

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
 Data File : BP015344.D
 Acq On : 30 May 2023 20:30
 Operator : CG/JU
 Sample : PB153103BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS103

Quant Time: May 31 00:46:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 15:23:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	161211	20.000	ng/ul	0.00
20) Naphthalene-d8	10.940	136	720052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	479413	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1131932	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1091461	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1287345	20.000	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	27257	6.569	ng/uL	0.00
4) Pyridine-d5	3.858	84	377969	32.137	ng/ul	0.00
7) Phenol-d5	7.263	99	528222	35.290	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	310417	35.908	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	410361	37.287	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	449433	37.682	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	216430	38.251	ng/ul	0.00
24) 2-Nitrophenol-d4	10.016	143	251449	39.940	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	440441	38.770	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	585327	34.823	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	1451198	40.058	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	1593117	38.450	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	284210	40.402	ng/ul	0.00
60) Fluorene-d10	15.745	176	1193016	39.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	290485	40.721	ng/ul	0.00
73) Anthracene-d10	17.610	188	1932449	37.283	ng/ul	0.00
81) Pyrene-d10	19.827	212	2337012	36.918	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2499446	39.112	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.452	88	52729	11.827	ng/uL#	91
5) Pyridine	3.875	79	361576	29.560	ng/ul	91
6) Benzaldehyde	7.240	77	287881	69.974	ng/ul	99
8) Phenol	7.293	94	523209	34.088	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.522	93	398417	32.445	ng/ul	96
12) 2-Chlorophenol	7.669	128	394042	33.850	ng/ul	96
13) 2-Methylphenol	8.557	108	402821	33.957	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.646	45	509293	33.103	ng/ul	99
16) Acetophenone	8.946	105	652757	35.066	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.928	70	344712	35.309	ng/ul	95
18) 4-Methylphenol	8.893	108	443487	33.966	ng/ul	98
19) Hexachloroethane	9.199	117	163915	34.486	ng/ul	91
22) Nitrobenzene	9.334	77	511649	36.613	ng/ul	97
23) Isophorone	9.863	82	1010909	35.194	ng/ul	99
25) 2-Nitrophenol	10.052	139	247356	35.829	ng/ul#	89
26) 2,4-Dimethylphenol	10.104	107	502886	36.503	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.340	93	579756	33.173	ng/ul	98
29) 2,4-Dichlorophenol	10.587	162	412508	35.948	ng/ul	100
30) Naphthalene	10.993	128	1317767	33.662	ng/ul	99
32) 4-Chloroaniline	11.104	127	500428	28.967	ng/ul	98
33) Hexachlorobutadiene	11.269	225	269458	38.961	ng/ul	99
34) Caprolactam	11.893	113	107328	24.808	ng/ul	87
35) 4-Chloro-3-methylphenol	12.222	107	494075	38.131	ng/ul	97
36) 2-Methylnaphthalene	12.593	142	908391	34.439	ng/ul	98

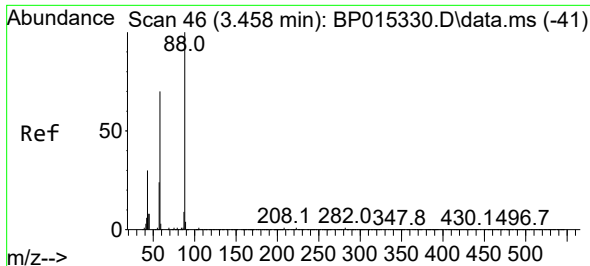
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	914049	34.508	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	525094	36.622	ng/ul	97
40) Hexachlorocyclopentadiene	12.928	237	277492	29.870	ng/ul	99
41) 2,4,6-Trichlorophenol	13.193	196	368330	36.380	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	406182	37.001	ng/ul	99
43) 1,1'-Biphenyl	13.587	154	1274457	34.263	ng/ul	99
44) 2-Chloronaphthalene	13.634	162	1002174	34.500	ng/ul	98
45) 2-Nitroaniline	13.840	65	346674	41.710	ng/ul	89
47) Dimethylphthalate	14.204	163	1370643	36.329	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	299490	40.068	ng/ul	98
50) Acenaphthylene	14.481	152	1594063	34.481	ng/ul	100
51) 3-Nitroaniline	14.663	138	294847	43.807	ng/ul	98
52) Acenaphthene	14.816	153	1087576	34.444	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	197161	39.727	ng/ul	89
55) 4-Nitrophenol	14.975	109	242249	46.821	ng/ul#	79
56) Dibenzofuran	15.151	168	1556585	35.443	ng/ul	96
57) 2,4-Dinitrotoluene	15.122	165	436638	40.370	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.381	232	364600	39.353	ng/ul	98
59) Diethylphthalate	15.563	149	1398470	37.164	ng/ul	99
61) Fluorene	15.804	166	1261983	35.757	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.787	204	639400	37.078	ng/ul	95
63) 4-Nitroaniline	15.828	138	313278	53.900	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.887	198	271812	36.920	ng/ul#	97
67) N-Nitrosodiphenylamine	16.004	169	1116307	33.539	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	433776	37.205	ng/ul	99
69) Hexachlorobenzene	16.810	284	516405	37.480	ng/ul	98
70) Atrazine	16.957	200	376473	30.602	ng/ul	98
71) Pentachlorophenol	17.157	266	320730	37.214	ng/ul	99
72) Phenanthrene	17.551	178	2112939	34.280	ng/ul	100
74) Anthracene	17.645	178	2114731	33.928	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	546576	34.057	ng/uL	99
76) Pentachlorobenzene	15.075	250	552740	34.301	ng/uL	100
77) Carbazole	17.910	167	1973246	36.104	ng/ul	100
78) Di-n-butylphthalate	18.439	149	2472361	35.127	ng/ul	99
80) Fluoranthene	19.504	202	2579667	33.435	ng/ul	96
82) Pyrene	19.857	202	2662196	33.413	ng/ul	96
83) Butylbenzylphthalate	20.710	149	1202050	34.031	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.498	252	999746	41.706	ng/ul#	96
85) Benzo(a)anthracene	21.574	228	2661758	35.270	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1734232	34.103	ng/ul	99
87) Chrysene	21.627	228	2524423	34.992	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	3026991	34.332	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2903812	35.581	ng/ul	98
91) Benzo(k)fluoranthene	23.410	252	2738689	34.948	ng/ul	98
93) Benzo(a)pyrene	24.039	252	2499447	34.649	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.862	276	3046289	32.615	ng/ul	94
95) Dibenzo(a,h)anthracene	26.880	278	2536129	33.077	ng/ul#	96
96) Benzo(g,h,i)perylene	27.704	276	2426971	31.865	ng/ul	95

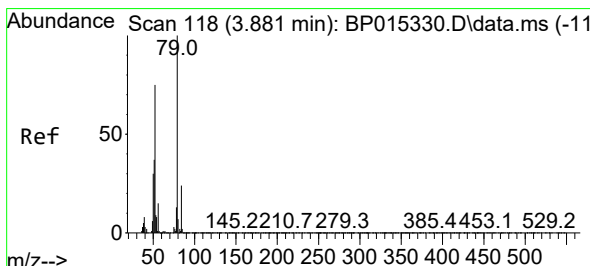
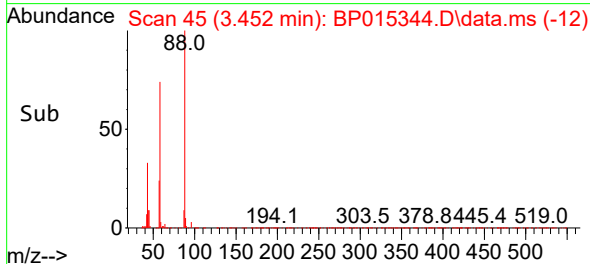
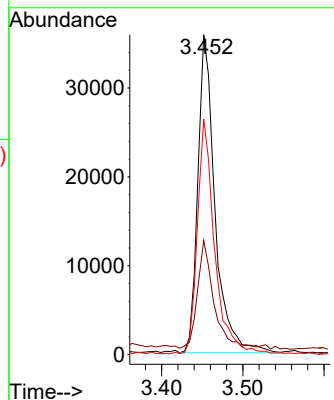
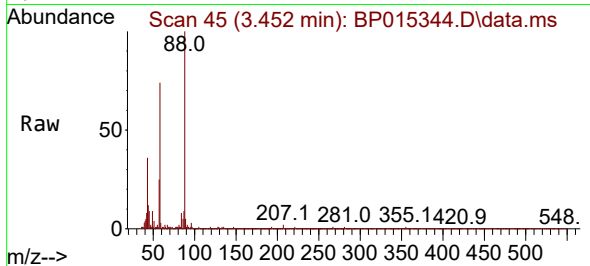
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#2
 1,4-Dioxane
 Concen: 11.827 ng/uL
 RT: 3.452 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP015344.D
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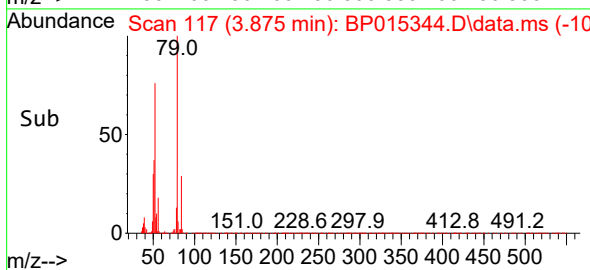
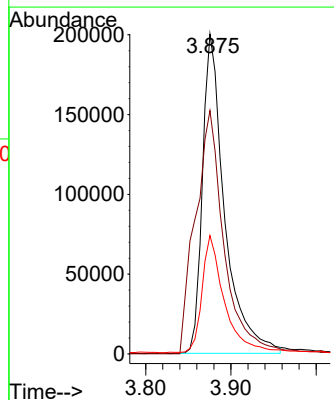
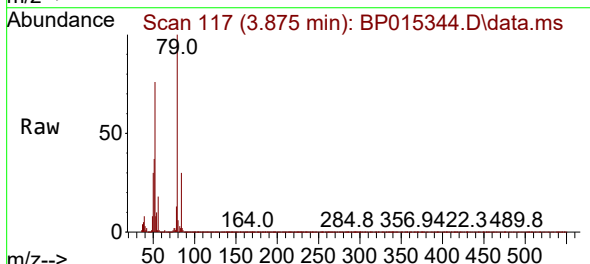
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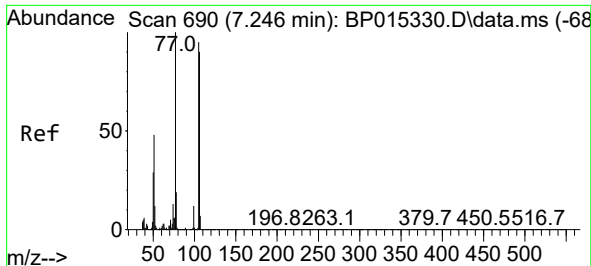
Tgt Ion: 88 Resp: 52729
 Ion Ratio Lower Upper
 88 100
 43 35.6 20.4 30.6#
 58 73.6 55.4 83.2



#5
 Pyridine
 Concen: 29.560 ng/uL
 RT: 3.875 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: BP015344.D
 Acq: 30 May 2023 20:30

Tgt Ion: 79 Resp: 361576
 Ion Ratio Lower Upper
 79 100
 52 76.1 55.4 83.2
 51 37.0 25.4 38.2

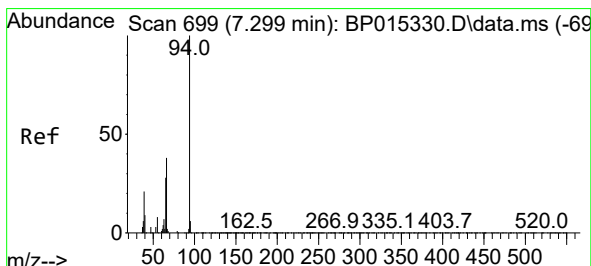
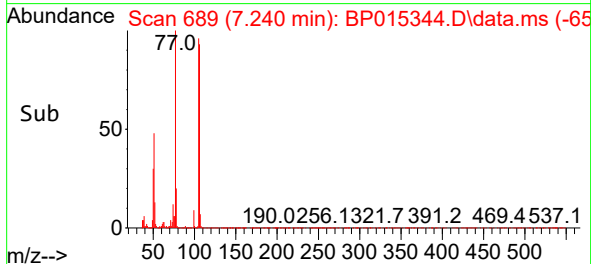
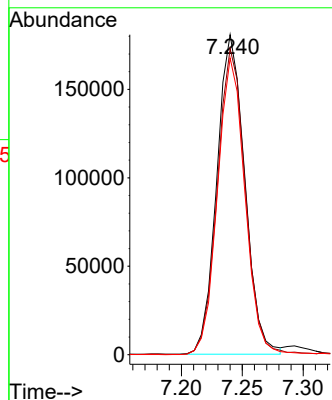
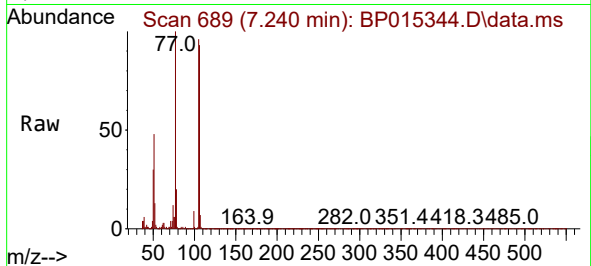




#6
Benzaldehyde
Concen: 69.974 ng/ul
RT: 7.240 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

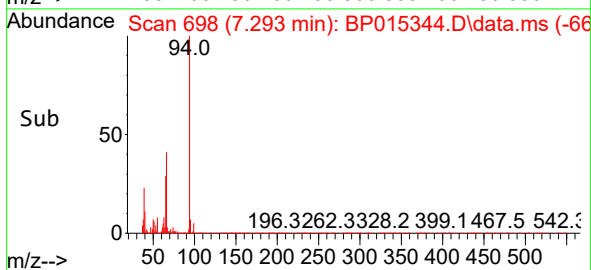
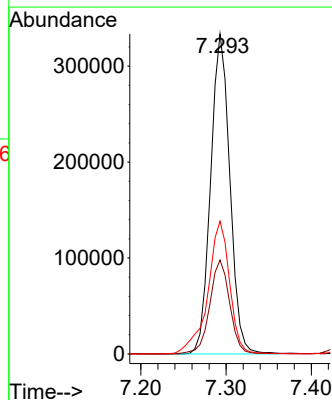
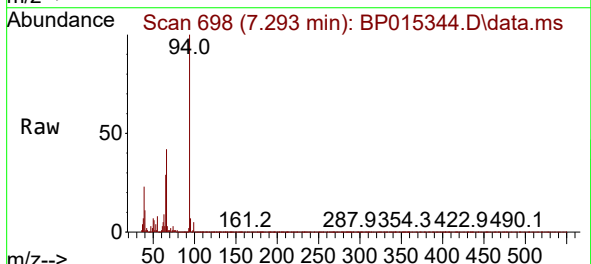
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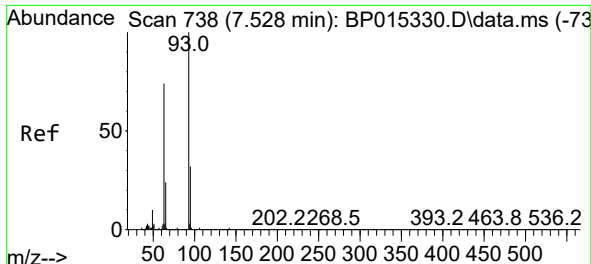
Tgt Ion: 77 Resp: 287881
Ion Ratio Lower Upper
77 100
105 95.6 76.9 115.3
106 92.7 75.0 112.6



