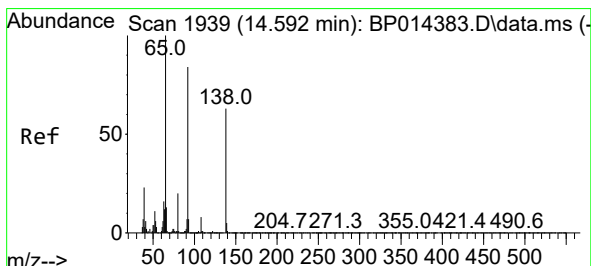
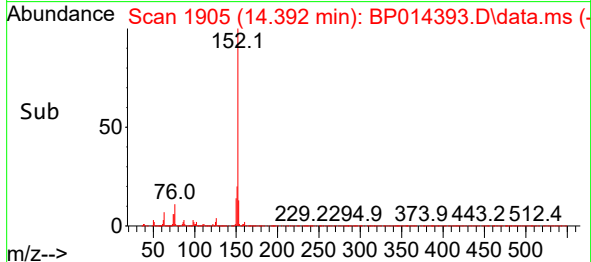
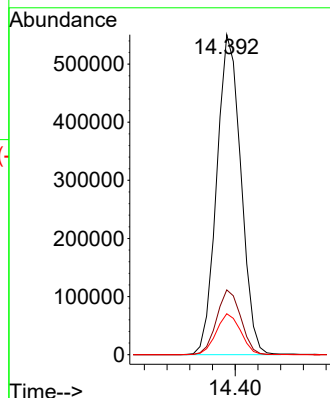
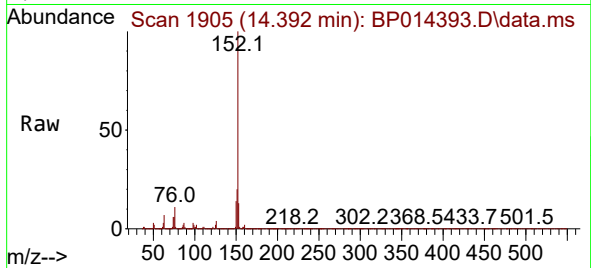




#50
Acenaphthylene
Concen: 21.517 ng/ul
RT: 14.392 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

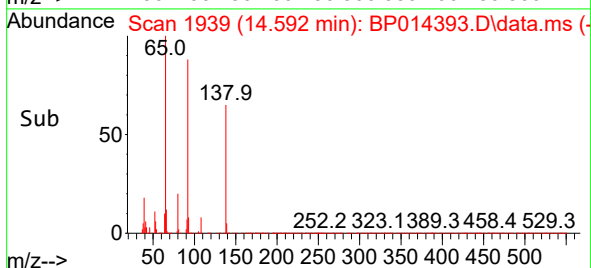
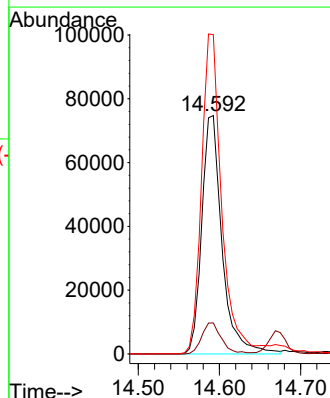
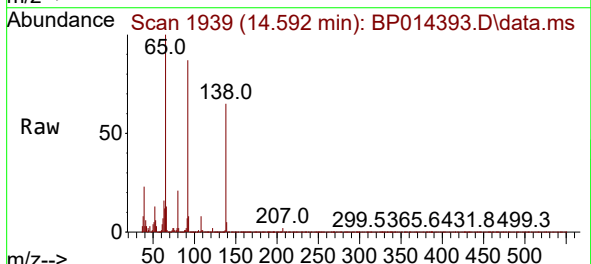
Instrument :
BNA_P
ClientSampleId :
SSTD020798

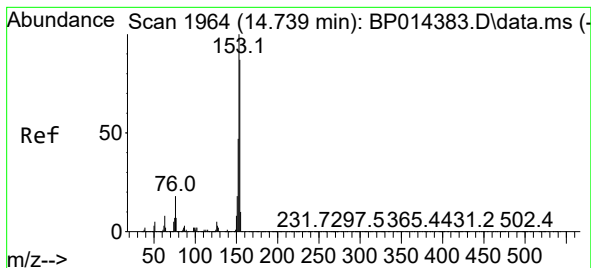
Tgt Ion:152 Resp: 815994
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.8 10.2 15.4



#51
3-Nitroaniline
Concen: 23.053 ng/ul
RT: 14.592 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:138 Resp: 129468
Ion Ratio Lower Upper
138 100
108 13.0 9.9 14.9
92 134.0 107.6 161.4





#52

Acenaphthene

Concen: 20.975 ng/ul

RT: 14.734 min Scan# 1964

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

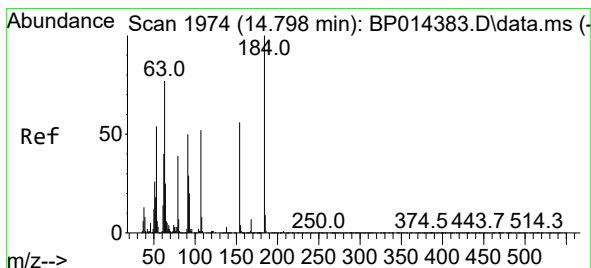
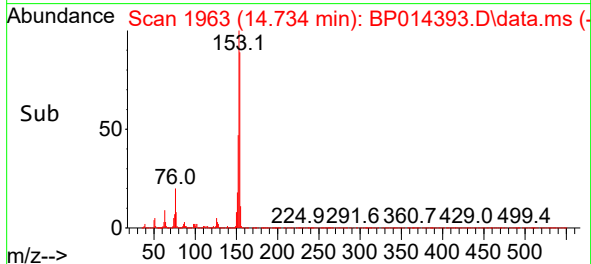
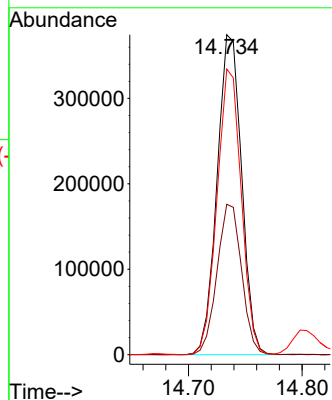
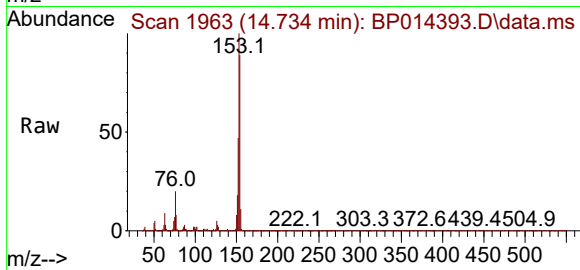
Tgt Ion:153 Resp: 562098

Ion Ratio Lower Upper

153 100

152 47.0 38.2 57.4

154 89.2 70.2 105.2



#53

2,4-Dinitrophenol

Concen: 17.772 ng/ul

RT: 14.798 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

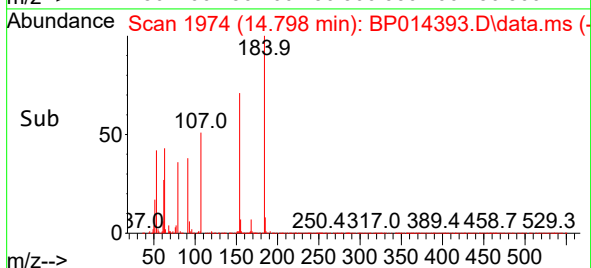
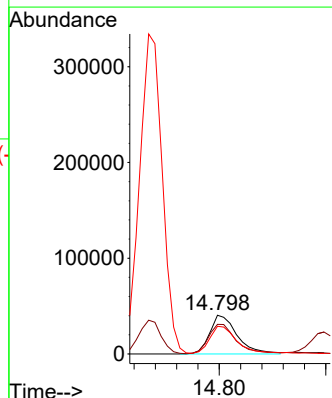
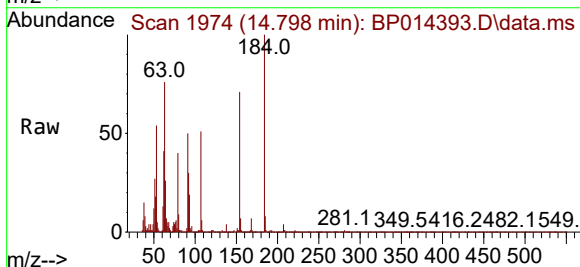
Tgt Ion:184 Resp: 72145

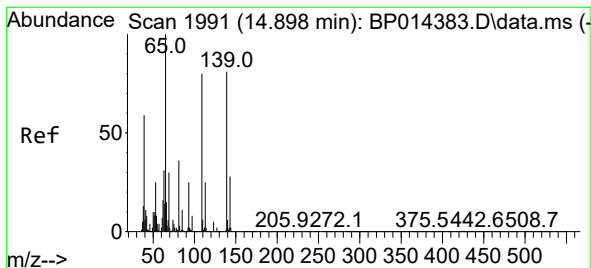
Ion Ratio Lower Upper

184 100

63 76.3 57.1 85.7

154 71.5 55.3 82.9

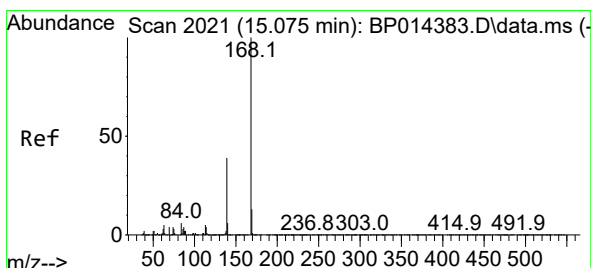
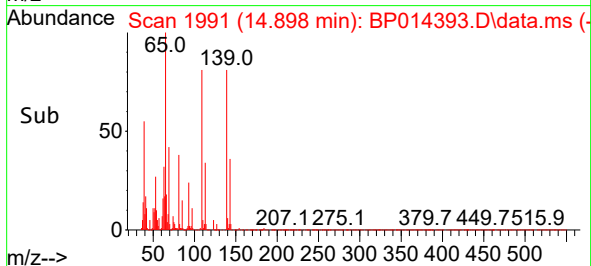
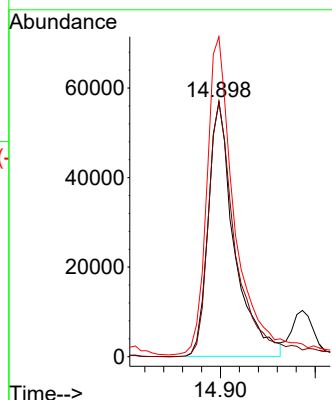
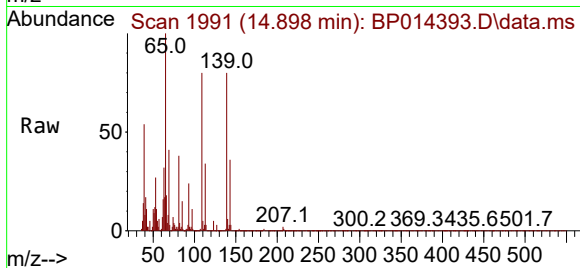