#8
Phenol
Concen: 34.088 ng/ul
RT: 7.293 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion: 94 Resp: 523209
Ion Ratio Lower Upper
94 100
65 29.4 20.6 31.0
66 41.5 26.1 39.1#

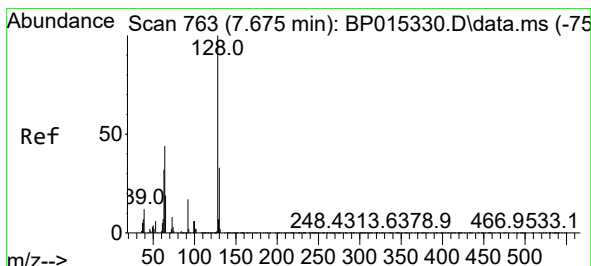
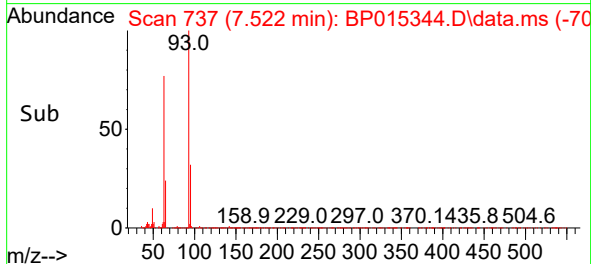
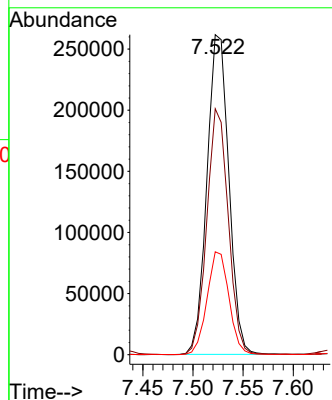
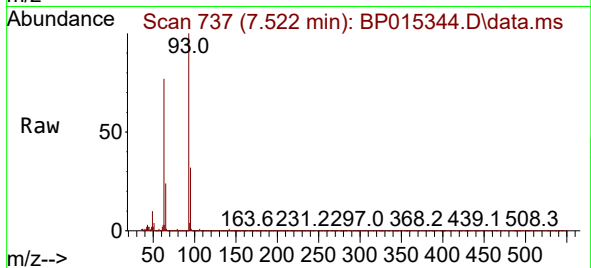




#10
Bis(2-Chloroethyl)ether
Concen: 32.445 ng/ul
RT: 7.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

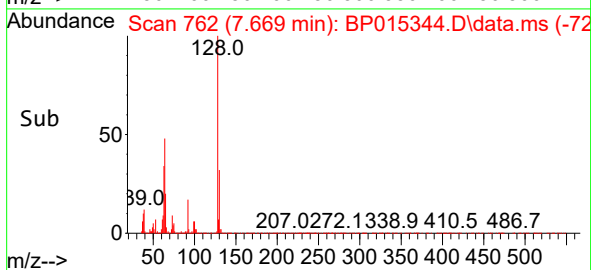
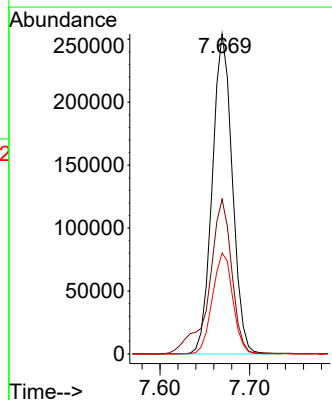
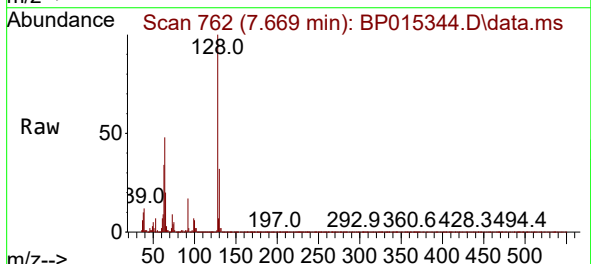
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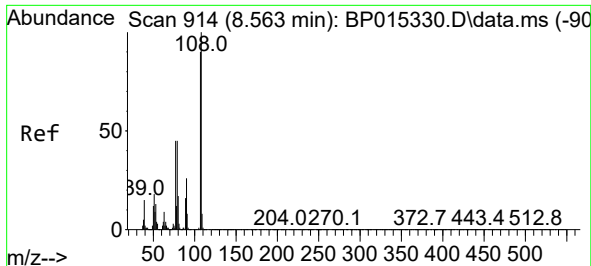
Tgt Ion: 93 Resp: 398417
Ion Ratio Lower Upper
93 100
63 76.9 58.0 87.0
95 32.1 26.4 39.6



#12
2-Chlorophenol
Concen: 33.850 ng/ul
RT: 7.669 min Scan# 762
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:128 Resp: 394042
Ion Ratio Lower Upper
128 100
64 48.4 36.2 54.2
130 31.5 26.3 39.5

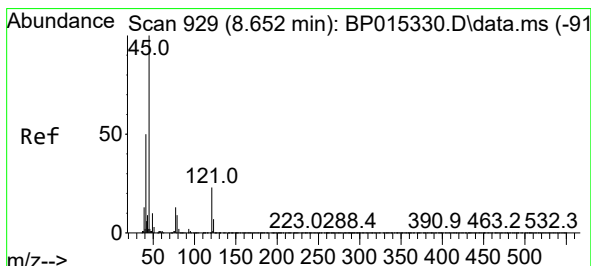
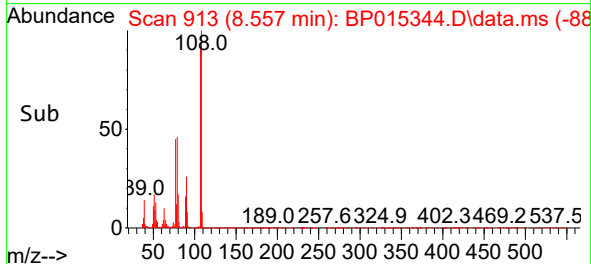
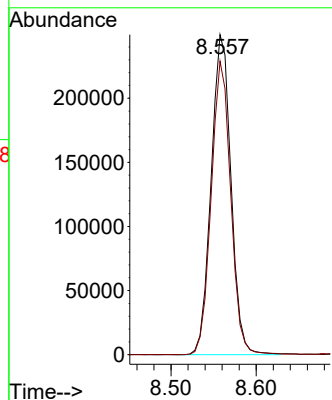
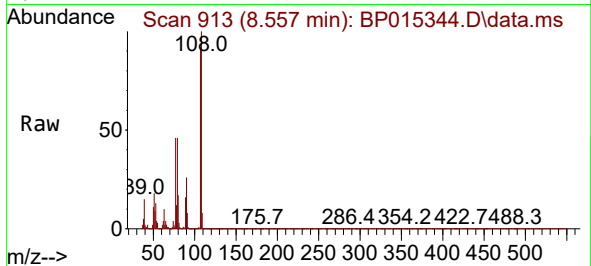




#13
2-Methylphenol
Concen: 33.957 ng/ul
RT: 8.557 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

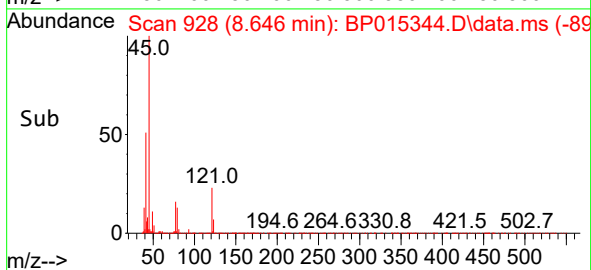
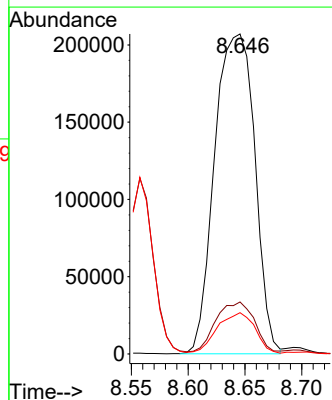
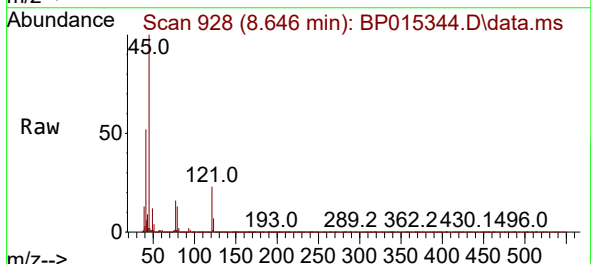
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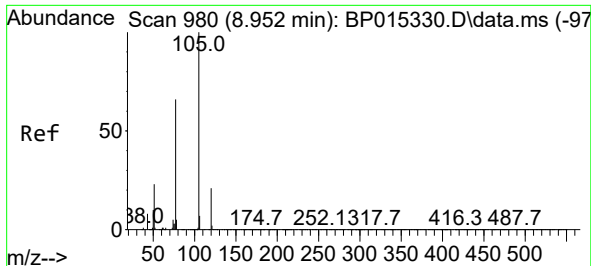
Tgt Ion:108 Resp: 402821
Ion Ratio Lower Upper
108 100
107 91.7 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 33.103 ng/ul
RT: 8.646 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion: 45 Resp: 509293
Ion Ratio Lower Upper
45 100
77 16.2 12.8 19.2
79 12.9 9.5 14.3

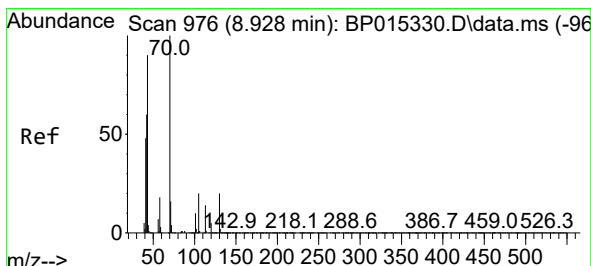
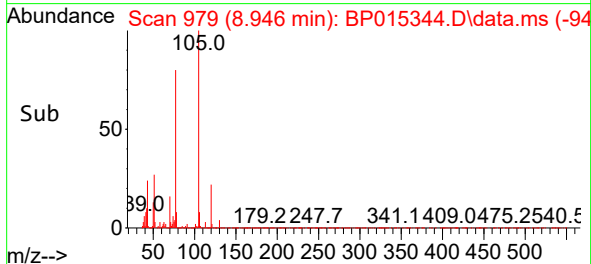
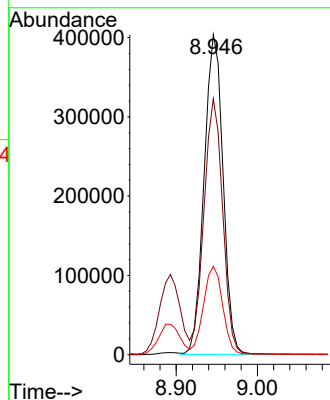
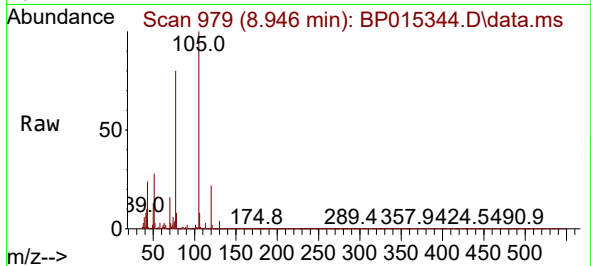




#16
Acetophenone
Concen: 35.066 ng/ul
RT: 8.946 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

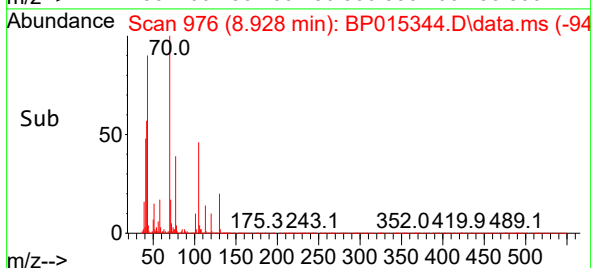
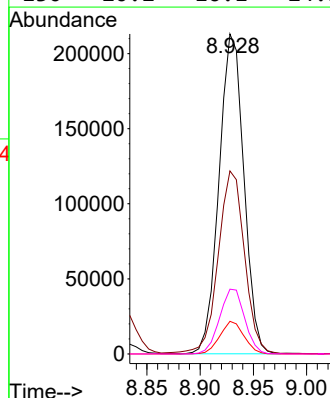
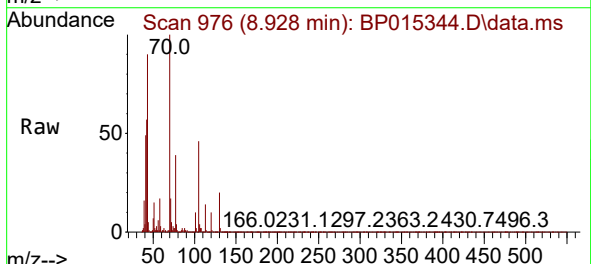
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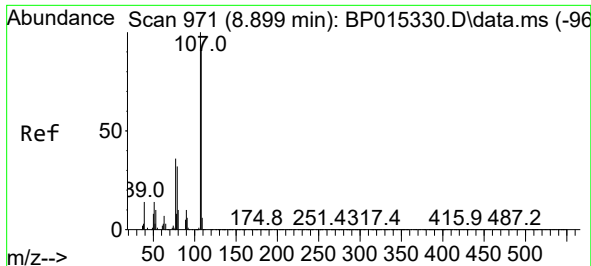
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Ion Ratio Lower Upper
105 100
77 80.0 59.4 89.2
51 27.6 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 35.309 ng/ul
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion: 70 Resp: 344712
Ion Ratio Lower Upper
70 100
42 57.2 41.0 61.6
101 10.2 7.9 11.9
130 20.2 16.1 24.1

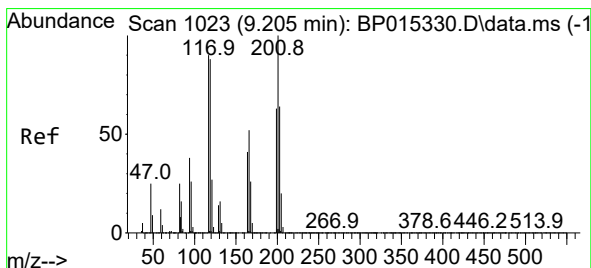
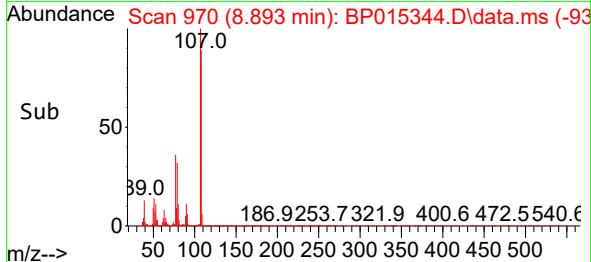
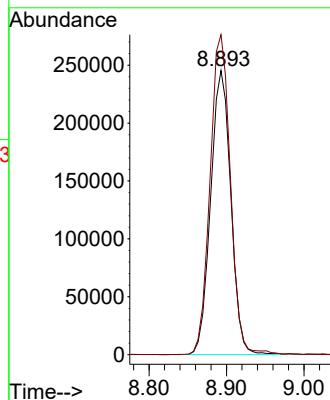
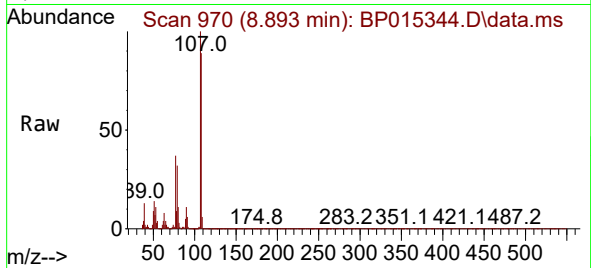




#18
4-Methylphenol
Concen: 33.966 ng/ul
RT: 8.893 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

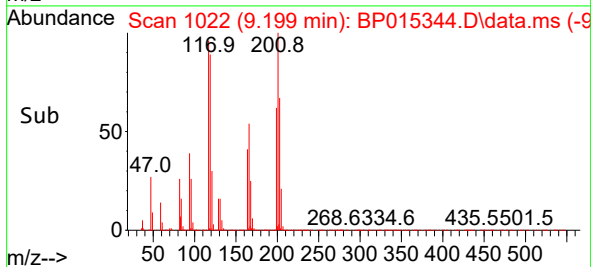
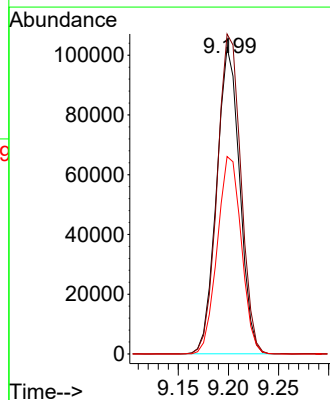
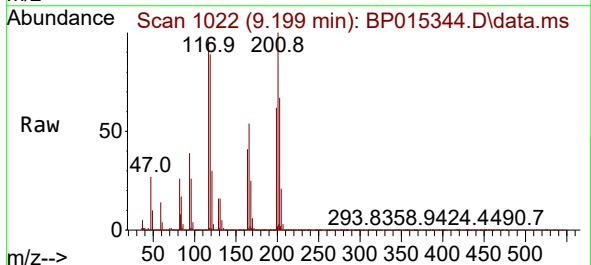
Instrument :
BNA_P
ClientSampleId :
SLCS103

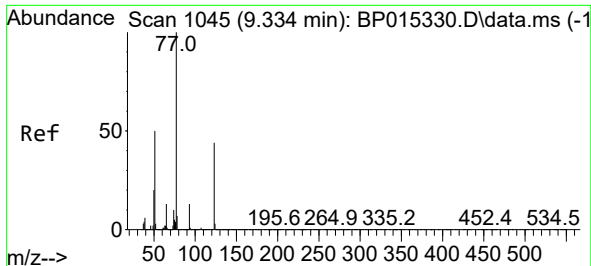
Tgt Ion:108 Resp: 443487
Ion Ratio Lower Upper
108 100
107 112.6 88.5 132.7



#19
Hexachloroethane
Concen: 34.486 ng/ul
RT: 9.199 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:117 Resp: 163915
Ion Ratio Lower Upper
117 100
201 104.3 75.8 113.8
199 64.4 46.5 69.7

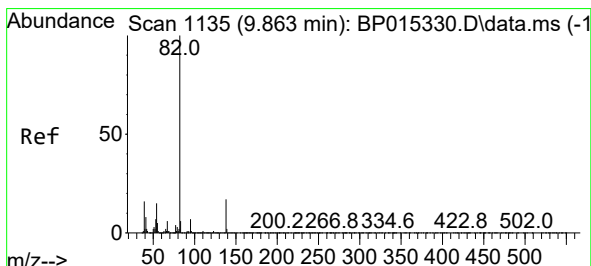
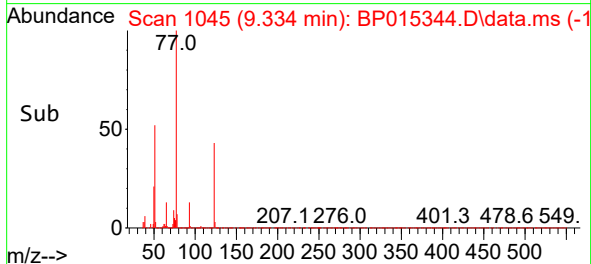
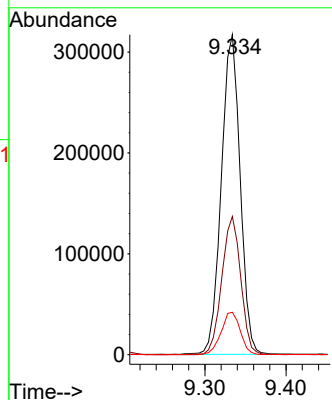
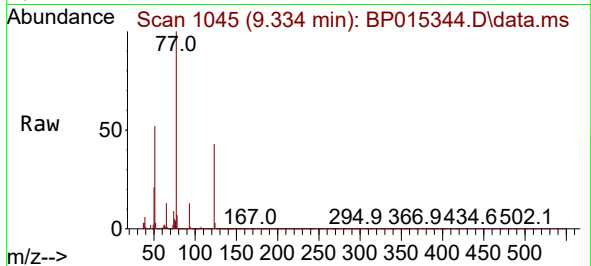




#22
Nitrobenzene
Concen: 36.613 ng/ul
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

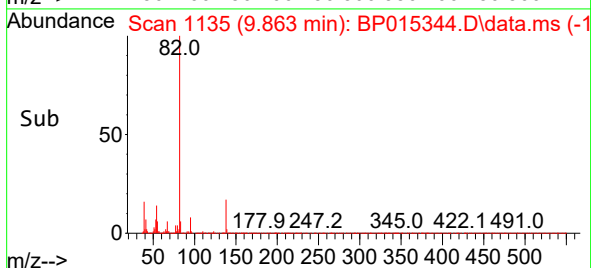
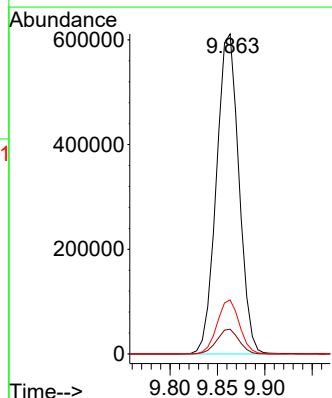
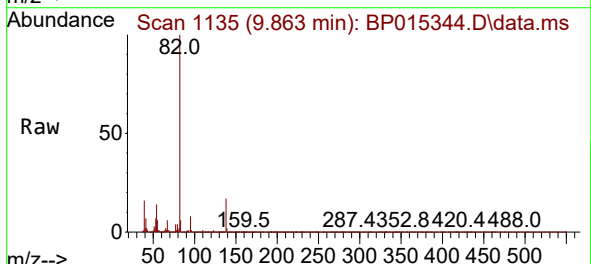
Instrument :
BNA_P
ClientSampleId :
SLCS103

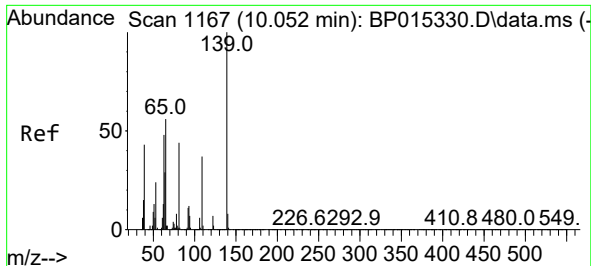
Tgt Ion: 77 Resp: 511649
Ion Ratio Lower Upper
77 100
123 43.2 36.2 54.2
65 13.3 10.1 15.1



#23
Isophorone
Concen: 35.194 ng/ul
RT: 9.863 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion: 82 Resp: 1010909
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.0
138 16.9 13.6 20.4

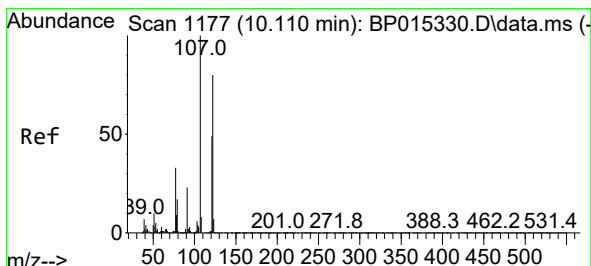
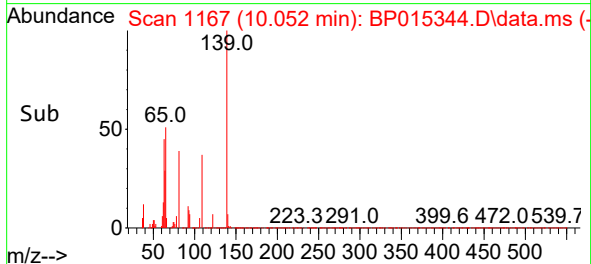
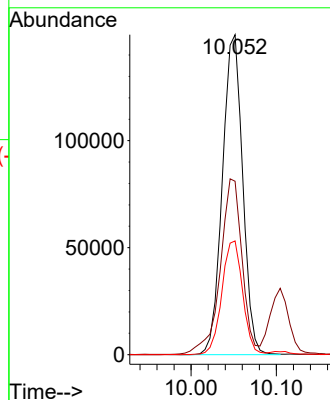
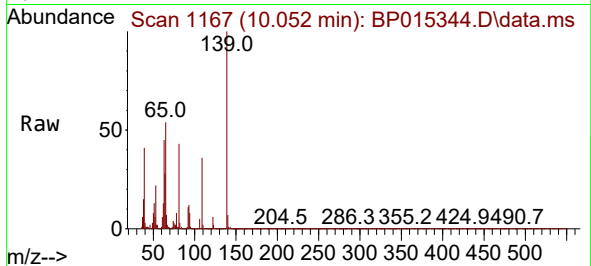




#25
2-Nitrophenol
Concen: 35.829 ng/ul
RT: 10.052 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

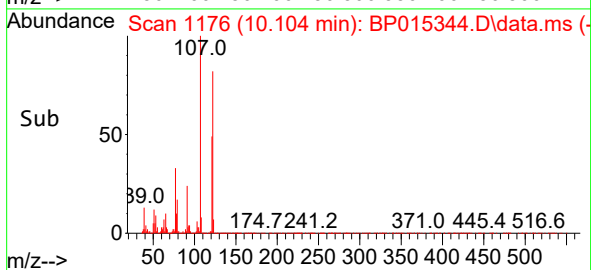
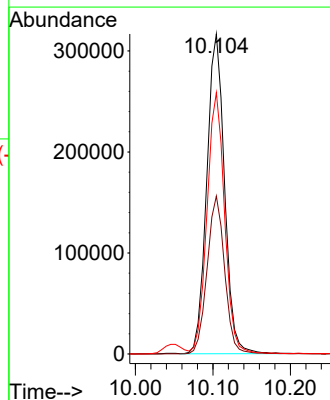
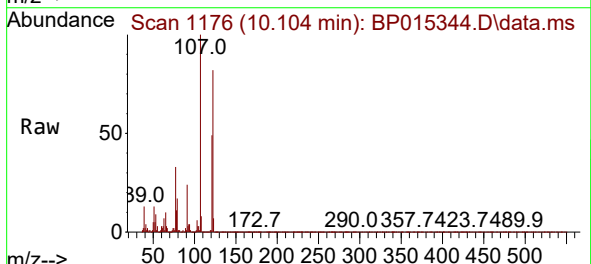
Instrument :
BNA_P
ClientSampleId :
SLCS103

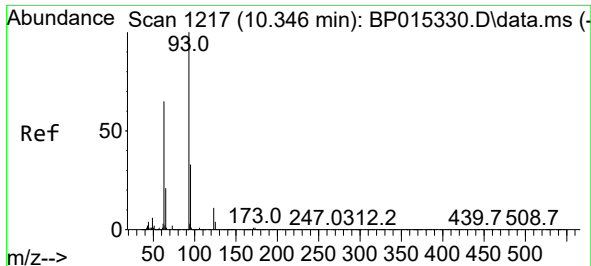
Tgt Ion:139 Resp: 247356
Ion Ratio Lower Upper
139 100
65 54.2 38.4 57.6
109 35.6 22.2 33.2#



#26
2,4-Dimethylphenol
Concen: 36.503 ng/ul
RT: 10.104 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:107 Resp: 502886
Ion Ratio Lower Upper
107 100
121 49.3 41.0 61.6
122 81.6 69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 33.173 ng/ul

RT: 10.340 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

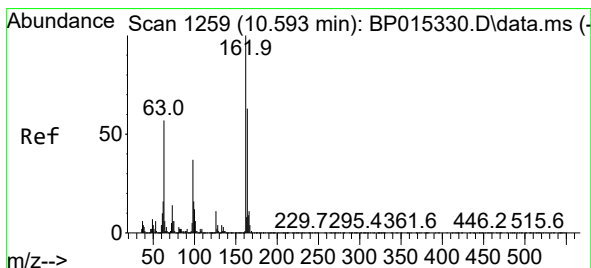
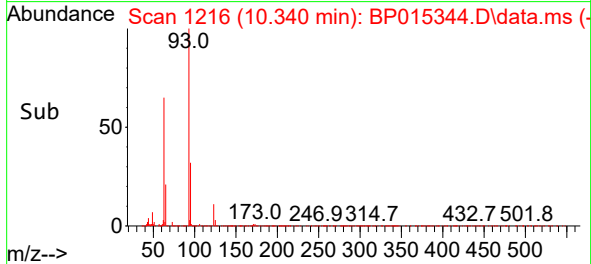
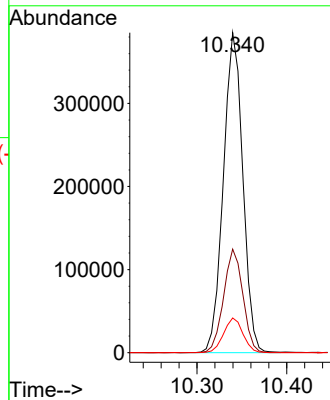
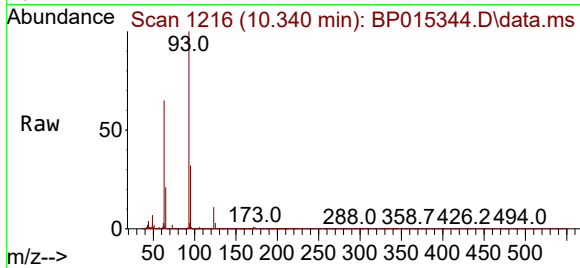
Tgt Ion: 93 Resp: 579756