#55
4-Nitrophenol
Concen: 22.818 ng/ul
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

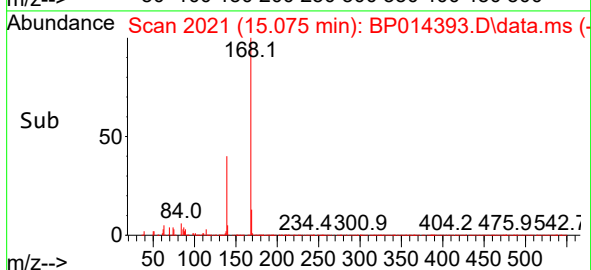
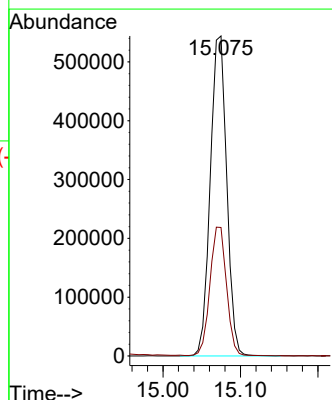
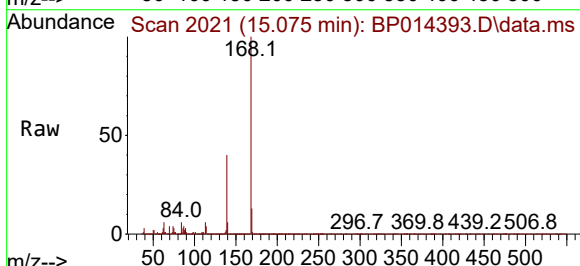
Instrument :
BNA_P
ClientSampleId :
SSTD020798

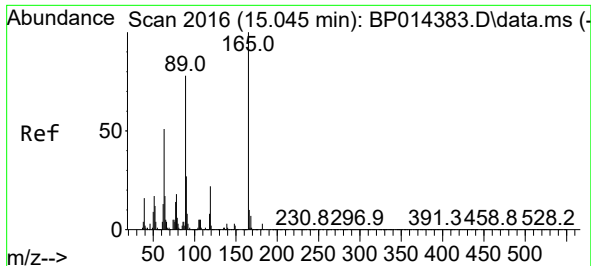
Tgt Ion:109 Resp: 109176
Ion Ratio Lower Upper
109 100
139 100.0 77.4 116.2
65 125.5 97.3 145.9



#56
Dibenzofuran
Concen: 21.281 ng/ul
RT: 15.075 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:168 Resp: 801709
Ion Ratio Lower Upper
168 100
139 40.2 32.1 48.1

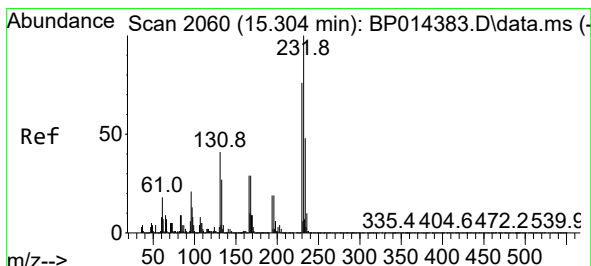
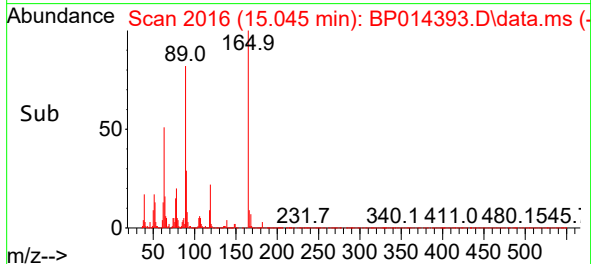
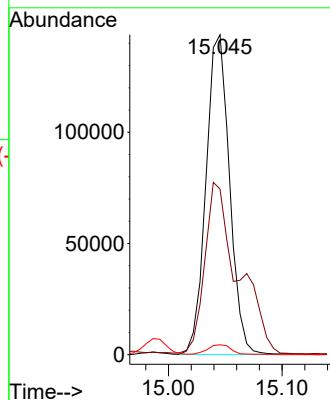
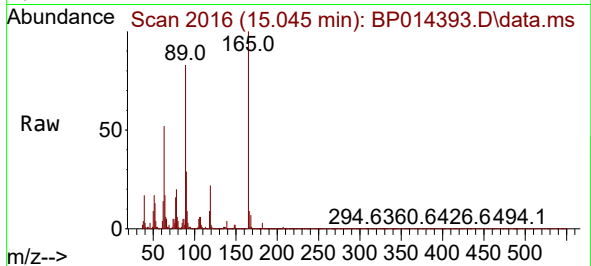




#57
2,4-Dinitrotoluene
Concen: 23.302 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

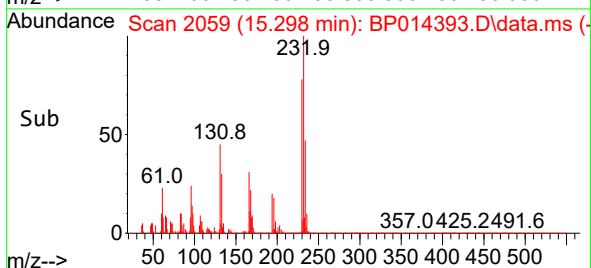
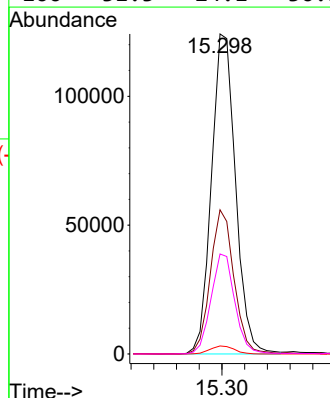
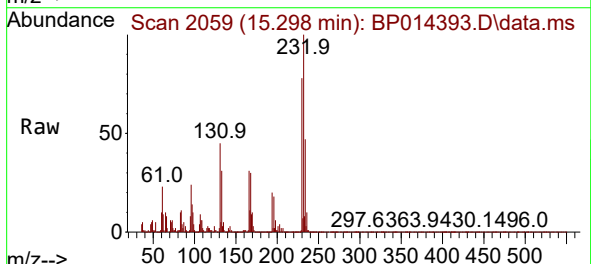
Instrument :
BNA_P
ClientSampleId :
SSTD020798

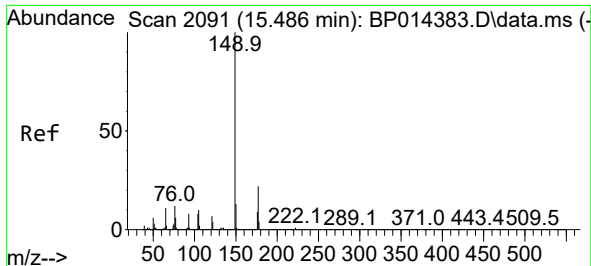
Tgt Ion:165 Resp: 207206
Ion Ratio Lower Upper
165 100
63 51.8 41.6 62.4
182 3.1 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.916 ng/ul
RT: 15.298 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:232 Resp: 183112
Ion Ratio Lower Upper
232 100
131 45.0 35.0 52.4
130 2.5 1.9 2.9
166 31.3 24.1 36.1

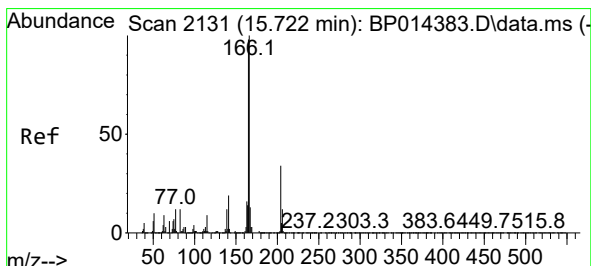
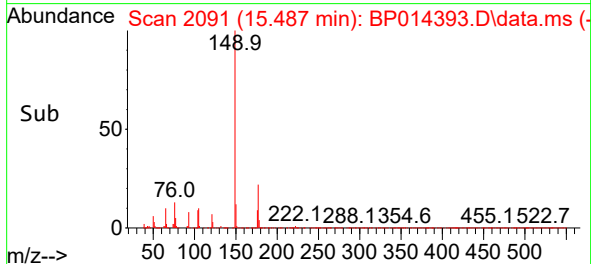
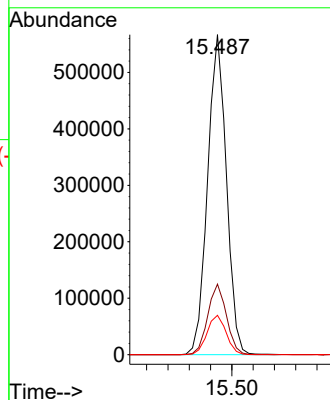
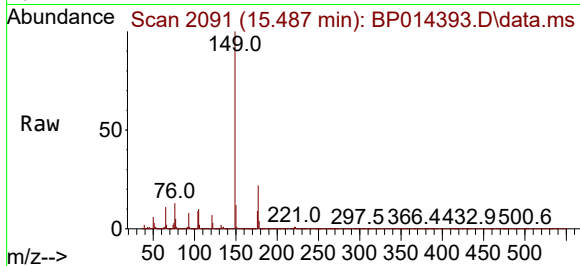




#59
Diethylphthalate
Concen: 21.782 ng/ul
RT: 15.487 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