Ion Ratio Lower Upper

93 100

95 32.3 26.7 40.1

123 10.9 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 35.948 ng/ul

RT: 10.587 min Scan# 1258

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

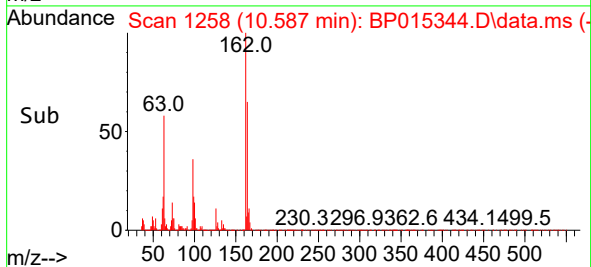
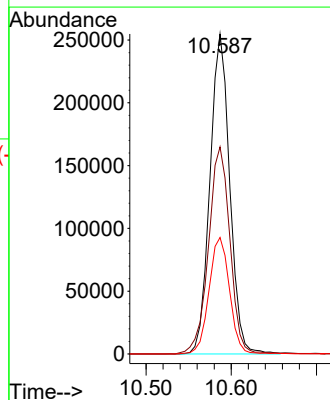
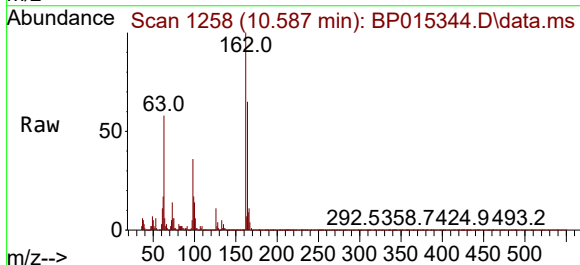
Tgt Ion:162 Resp: 412508

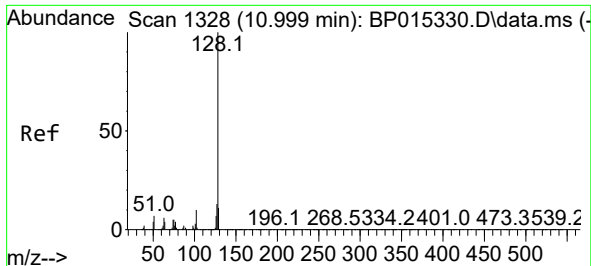
Ion Ratio Lower Upper

162 100

164 64.7 52.0 78.0

98 36.4 28.9 43.3

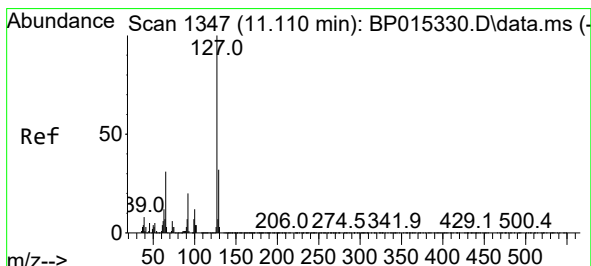
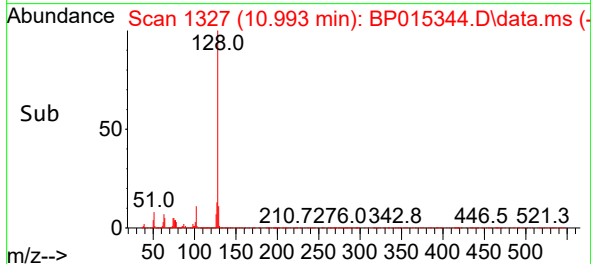
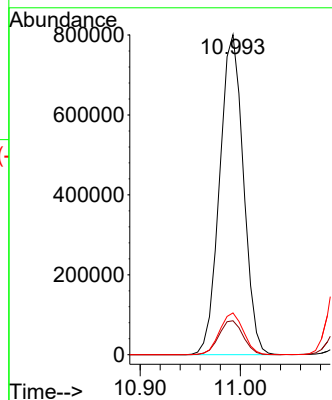
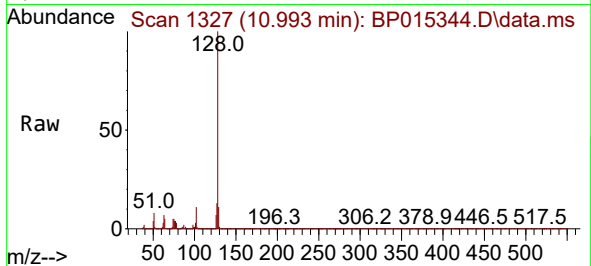




#30
Naphthalene
Concen: 33.662 ng/ul
RT: 10.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

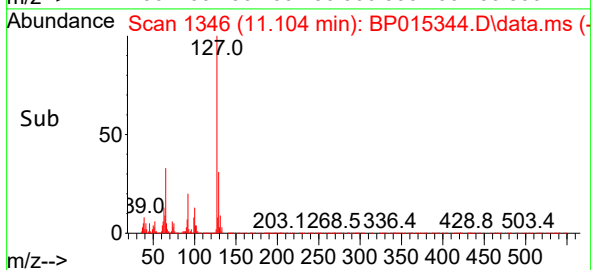
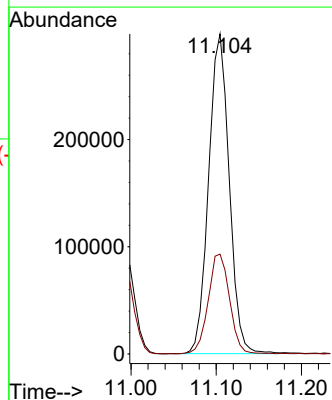
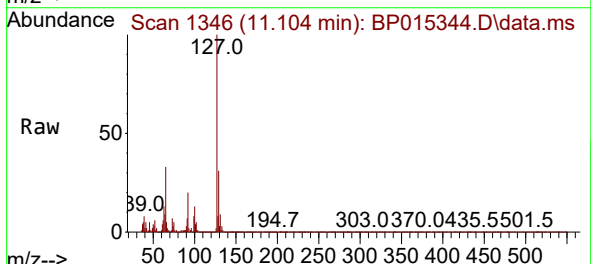
Instrument :
BNA_P
ClientSampleId :
SLCS103

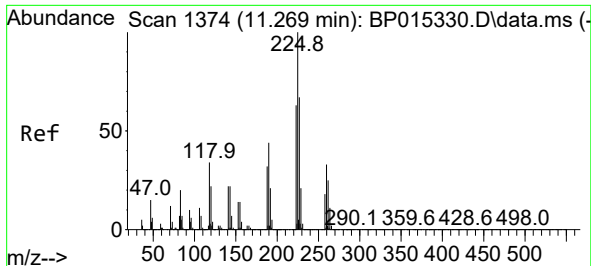
Tgt Ion:128 Resp: 1317767
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 28.967 ng/ul
RT: 11.104 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:127 Resp: 500428
Ion Ratio Lower Upper
127 100
129 31.2 25.8 38.8

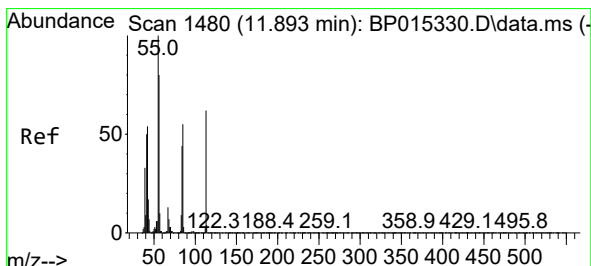
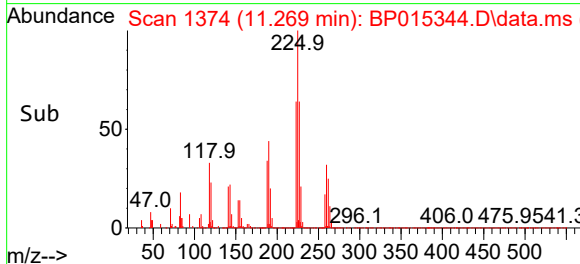
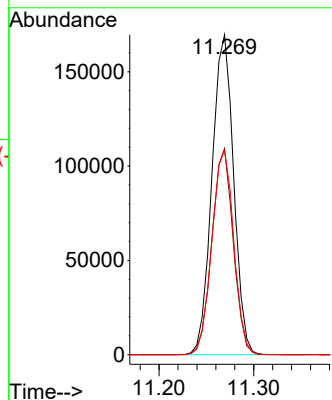
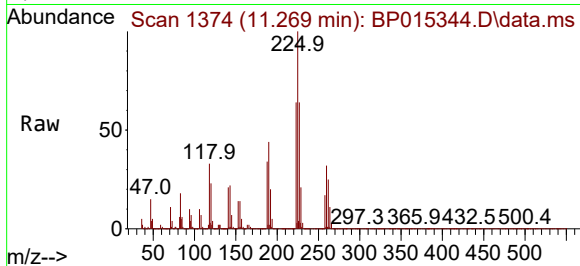




#33
Hexachlorobutadiene
Concen: 38.961 ng/ul
RT: 11.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

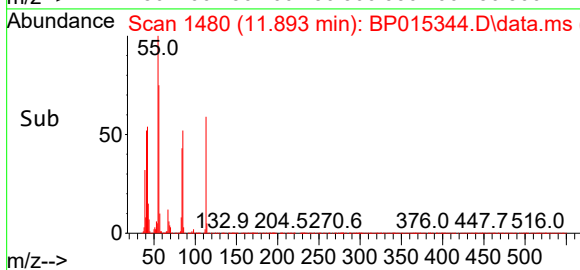
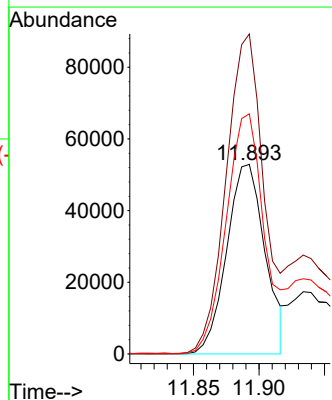
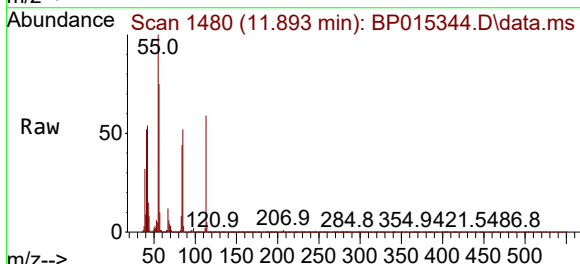
Instrument :
BNA_P
ClientSampleId :
SLCS103

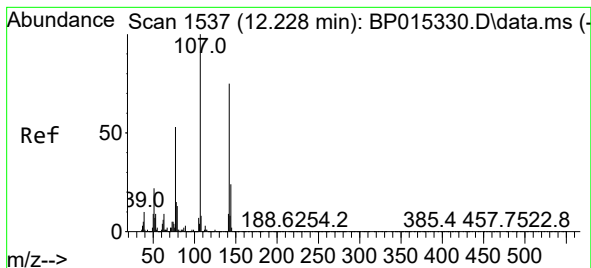
Tgt Ion:225 Resp: 269458
Ion Ratio Lower Upper
225 100
223 64.4 51.0 76.6
227 63.9 52.2 78.4



#34
Caprolactam
Concen: 24.808 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:113 Resp: 107328
Ion Ratio Lower Upper
113 100
55 168.8 121.2 181.8
56 126.7 90.2 135.4

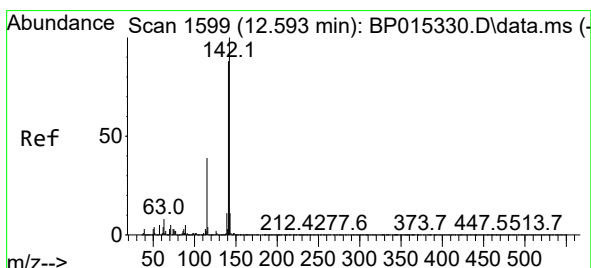
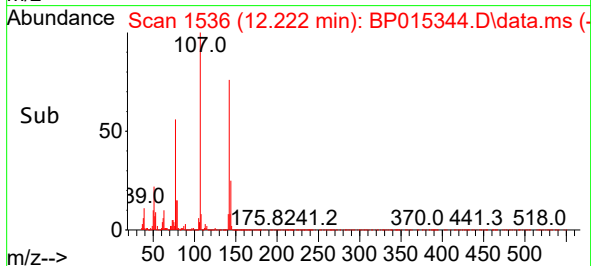
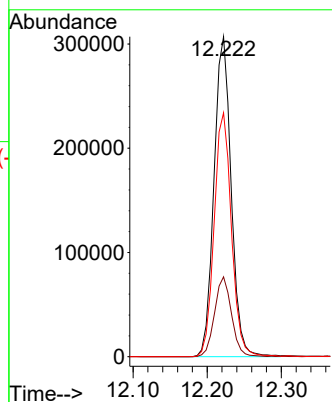
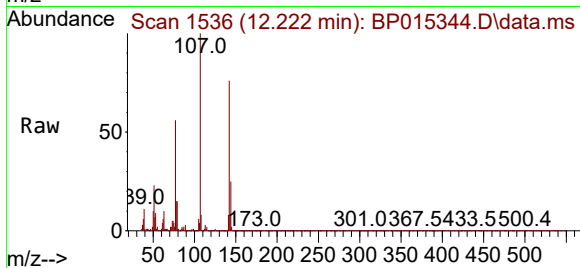




#35
4-Chloro-3-methylphenol
Concen: 38.131 ng/ul
RT: 12.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

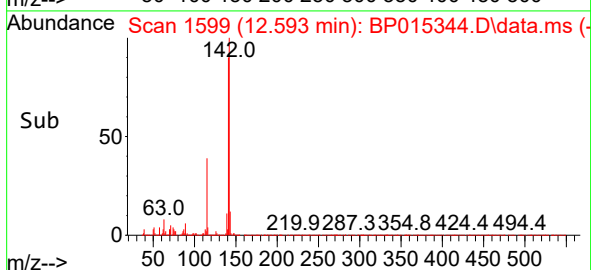
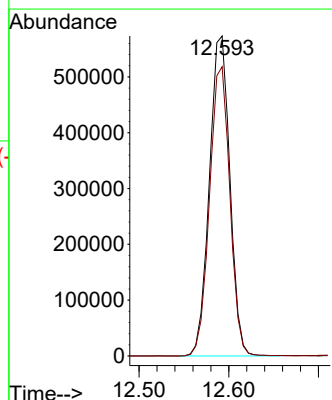
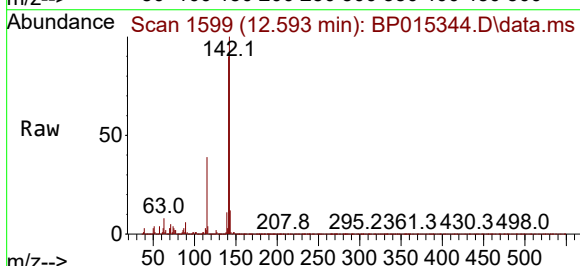
Instrument :
BNA_P
ClientSampleId :
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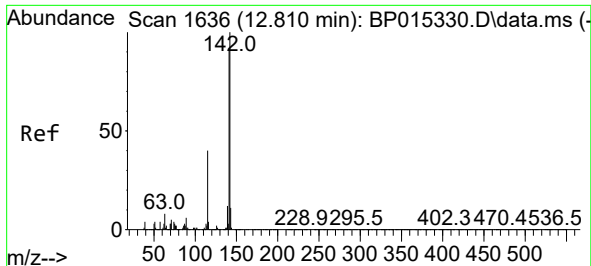
Tgt Ion:107 Resp: 494075
Ion Ratio Lower Upper
107 100
144 25.0 20.3 30.5
142 76.2 63.2 94.8



#36
2-Methylnaphthalene
Concen: 34.439 ng/ul
RT: 12.593 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:142 Resp: 908391
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.6

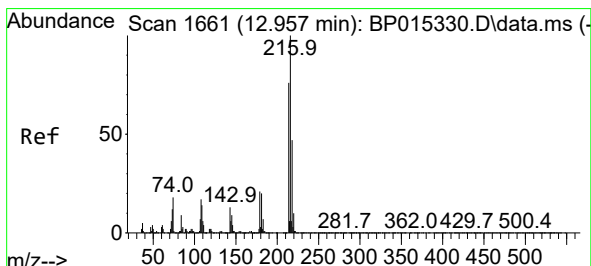
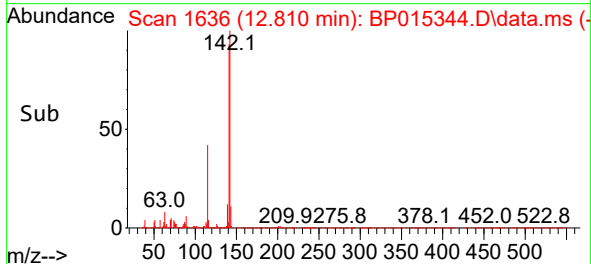
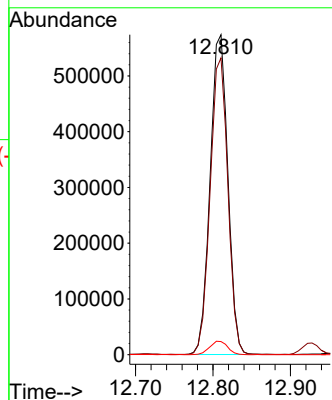
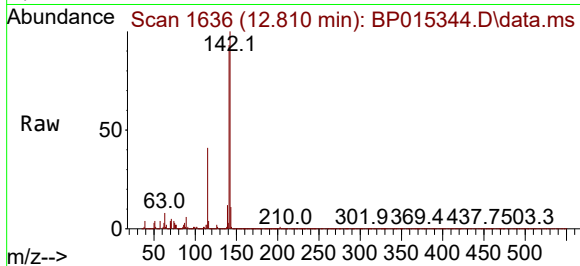




#37
1-Methylnaphthalene
Concen: 34.508 ng/ul
RT: 12.810 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

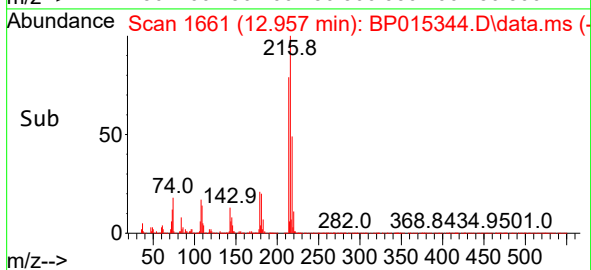
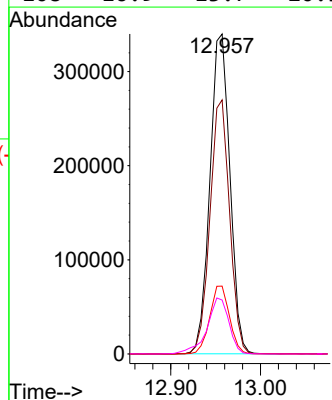
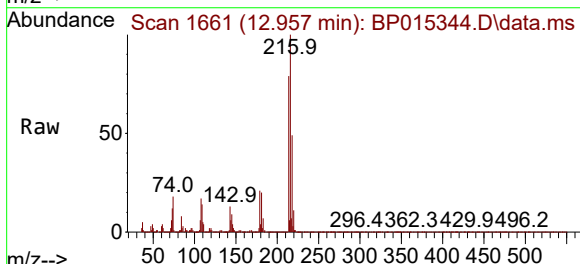
Instrument :
BNA_P
ClientSampleId :
SLCS103

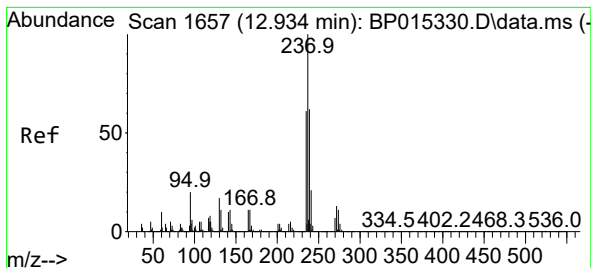
Tgt Ion:142 Resp: 914049
Ion Ratio Lower Upper
142 100
141 92.8 74.6 112.0
116 4.1 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.622 ng/ul
RT: 12.957 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:216 Resp: 525094
Ion Ratio Lower Upper
216 100
214 79.4 61.4 92.0
179 21.2 15.9 23.9
108 16.9 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 29.870 ng/ul

RT: 12.928 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

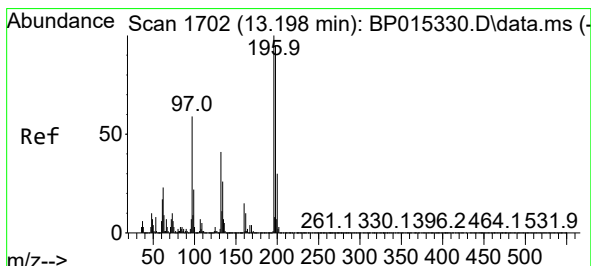
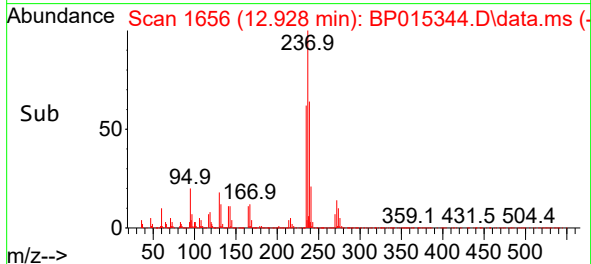
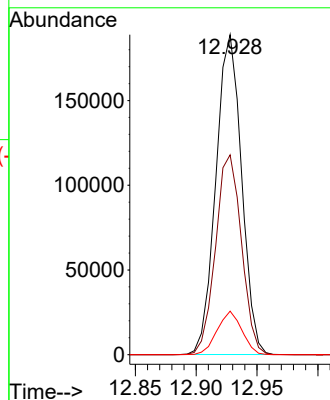
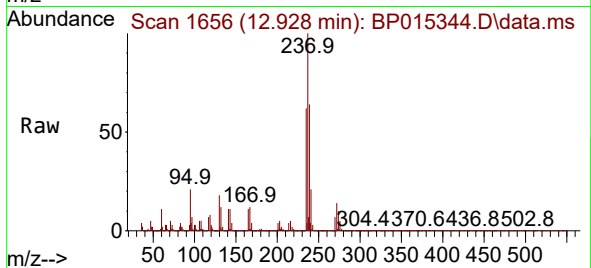
Tgt Ion:237 Resp: 277492

Ion Ratio Lower Upper

237 100

235 62.4 49.4 74.0

272 13.6 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 36.380 ng/ul

RT: 13.193 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

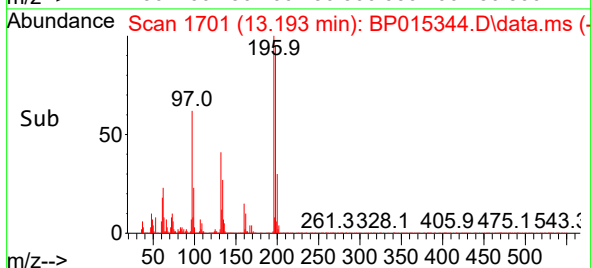
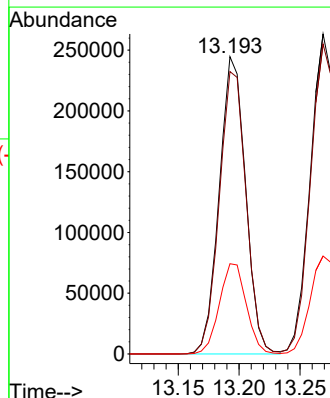
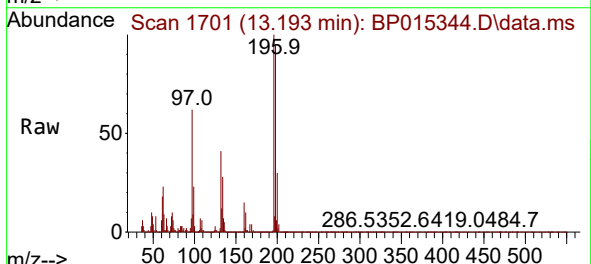
Tgt Ion:196 Resp: 368330

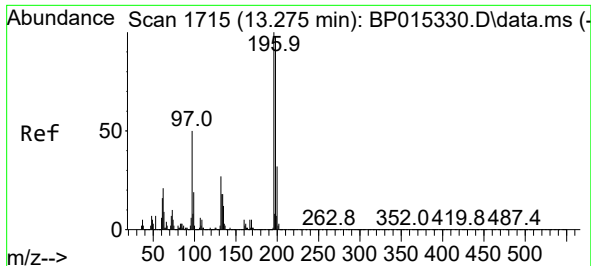
Ion Ratio Lower Upper

196 100

198 95.0 75.5 113.3

200 30.3 23.6 35.4

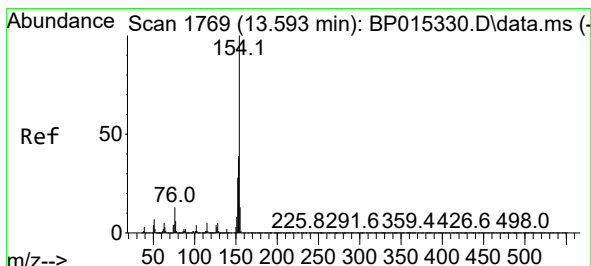
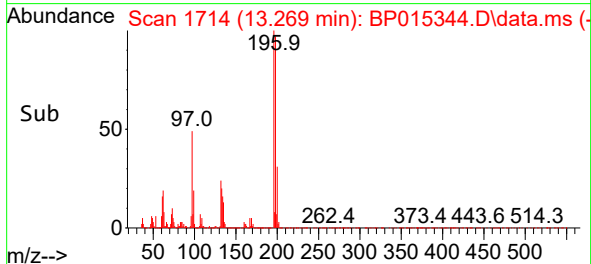
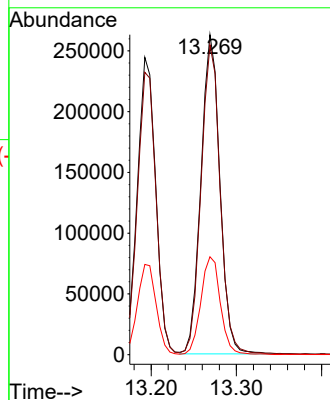
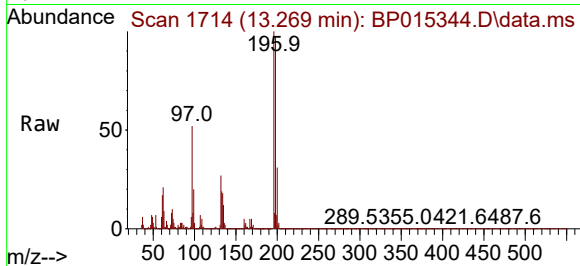




#42
2,4,5-Trichlorophenol
Concen: 37.001 ng/ul
RT: 13.269 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

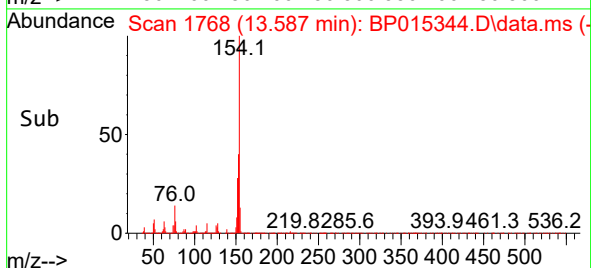
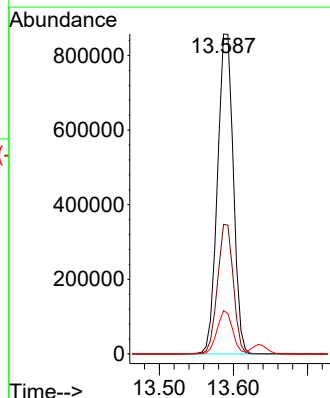
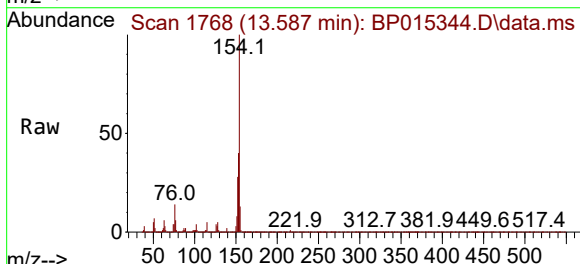
Instrument :
BNA_P
ClientSampleId :
SLCS103

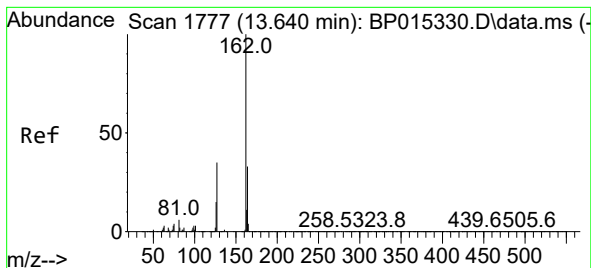
Tgt Ion:196 Resp: 406182
Ion Ratio Lower Upper
196 100
198 96.8 77.0 115.4
200 30.6 24.3 36.5



#43
1,1'-Biphenyl
Concen: 34.263 ng/ul
RT: 13.587 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:154 Resp: 1274457
Ion Ratio Lower Upper
154 100
153 40.5 32.7 49.1
76 13.5 10.7 16.1





#44

2-Chloronaphthalene

Concen: 34.500 ng/ul

RT: 13.634 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

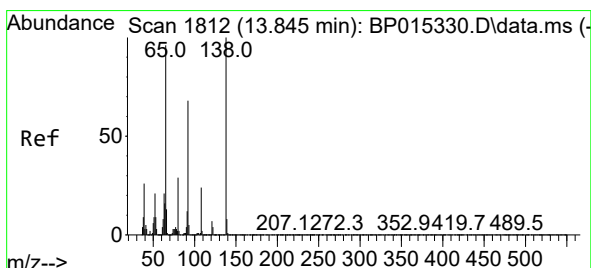
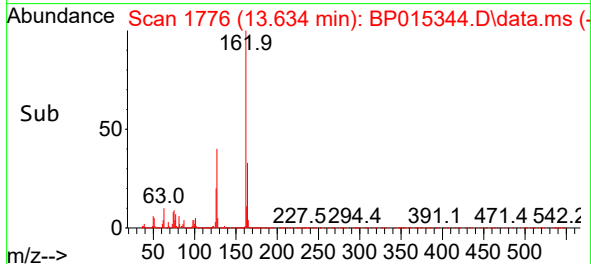
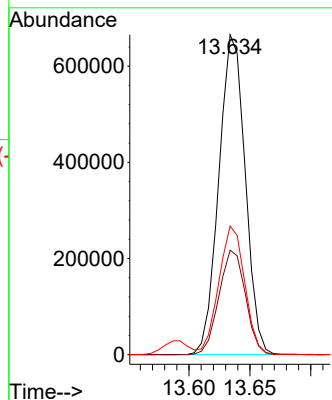
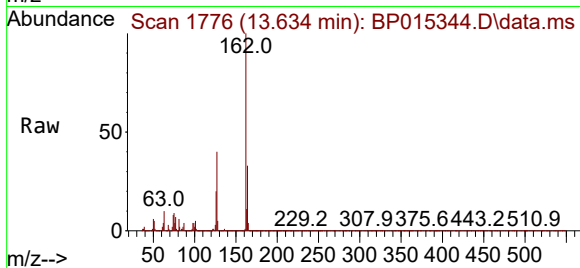
Tgt Ion:162 Resp: 1002174