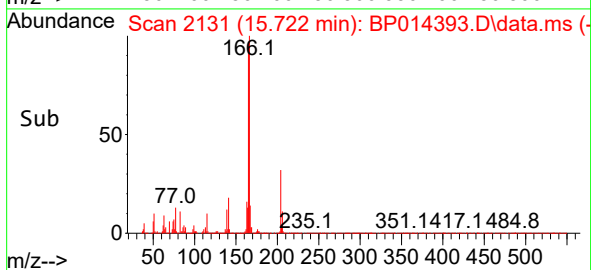
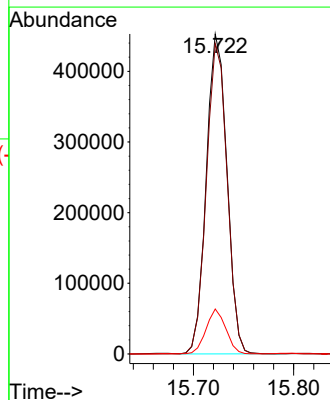
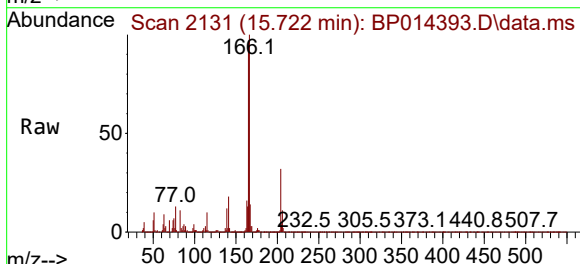
Instrument :
BNA_P
ClientSampleId :
SSTD020798

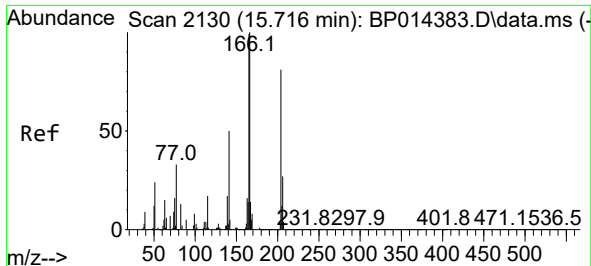
Tgt Ion:149 Resp: 694538
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.3 9.8 14.8



#61
Fluorene
Concen: 21.288 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:166 Resp: 650025
Ion Ratio Lower Upper
166 100
165 97.0 79.2 118.8
167 14.1 11.0 16.4

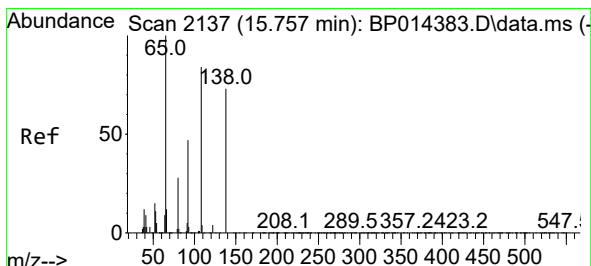
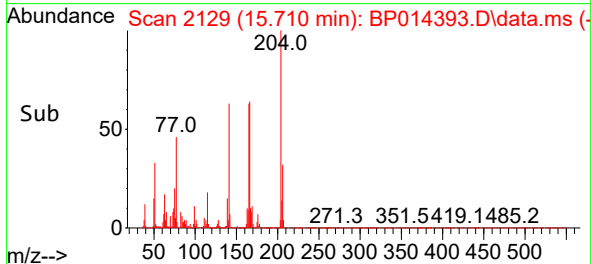
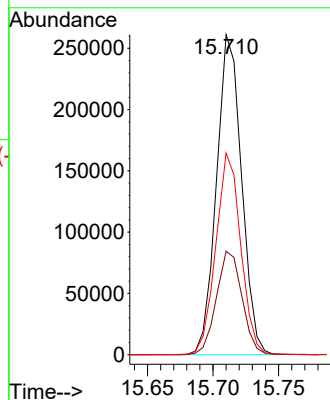
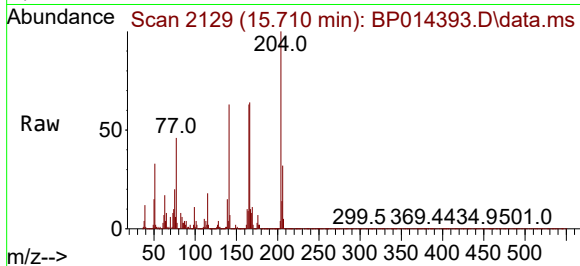




#62
4-Chlorophenyl-phenylether
Concen: 21.127 ng/ul
RT: 15.710 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

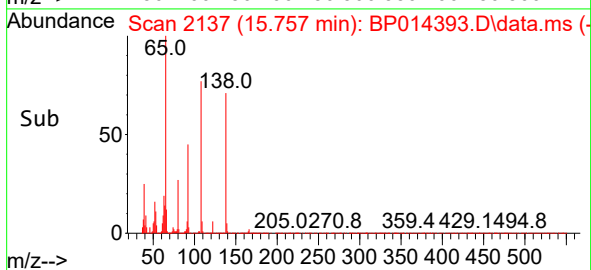
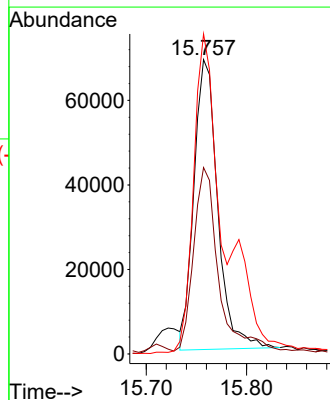
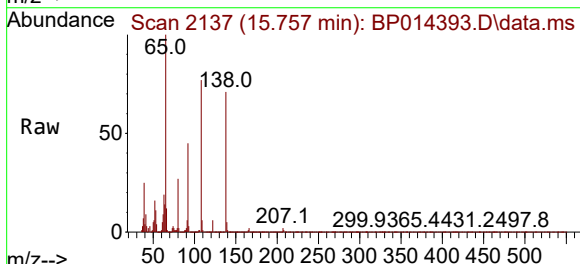
Instrument :
BNA_P
ClientSampleId :
SSTD020798

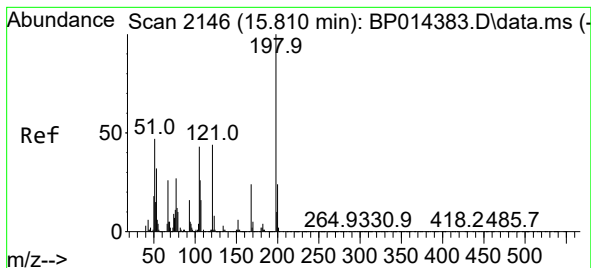
Tgt Ion:204 Resp: 346584
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 63.0 51.3 76.9



#63
4-Nitroaniline
Concen: 24.765 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:138 Resp: 113006
Ion Ratio Lower Upper
138 100
92 63.4 47.8 71.6
108 108.7 82.3 123.5

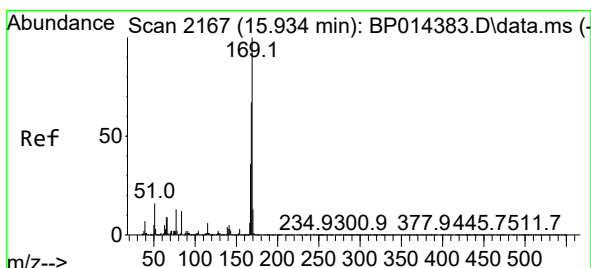
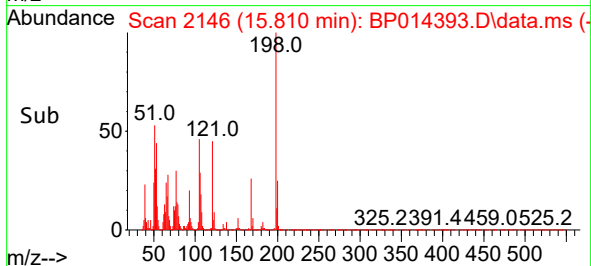
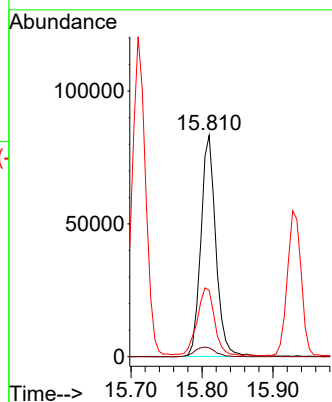
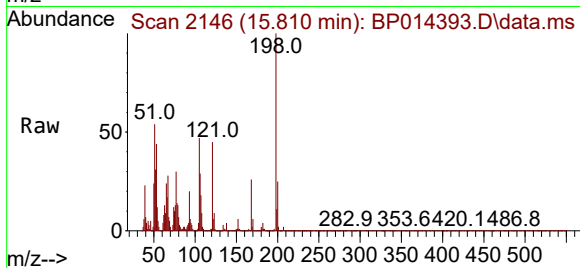




#66
4,6-Dinitro-2-methylphenol
Concen: 18.927 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

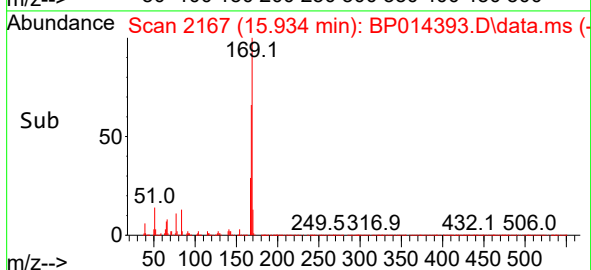
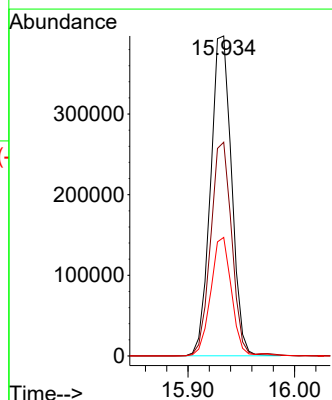
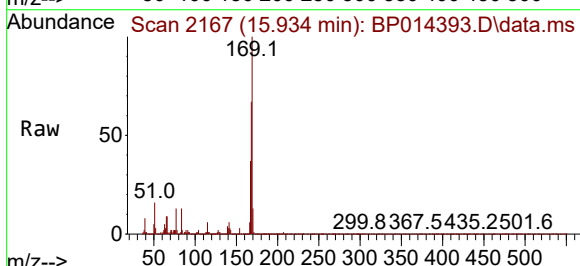
Instrument :
BNA_P
ClientSampleId :
SSTD020798

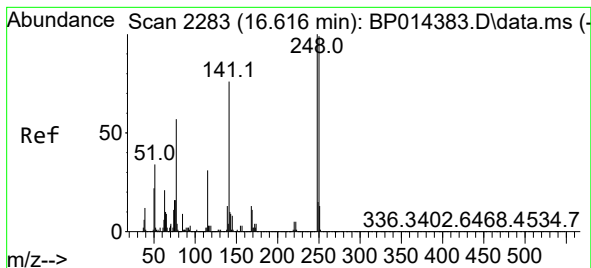
Tgt Ion:198 Resp: 122329
Ion Ratio Lower Upper
198 100
182 4.0 3.5 5.3
77 30.0 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 19.285 ng/ul
RT: 15.934 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:169 Resp: 543840
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 37.1 29.4 44.2