Ion Ratio Lower Upper

162 100

164 32.7 25.9 38.9

127 40.2 30.8 46.2



#45

2-Nitroaniline

Concen: 41.710 ng/ul

RT: 13.840 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

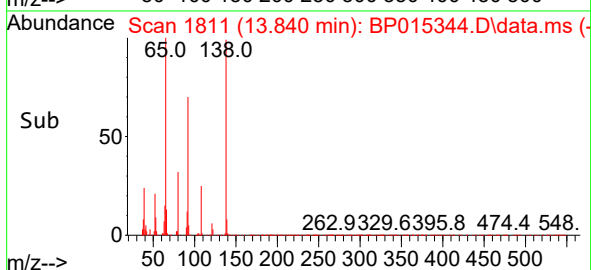
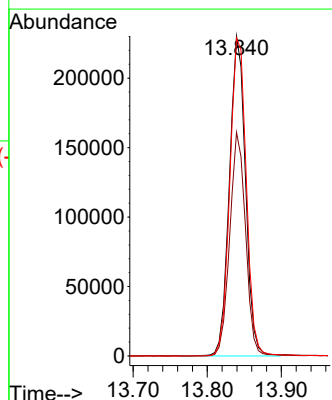
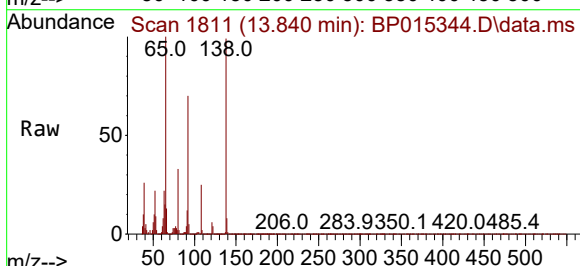
Tgt Ion: 65 Resp: 346674

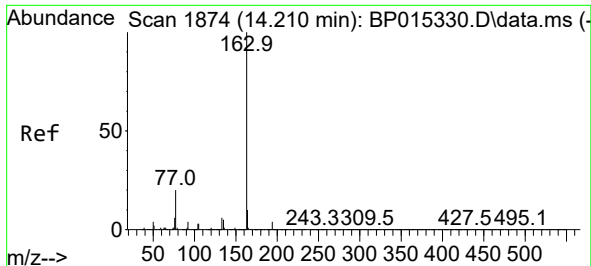
Ion Ratio Lower Upper

65 100

92 69.9 59.8 89.8

138 99.4 92.3 138.5





#47

Dimethylphthalate

Concen: 36.329 ng/ul

RT: 14.204 min Scan# 1873

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

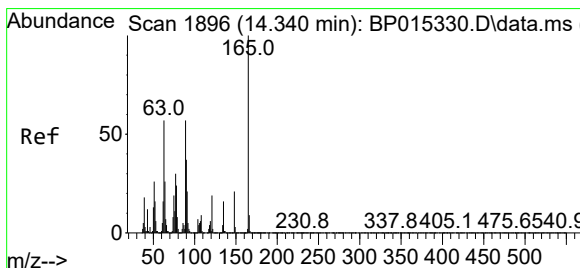
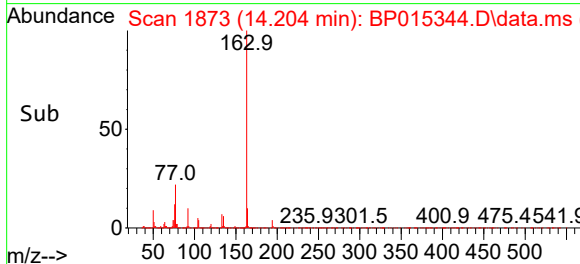
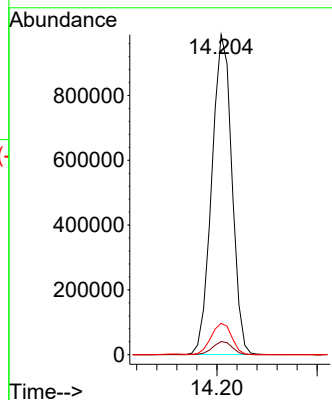
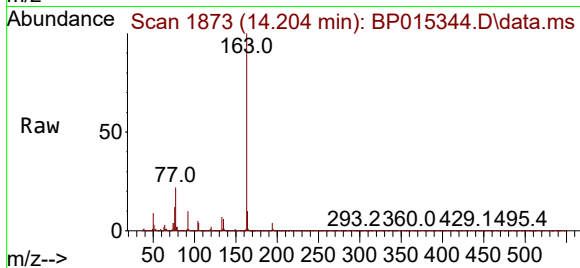
Tgt Ion:163 Resp: 1370643

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.8 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 40.068 ng/ul

RT: 14.334 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

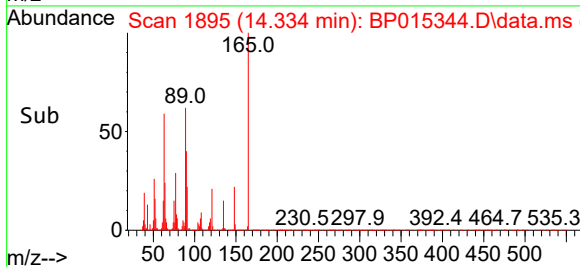
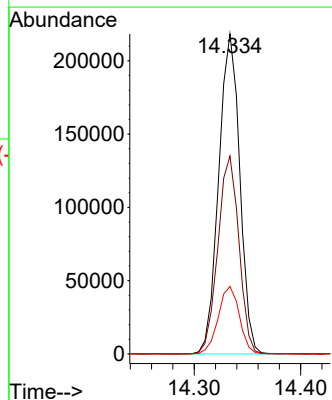
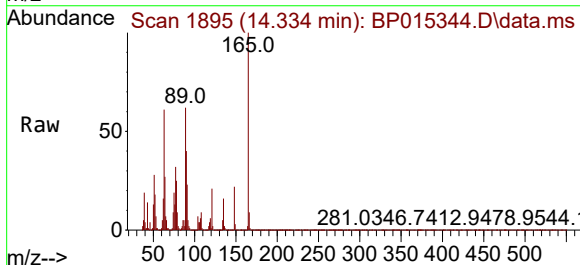
Tgt Ion:165 Resp: 299490

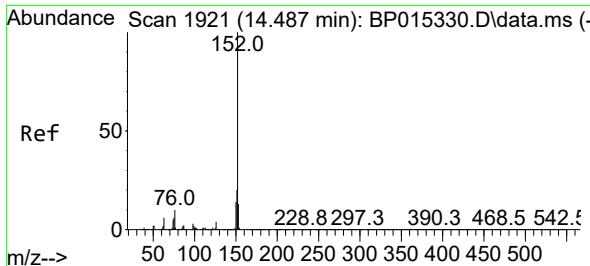
Ion Ratio Lower Upper

165 100

89 61.8 48.0 72.0

121 21.1 17.5 26.3

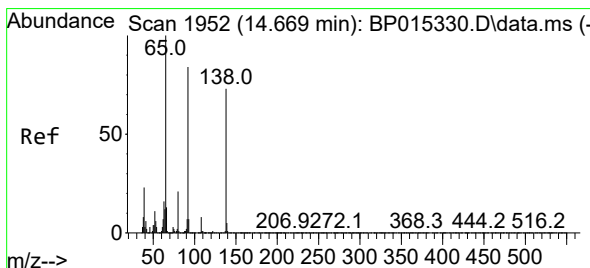
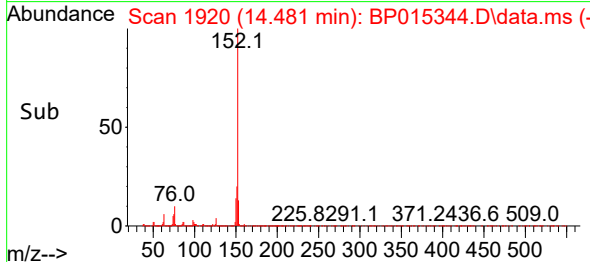
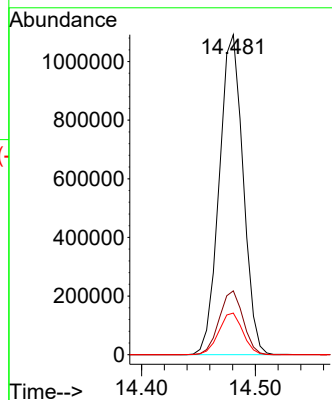
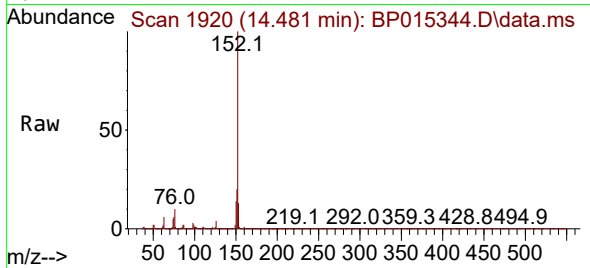




#50
Acenaphthylene
Concen: 34.481 ng/ul
RT: 14.481 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

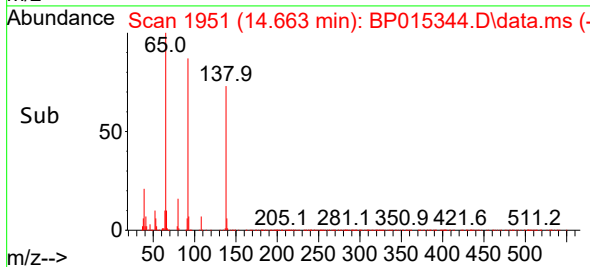
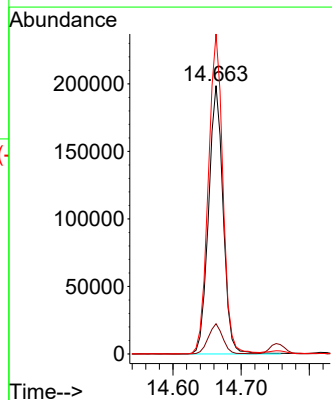
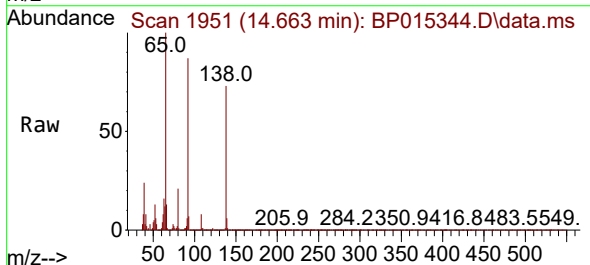
Instrument :
BNA_P
ClientSampleId :
SLCS103

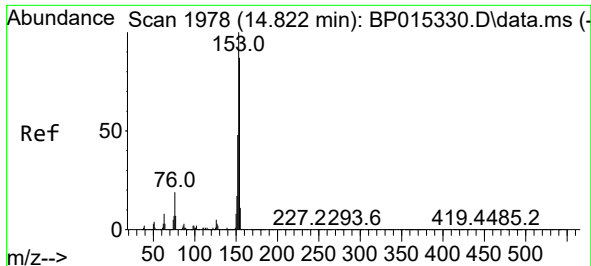
Tgt Ion:152 Resp: 1594063
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 43.807 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:138 Resp: 294847
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 119.3 93.4 140.0

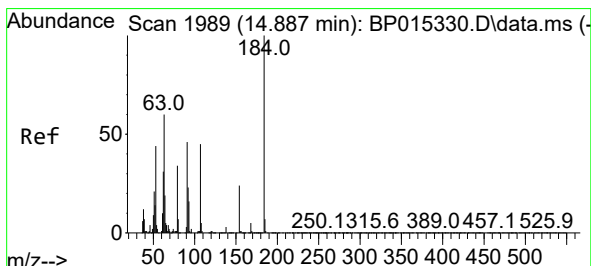
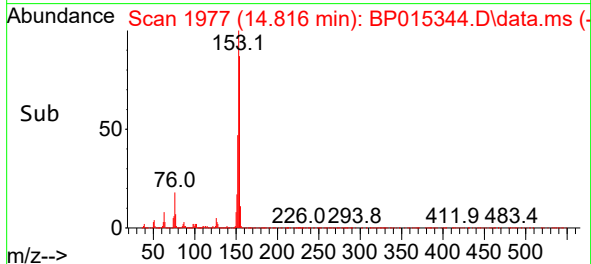
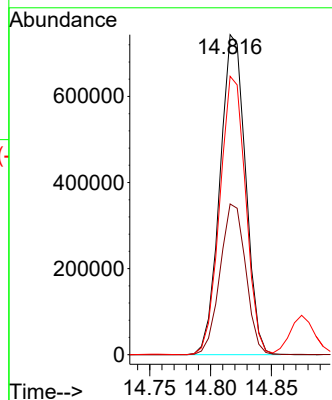
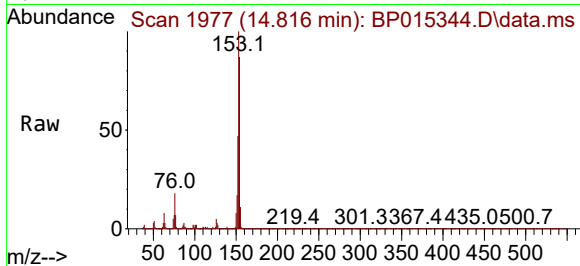




#52
Acenaphthene
Concen: 34.444 ng/ul
RT: 14.816 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

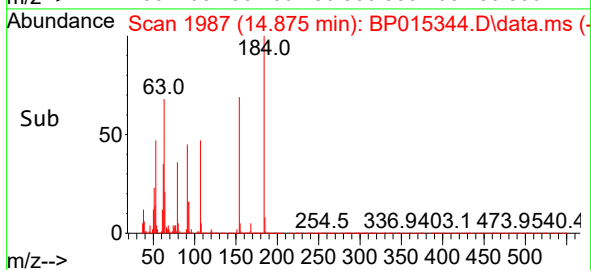
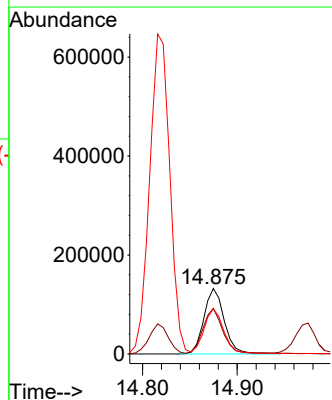
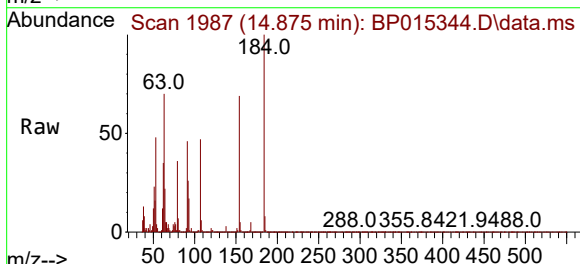
Instrument :
BNA_P
ClientSampleId :
SLCS103

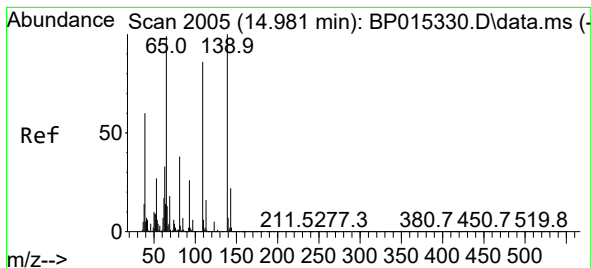
Tgt Ion:153 Resp: 1087576
Ion Ratio Lower Upper
153 100
152 47.1 38.0 57.0
154 87.0 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 39.727 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:184 Resp: 197161
Ion Ratio Lower Upper
184 100
63 69.7 49.7 74.5
154 69.2 47.5 71.3

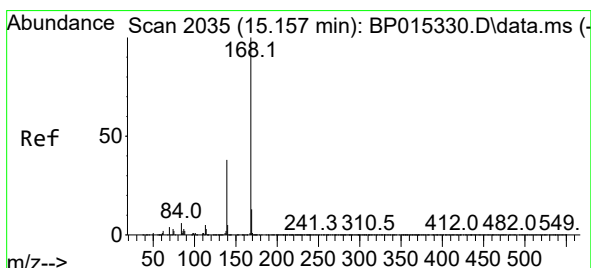
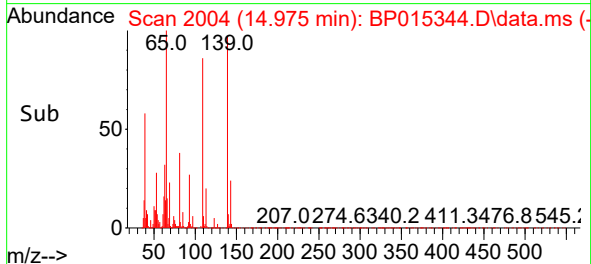
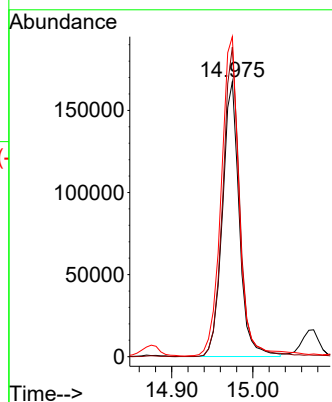
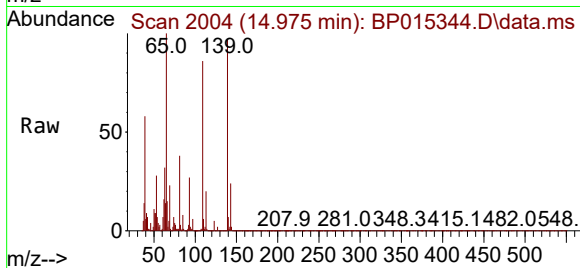




#55
4-Nitrophenol
Concen: 46.821 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

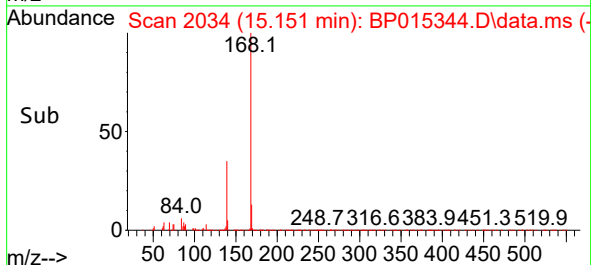
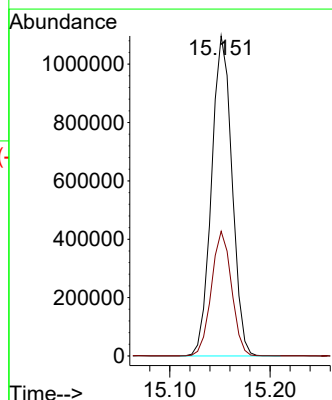
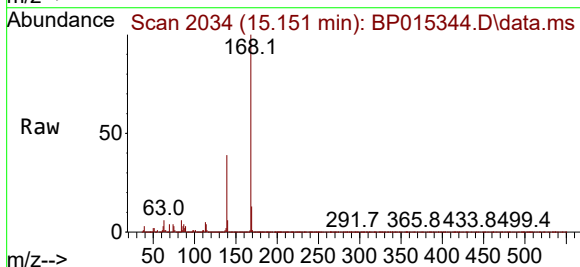
Instrument :
BNA_P
ClientSampleId :
SLCS103

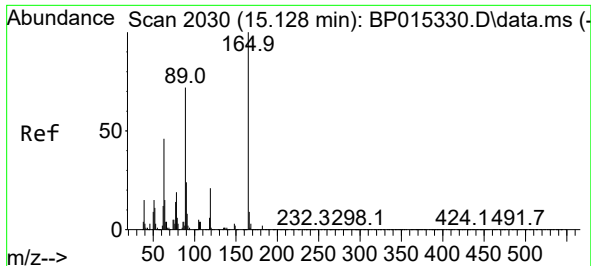
Tgt Ion:109 Resp: 242249
Ion Ratio Lower Upper
109 100
139 112.6 115.3 172.9#
65 116.4 107.9 161.9



#56
Dibenzofuran
Concen: 35.443 ng/ul
RT: 15.151 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:168 Resp: 1556585
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0

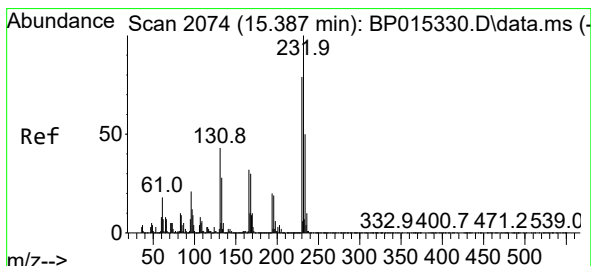
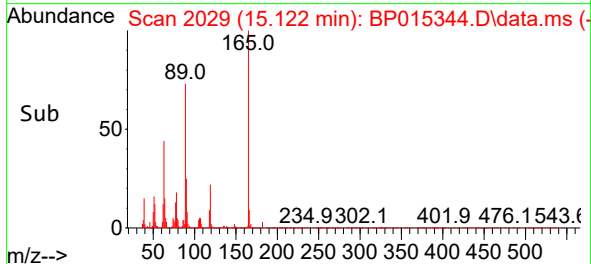
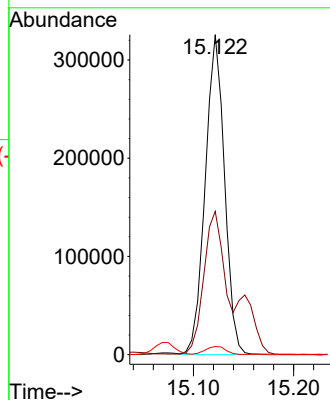
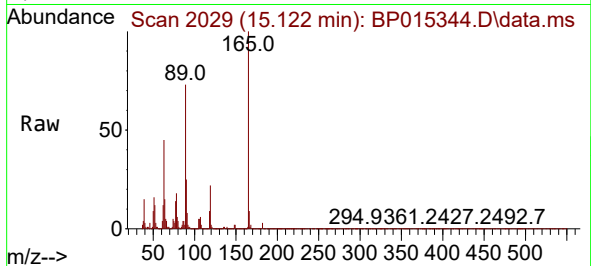




#57
2,4-Dinitrotoluene
Concen: 40.370 ng/ul
RT: 15.122 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

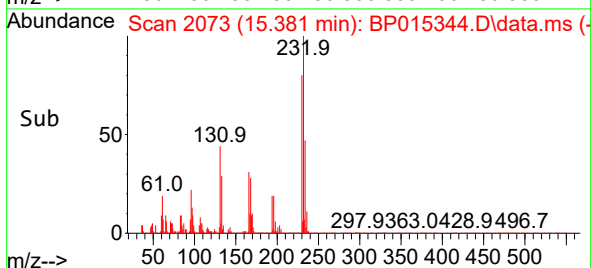
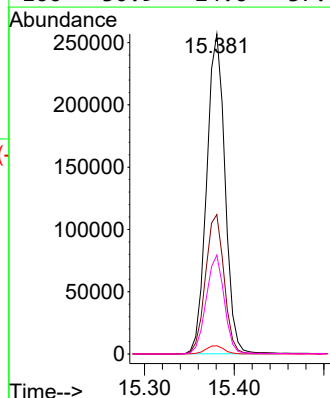
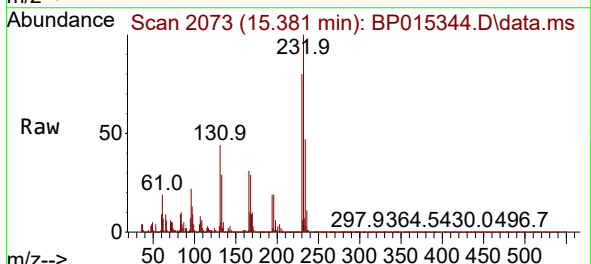
Instrument :
BNA_P
ClientSampleId :
SLCS103

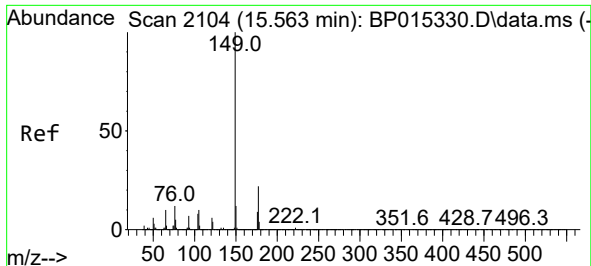
Tgt Ion:165 Resp: 436638
Ion Ratio Lower Upper
165 100
63 44.8 33.1 49.7
182 2.5 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.353 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:232 Resp: 364600
Ion Ratio Lower Upper
232 100
131 43.6 36.8 55.2
130 2.6 1.9 2.9
166 30.9 24.6 37.0

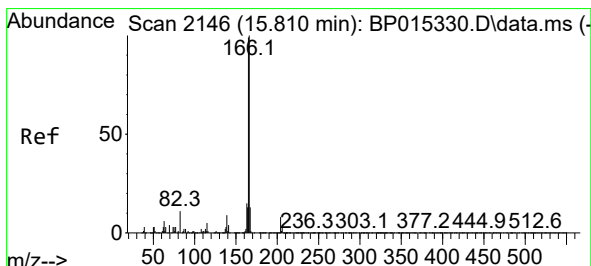
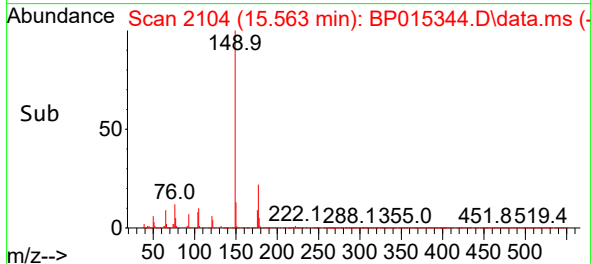
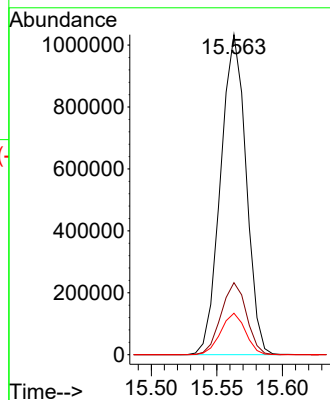
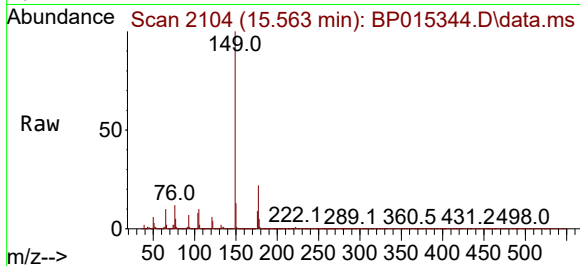




#59
Diethylphthalate
Concen: 37.164 ng/ul
RT: 15.563 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

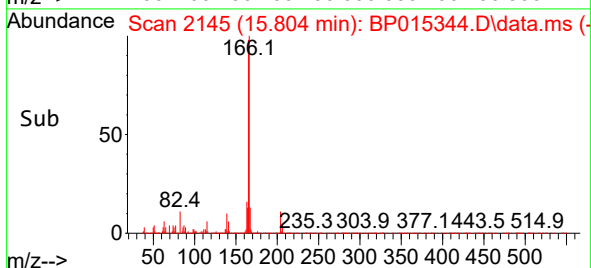
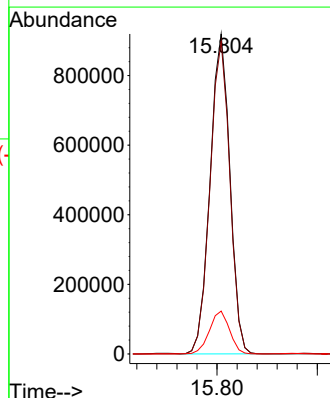
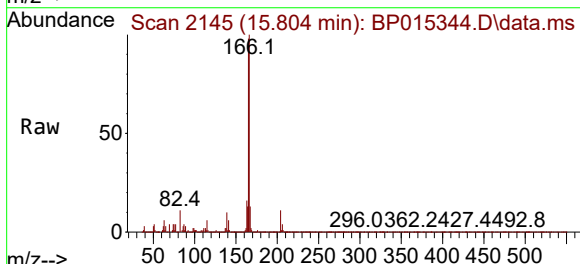
Instrument :
BNA_P
ClientSampleId :
SLCS103

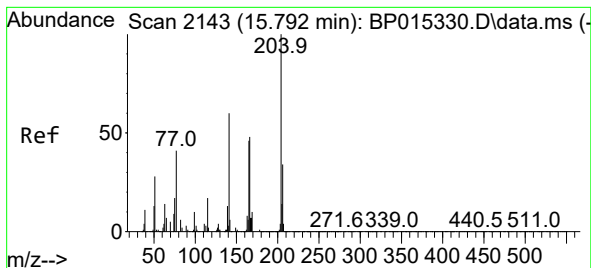
Tgt Ion:149 Resp: 1398470
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 13.0 9.8 14.8



#61
Fluorene
Concen: 35.757 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:166 Resp: 1261983
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.6
167 13.4 10.6 15.8