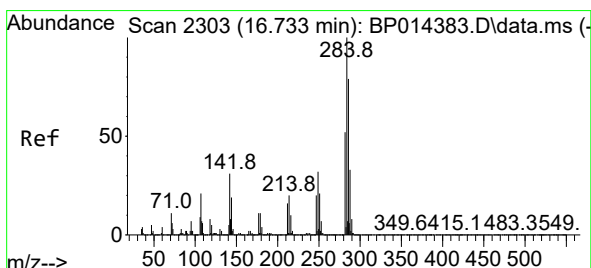
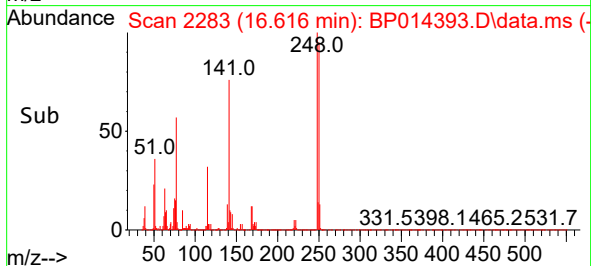
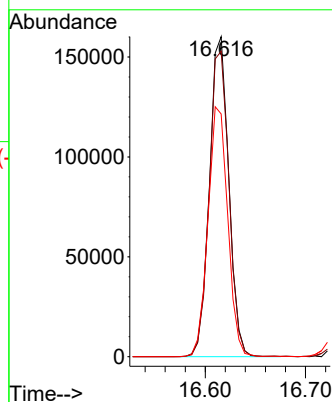
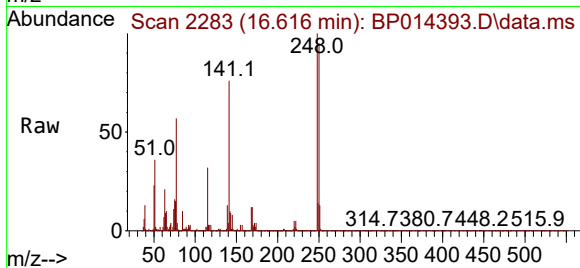




#68
4-Bromophenyl-phenylether
Concen: 19.061 ng/ul
RT: 16.616 min Scan# 214
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

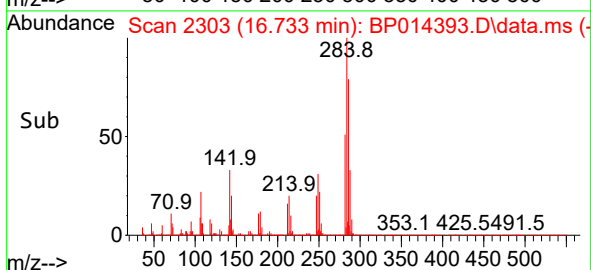
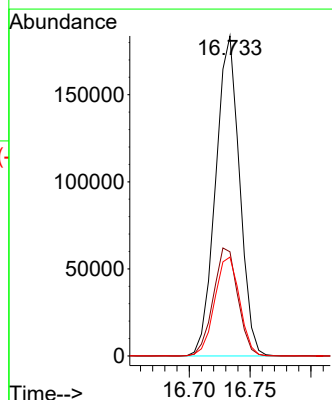
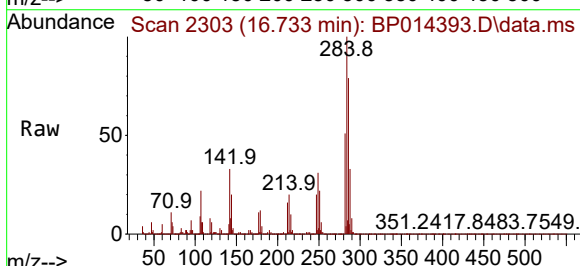
Instrument :
BNA_P
ClientSampleId :
SSTD020798

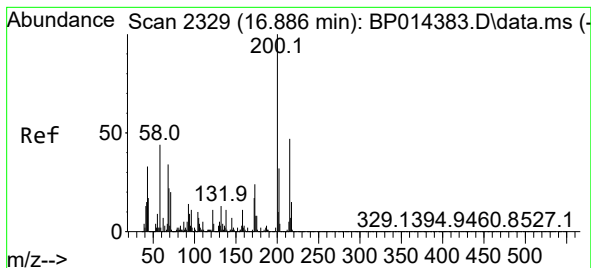
Tgt Ion:248 Resp: 214983
Ion Ratio Lower Upper
248 100
250 95.4 78.1 117.1
141 75.9 66.0 99.0



#69
Hexachlorobenzene
Concen: 19.396 ng/ul
RT: 16.733 min Scan# 2303
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:284 Resp: 251272
Ion Ratio Lower Upper
284 100
142 32.6 26.6 39.8
249 30.9 25.7 38.5





#70

Atrazine

Concen: 20.989 ng/ul

RT: 16.886 min Scan# 215469

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

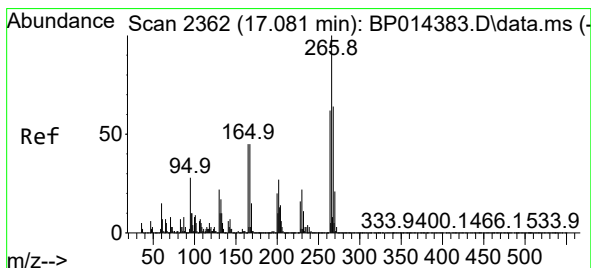
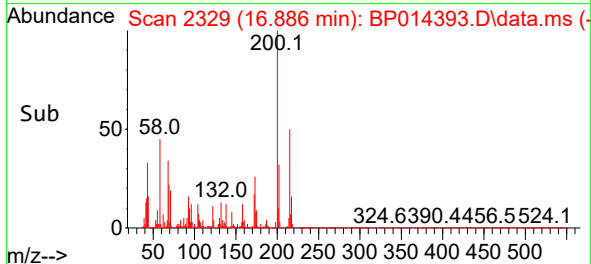
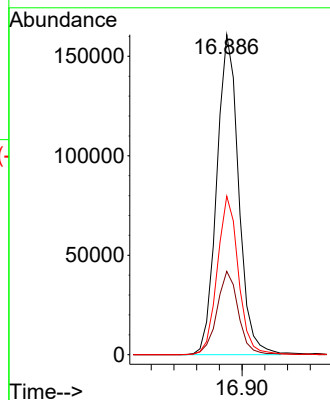
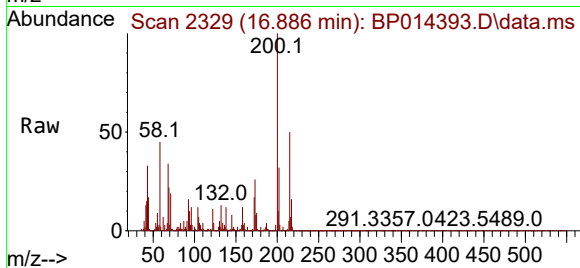
Tgt Ion:200 Resp: 215469

Ion Ratio Lower Upper

200 100

173 26.1 20.6 30.8

215 49.6 37.2 55.8



#71

Pentachlorophenol

Concen: 18.938 ng/ul

RT: 17.081 min Scan# 2362

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

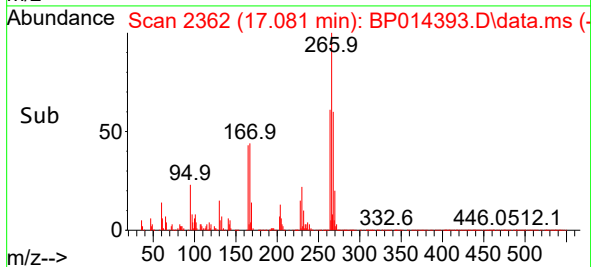
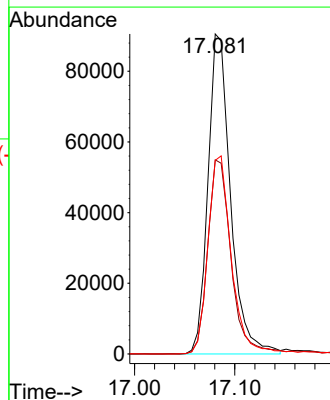
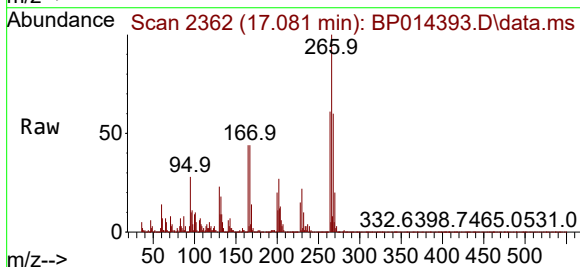
Tgt Ion:266 Resp: 142137

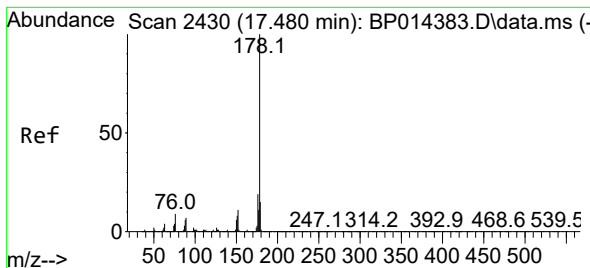
Ion Ratio Lower Upper

266 100

264 60.7 51.0 76.4

268 60.5 51.4 77.2





#72

Phenanthrene

Concen: 21.554 ng/ul

RT: 17.475 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

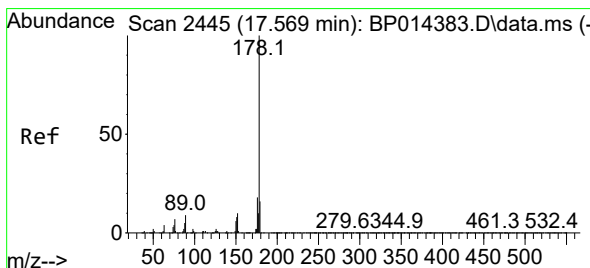
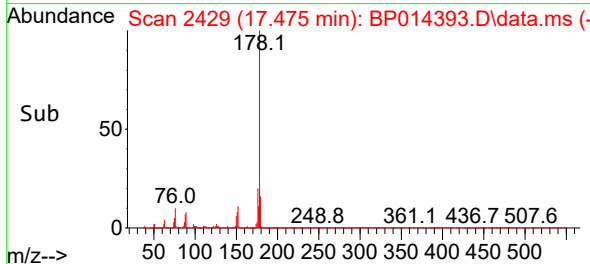
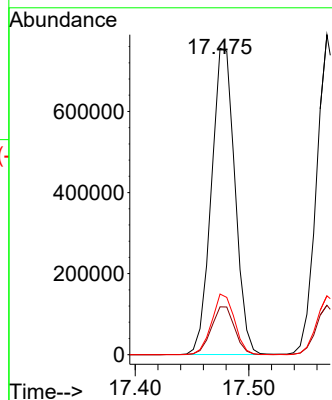
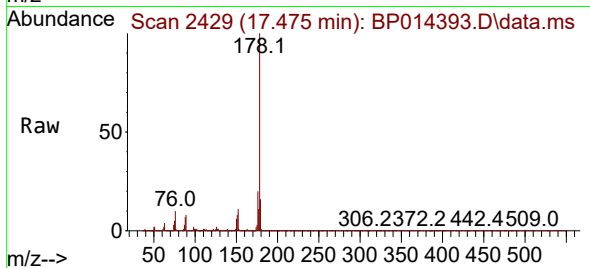
Tgt Ion:178 Resp: 1086838

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.8 15.3 22.9



#74

Anthracene

Concen: 21.453 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

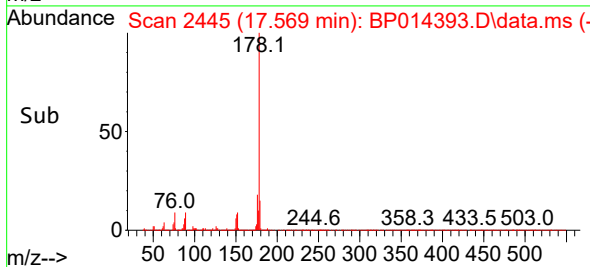
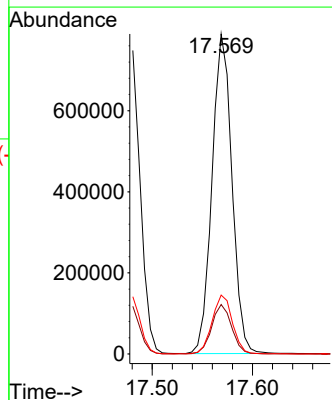
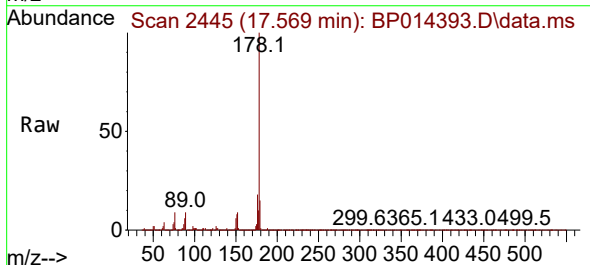
Tgt Ion:178 Resp: 1090288

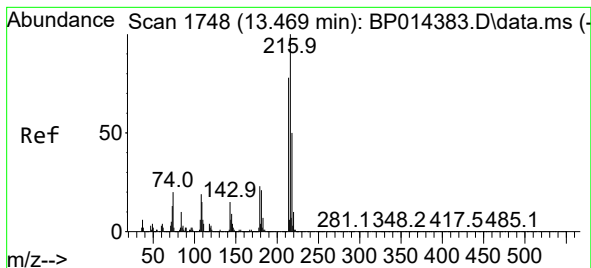
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.4 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.287 ng/uL

RT: 13.469 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

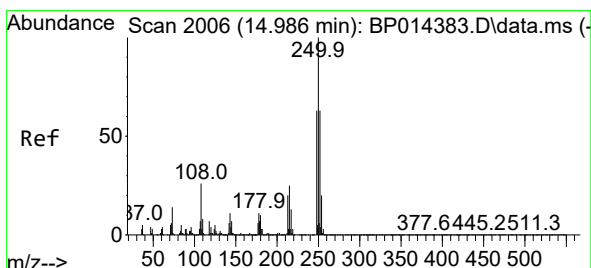
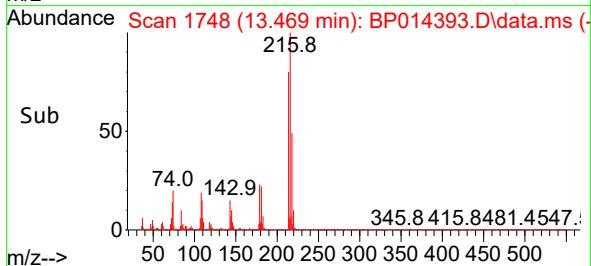
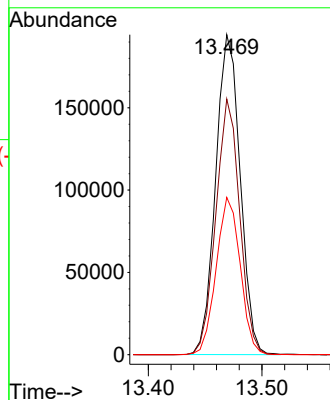
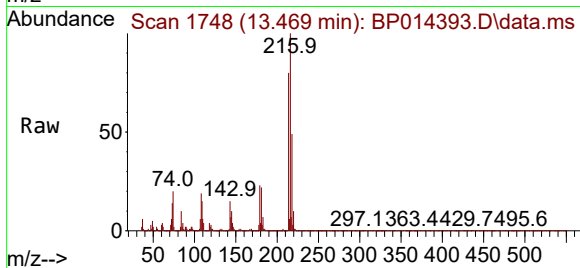
Tgt Ion:216 Resp: 291758

Ion Ratio Lower Upper

216 100

214 79.9 61.0 91.6

218 49.2 38.7 58.1



#76

Pentachlorobenzene

Concen: 18.676 ng/uL

RT: 14.987 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

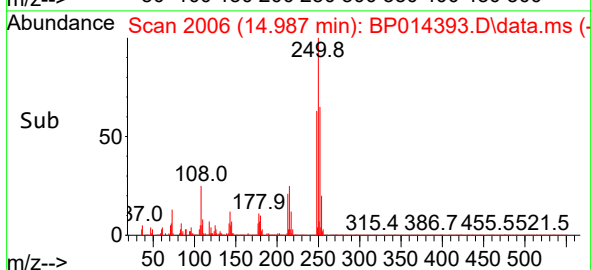
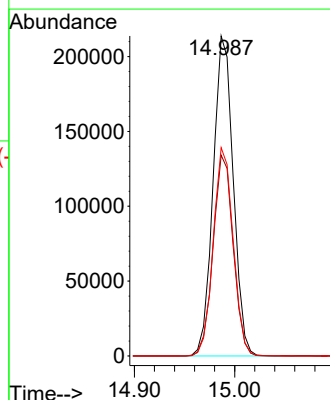
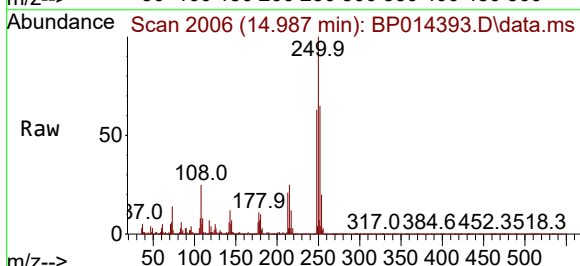
Tgt Ion:250 Resp: 297307

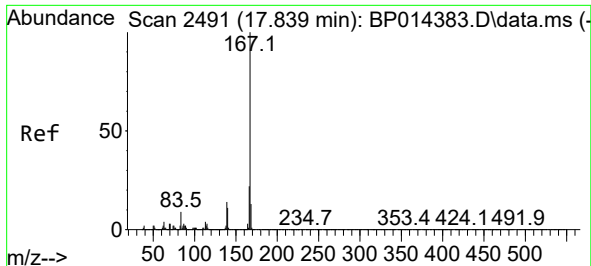
Ion Ratio Lower Upper

250 100

248 62.8 49.0 73.6

252 65.1 50.7 76.1

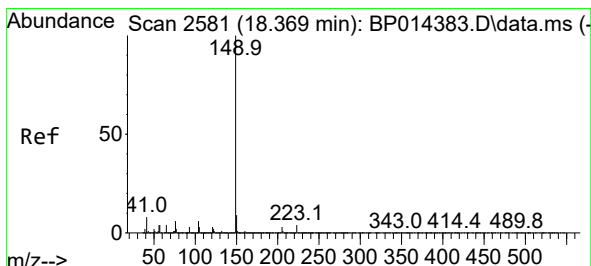
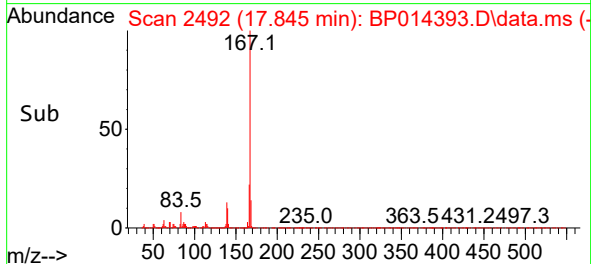
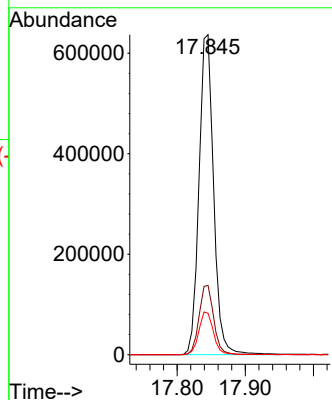
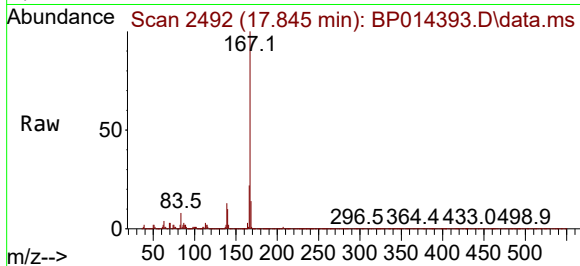




#77
Carbazole
Concen: 22.323 ng/ul
RT: 17.845 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

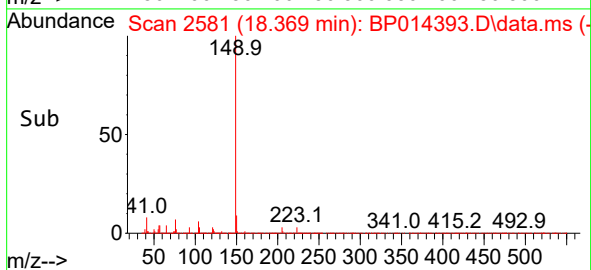
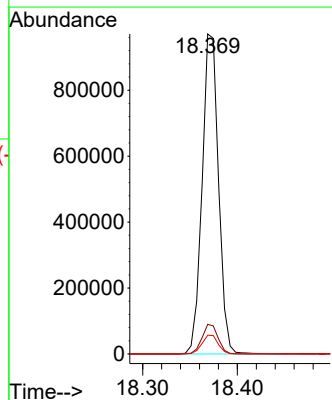
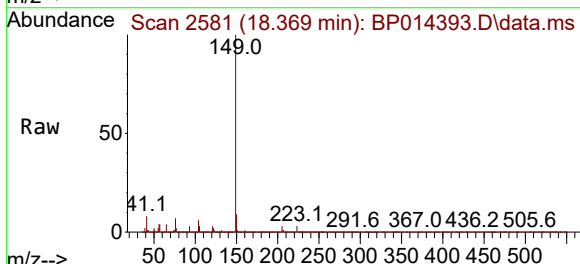
Instrument :
BNA_P
ClientSampleId :
SSTD020798

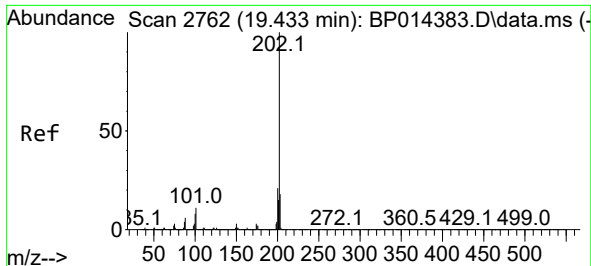
Tgt Ion:167 Resp: 949418
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.2
139 13.0 11.3 16.9



#78
Di-n-butylphthalate
Concen: 21.855 ng/ul
RT: 18.369 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:149 Resp: 1168762
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.9 4.8 7.2

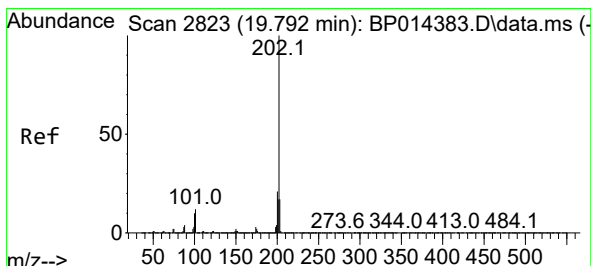
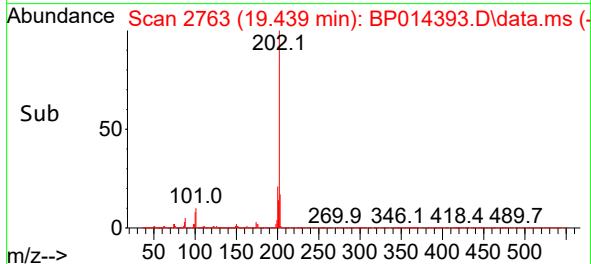
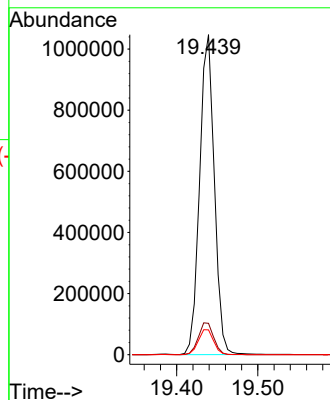
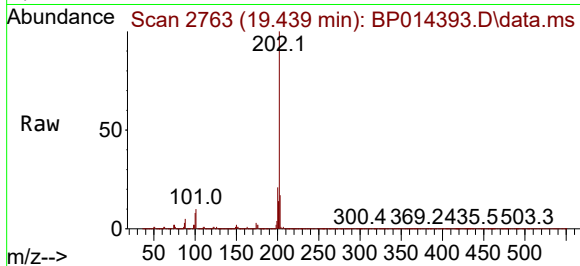




#80
Fluoranthene
Concen: 17.805 ng/u1
RT: 19.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

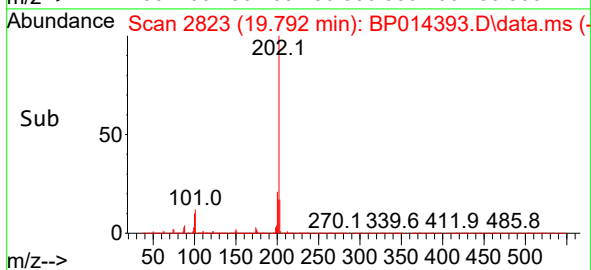
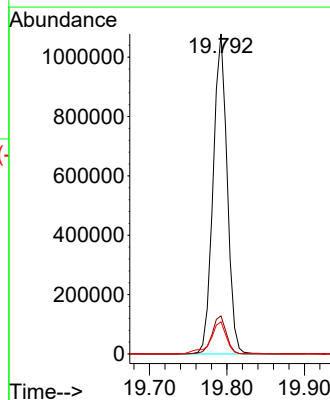
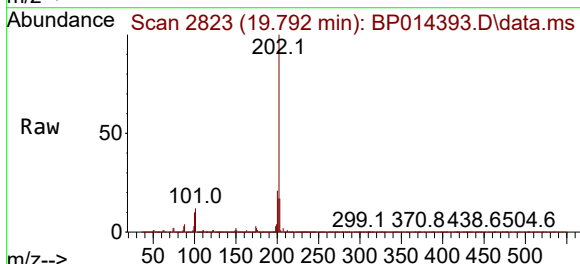
Instrument :
BNA_P
ClientSampleId :
SSTD020798

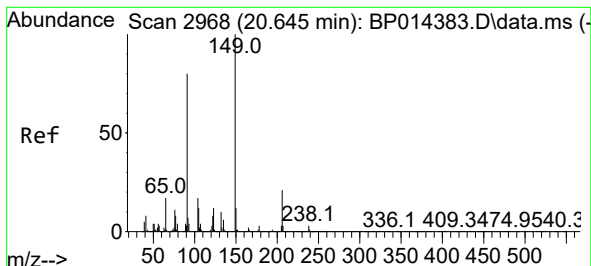
Tgt Ion:202 Resp: 1321097
Ion Ratio Lower Upper
202 100
101 9.8 8.2 12.2
100 7.8 6.4 9.6



#82
Pyrene
Concen: 17.535 ng/u1
RT: 19.792 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:202 Resp: 1358346
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 10.1 8.0 12.0





#83

Butylbenzylphthalate

Concen: 21.656 ng/ul

RT: 20.651 min Scan# 2969

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

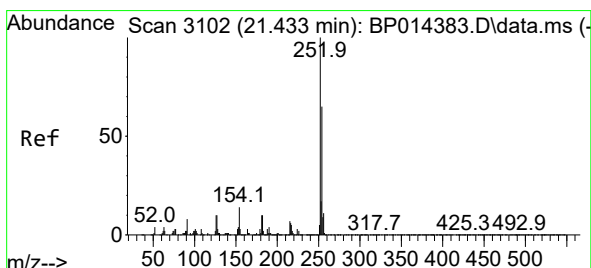
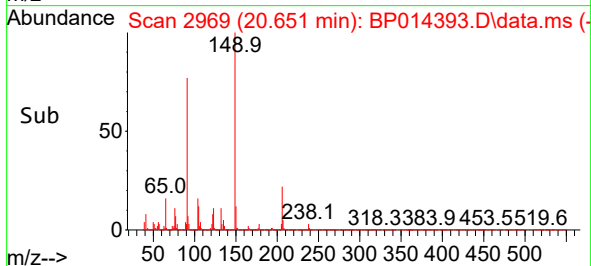
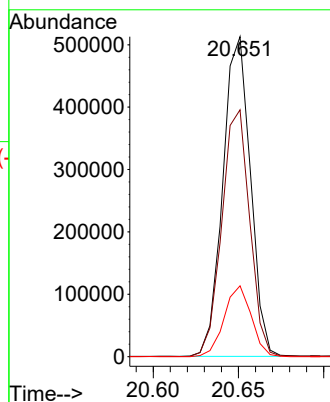
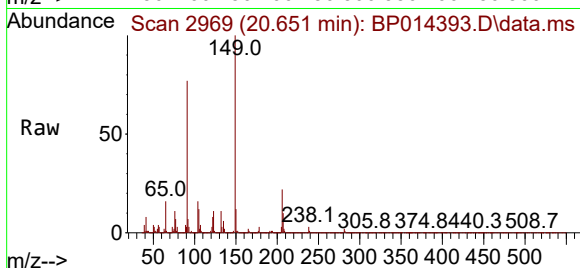
Tgt Ion:149 Resp: 577847

Ion Ratio Lower Upper

149 100

91 77.1 61.8 92.8

206 22.2 17.8 26.6



#84

3,3'-Dichlorobenzidine

Concen: 23.097 ng/ul

RT: 21.433 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

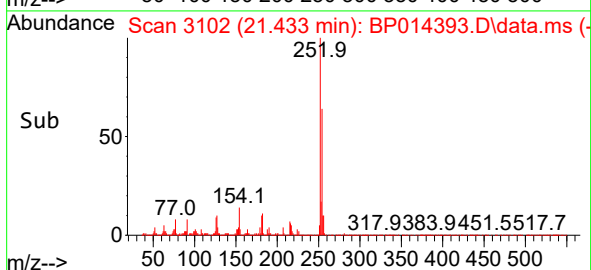
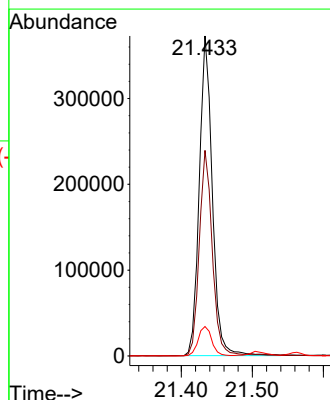
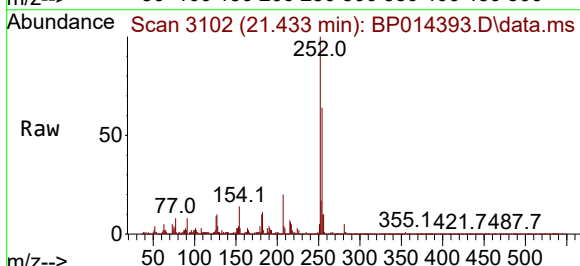
Tgt Ion:252 Resp: 477213

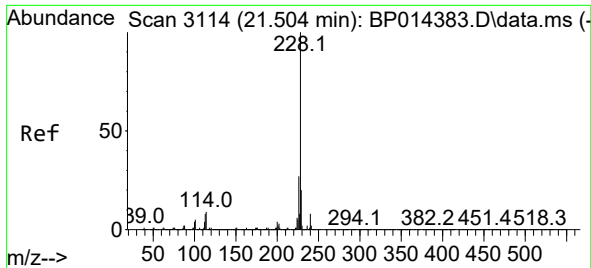
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.0

126 9.2 7.8 11.6

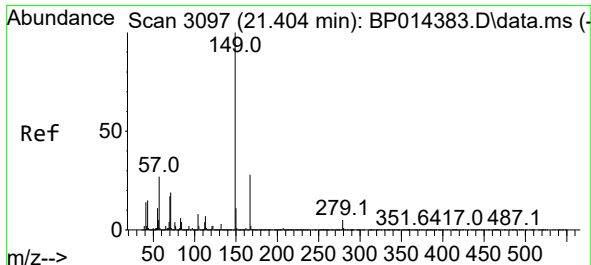
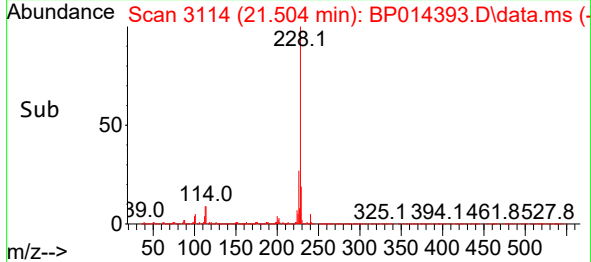
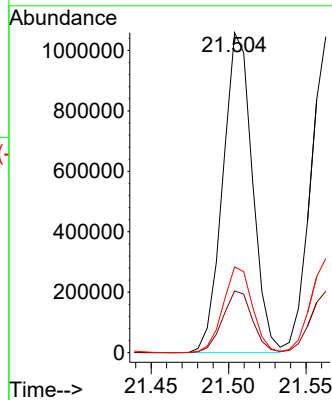
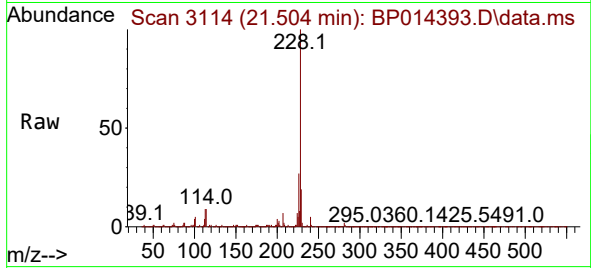




#85
Benzo(a)anthracene
Concen: 21.165 ng/ul
RT: 21.504 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

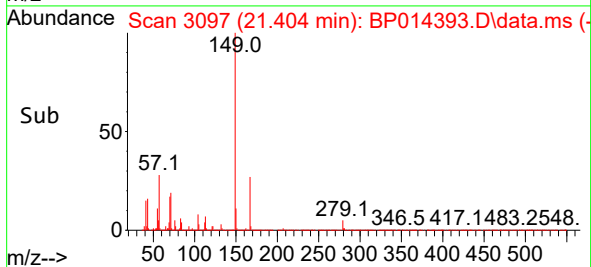
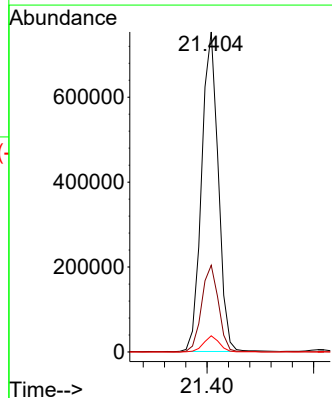
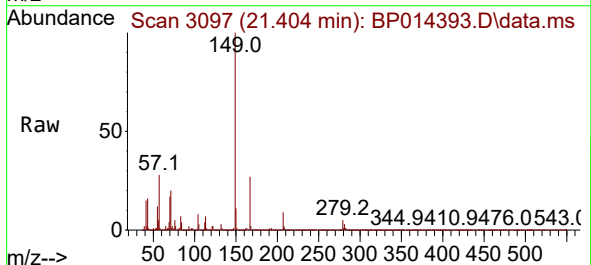
Instrument :
BNA_P
ClientSampleId :
SSTD020798

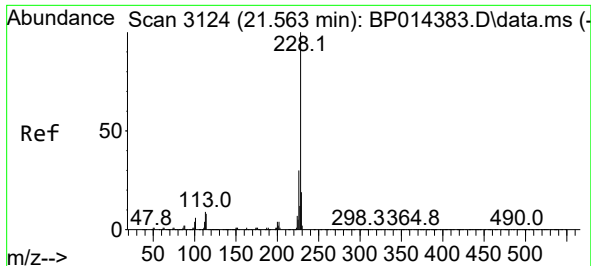
Tgt Ion:228 Resp: 1401180
Ion Ratio Lower Upper
228 100
229 19.3 15.6 23.4
226 26.8 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.357 ng/ul
RT: 21.404 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:149 Resp: 815731
Ion Ratio Lower Upper
149 100
167 27.1 21.9 32.9
279 5.1 3.7 5.5

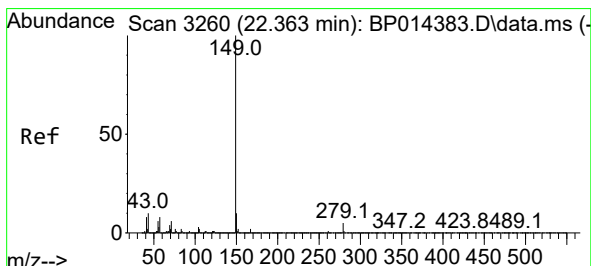
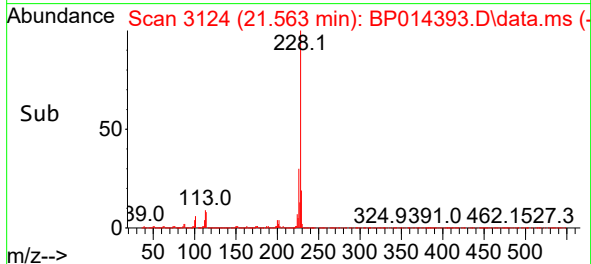
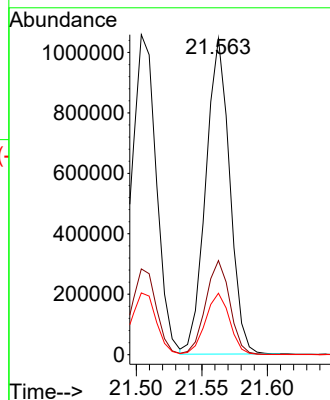
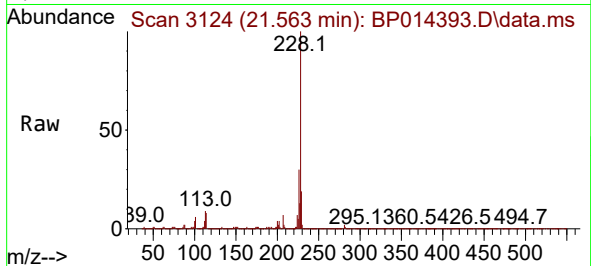




#87
Chrysene
Concen: 21.249 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

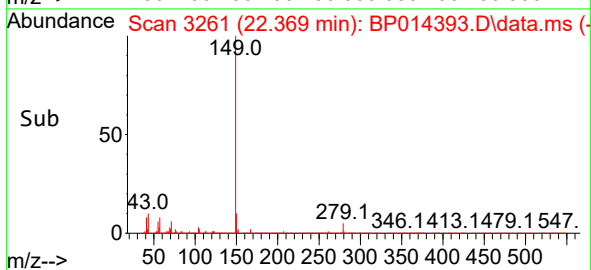
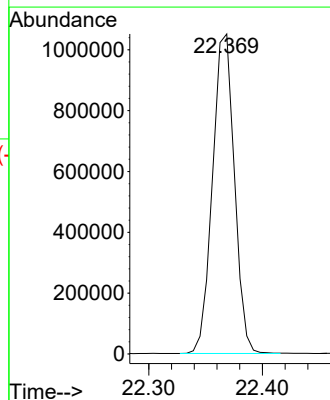
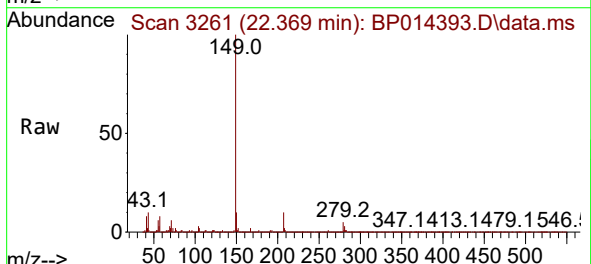
Instrument :
BNA_P
ClientSampleId :
SSTD020798

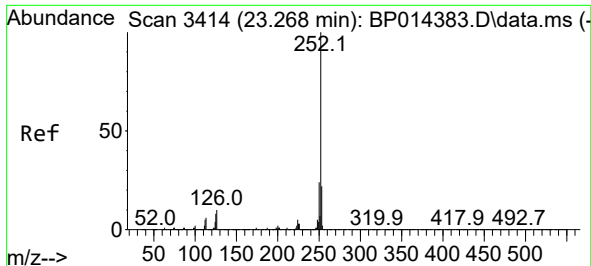
Tgt Ion:228 Resp: 1328299
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.4 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 21.825 ng/ul
RT: 22.369 min Scan# 3261
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:149 Resp: 1407843

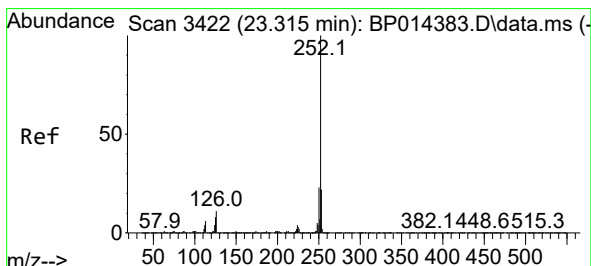
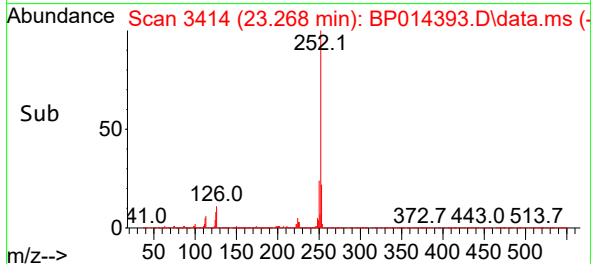
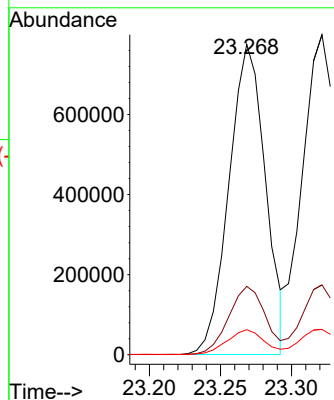
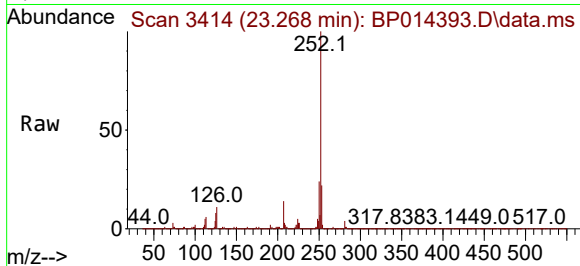




#90
Benzo(b)fluoranthene
Concen: 20.628 ng/ul
RT: 23.268 min Scan# 3414
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

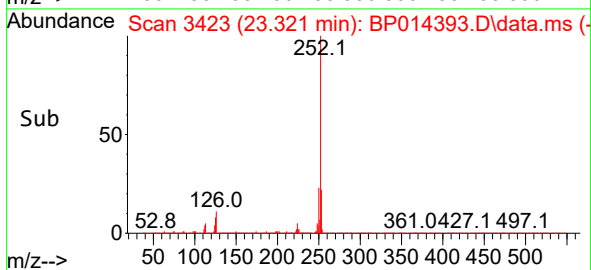
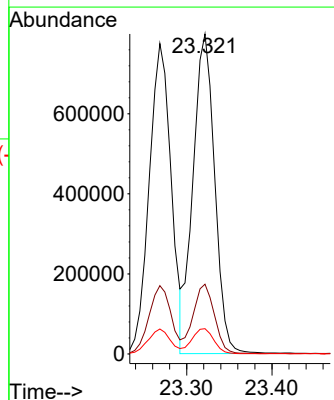
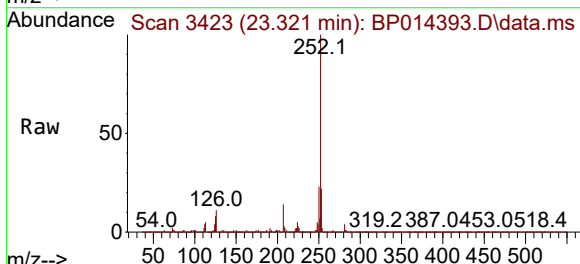
Instrument :
BNA_P
ClientSampleId :
SSTD020798

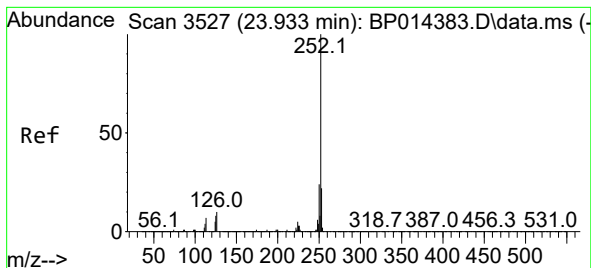
Tgt Ion:252 Resp: 1384803
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.0 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 21.597 ng/ul
RT: 23.321 min Scan# 3423
Delta R.T. 0.000 min
Lab File: BP014393.D
Acq: 30 Mar 2023 10:05

Tgt Ion:252 Resp: 1408132
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.9 6.9 10.3





#93

Benzo(a)pyrene

Concen: 21.200 ng/ul

RT: 23.933 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

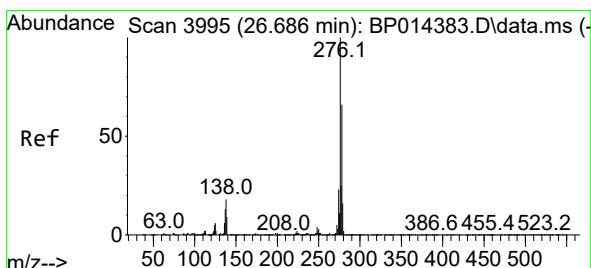
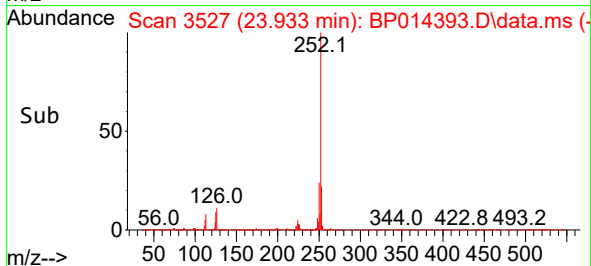
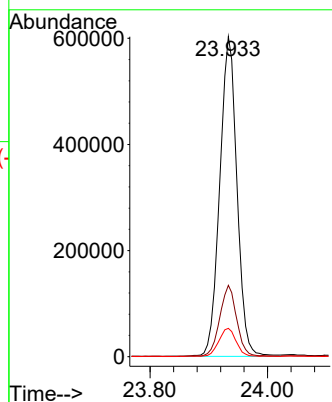
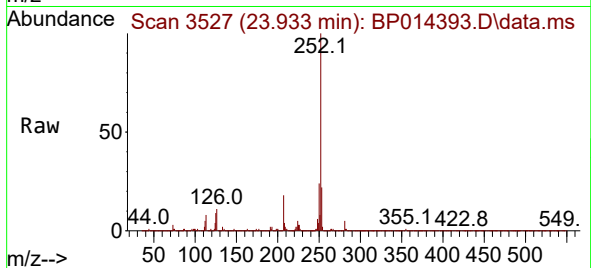
Tgt Ion:252 Resp: 1225027

Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

125 8.9 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.948 ng/ul

RT: 26.692 min Scan# 3996

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

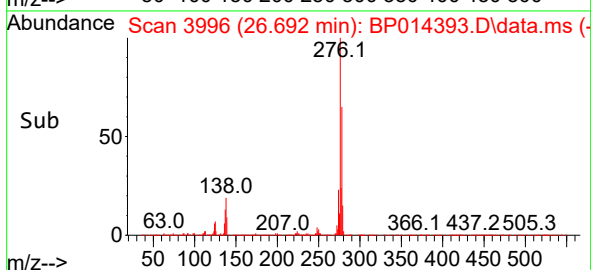
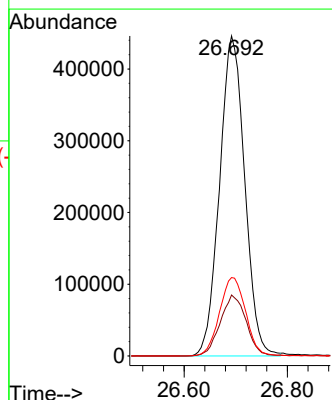
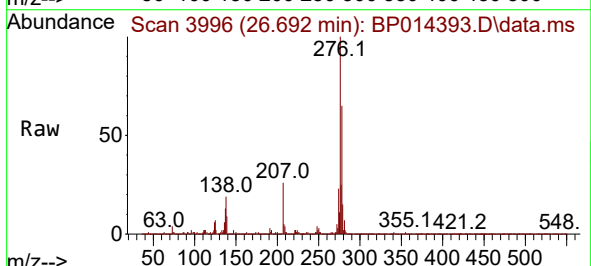
Tgt Ion:276 Resp: 1506378

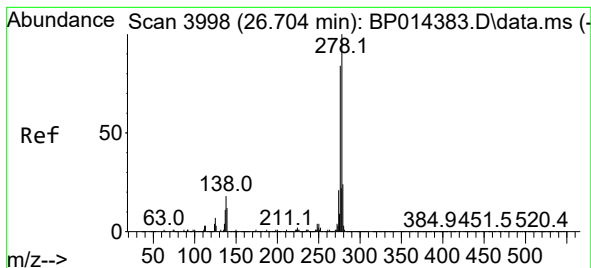
Ion Ratio Lower Upper

276 100

138 19.0 14.9 22.3

277 24.5 20.3 30.5





#95

Dibenzo(a,h)anthracene

Concen: 18.822 ng/ul

RT: 26.709 min Scan# 3998

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Instrument :

BNA_P

ClientSampleId :

SSTD020798

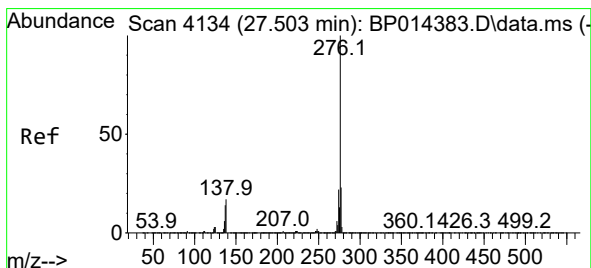
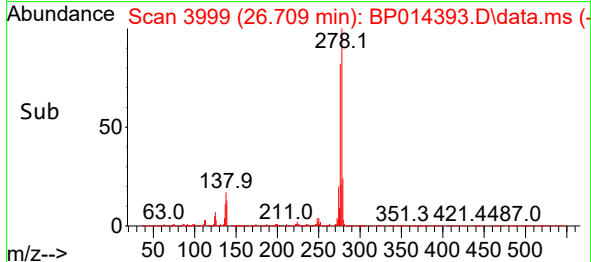
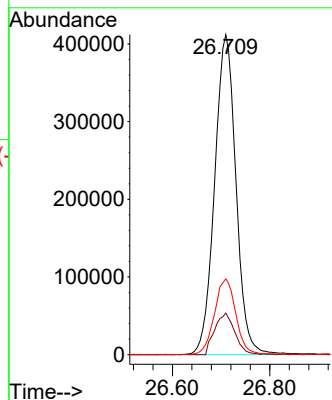
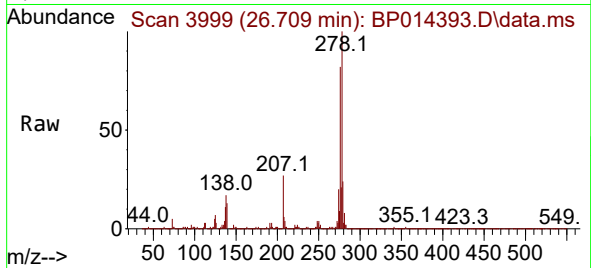
Tgt Ion:278 Resp: 1252788

Ion Ratio Lower Upper

278 100

139 13.0 10.4 15.6

279 23.7 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 18.344 ng/ul

RT: 27.509 min Scan# 4135

Delta R.T. 0.000 min

Lab File: BP014393.D

Acq: 30 Mar 2023 10:05

Tgt Ion:276 Resp: 1188696

Ion Ratio Lower Upper

276 100

138 16.5 13.0 19.4

277 24.1 18.4 27.6