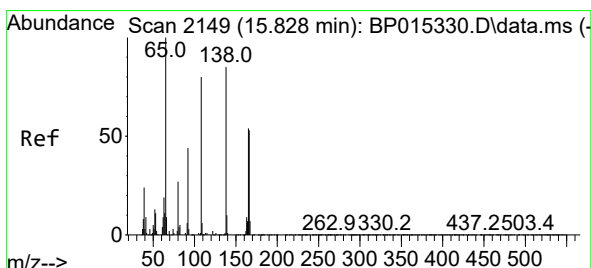
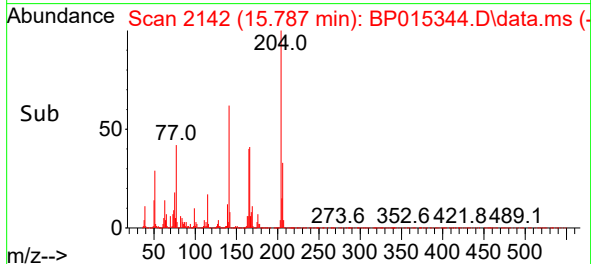
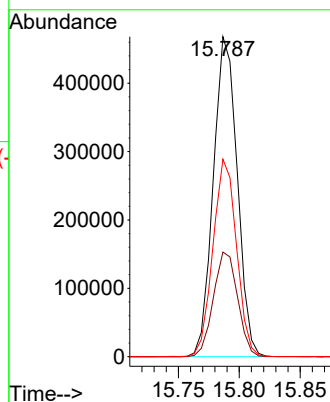
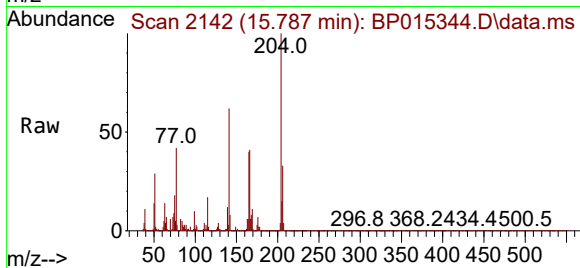




#62
4-Chlorophenyl-phenylether
Concen: 37.078 ng/ul
RT: 15.787 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

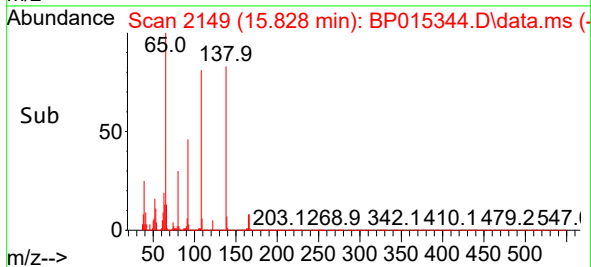
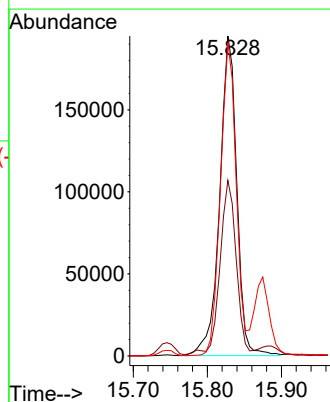
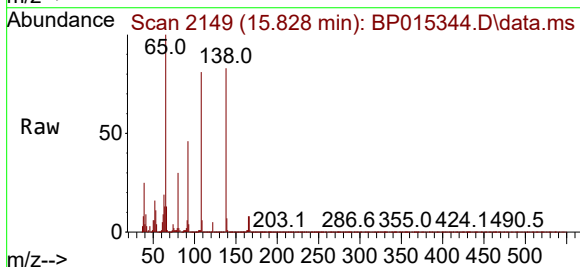
Instrument :
BNA_P
ClientSampleId :
SLCS103

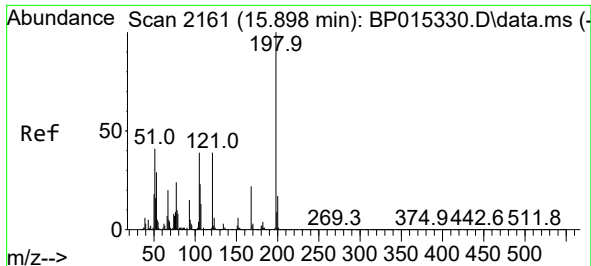
Tgt Ion:204 Resp: 639400
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 61.7 44.5 66.7



#63
4-Nitroaniline
Concen: 53.900 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:138 Resp: 313278
Ion Ratio Lower Upper
138 100
92 54.8 41.2 61.8
108 97.9 60.1 90.1#

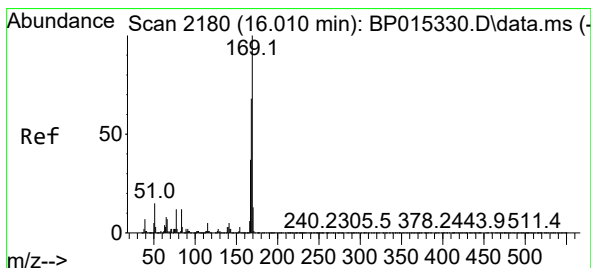
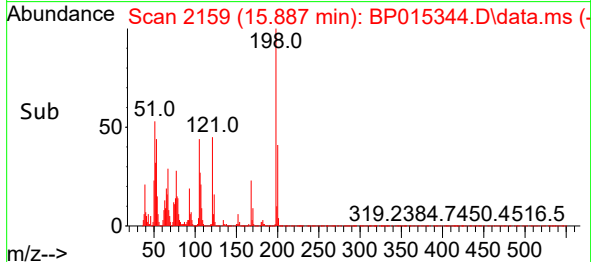
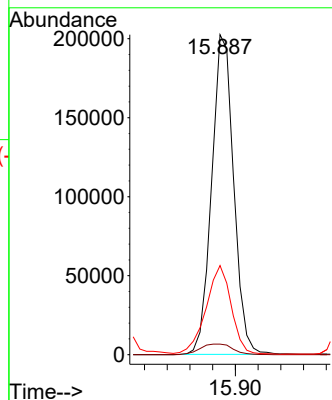
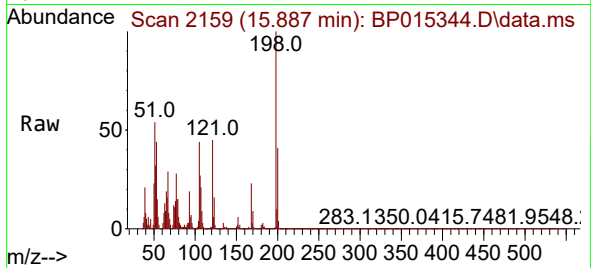




#66
4,6-Dinitro-2-methylphenol
Concen: 36.920 ng/ul
RT: 15.887 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

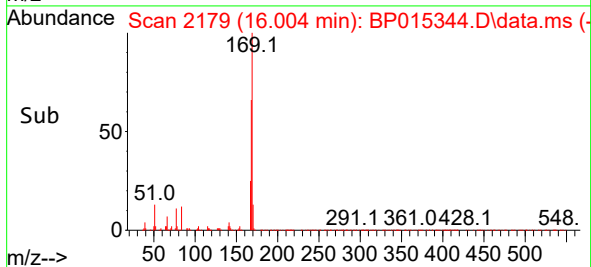
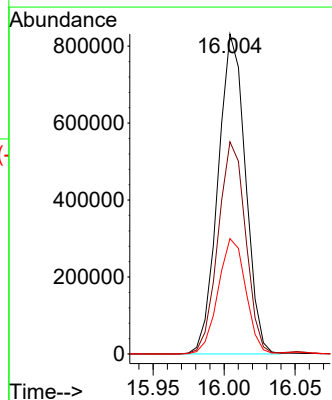
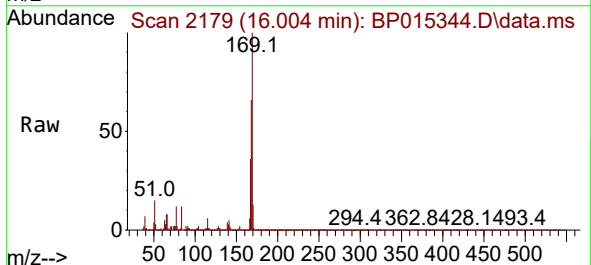
Instrument :
BNA_P
ClientSampleId :
SLCS103

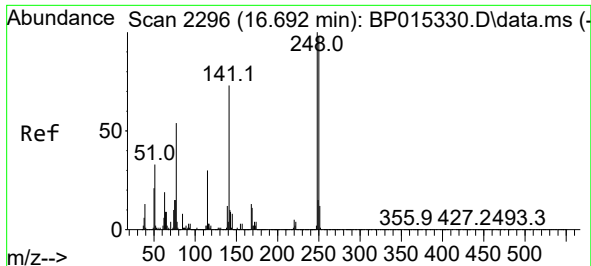
Tgt Ion:198 Resp: 271812
Ion Ratio Lower Upper
198 100
182 3.3 3.7 5.5#
77 27.8 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 33.539 ng/ul
RT: 16.004 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:169 Resp: 1116307
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.1 28.9 43.3

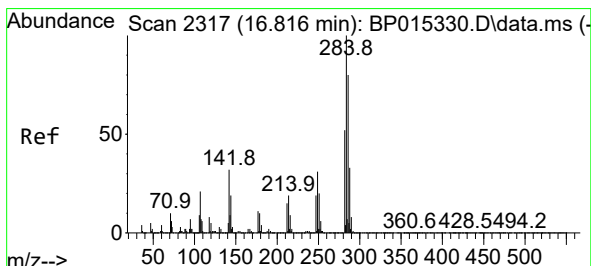
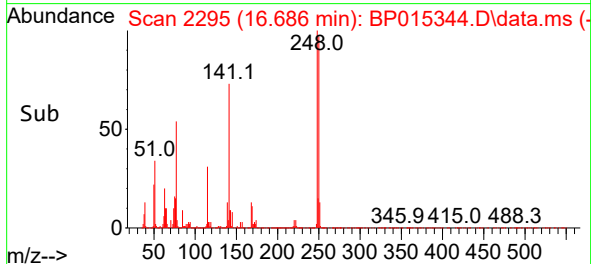
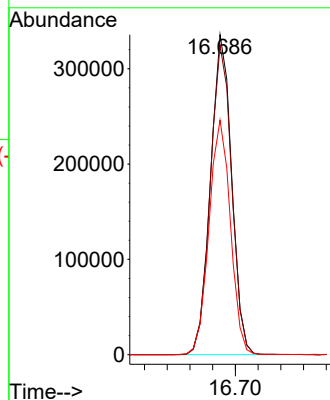
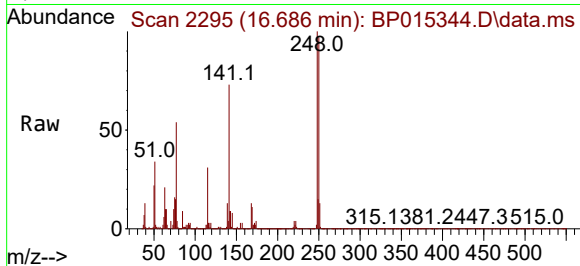




#68
4-Bromophenyl-phenylether
Concen: 37.205 ng/ul
RT: 16.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

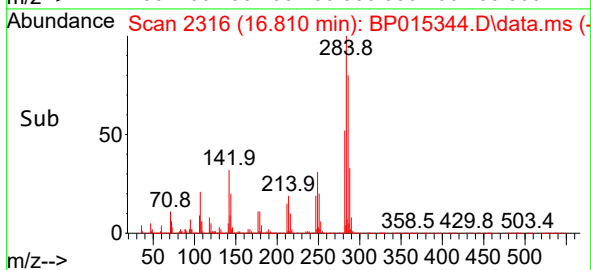
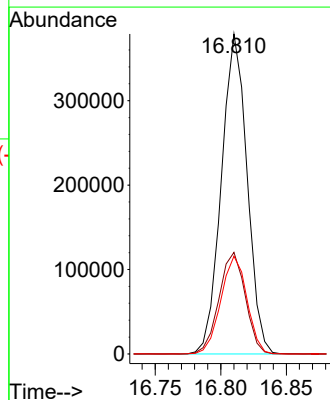
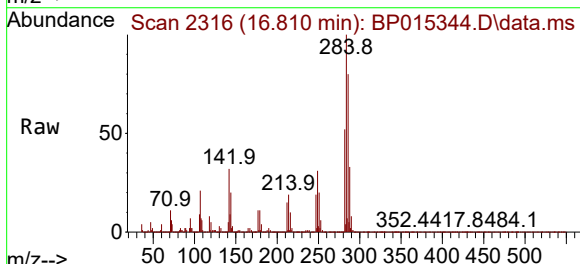
Instrument :
BNA_P
ClientSampleId :
SLCS103

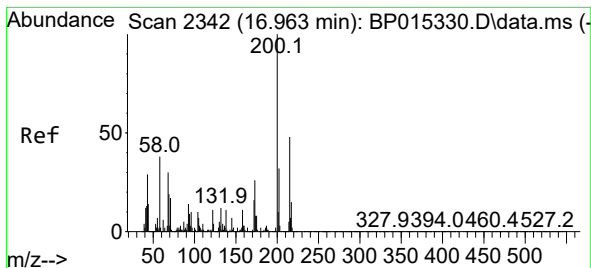
Tgt Ion:248 Resp: 433776
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.4
141 73.3 58.6 87.8



#69
Hexachlorobenzene
Concen: 37.480 ng/ul
RT: 16.810 min Scan# 2316
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:284 Resp: 516405
Ion Ratio Lower Upper
284 100
142 31.8 27.3 40.9
249 30.5 24.6 36.8





#70

Atrazine

Concen: 30.602 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

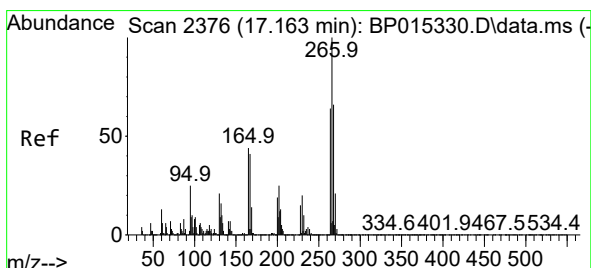
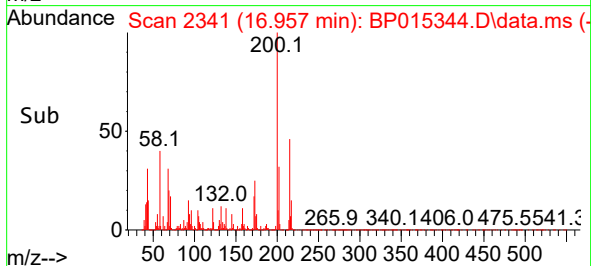
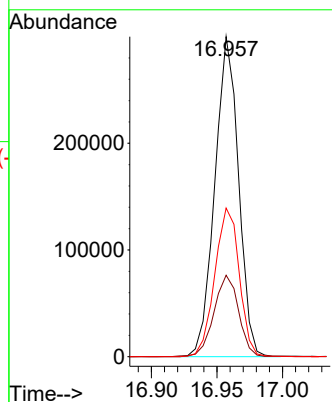
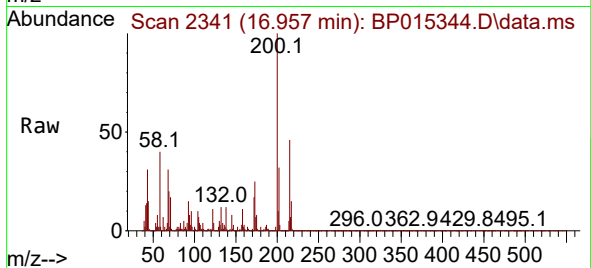
Tgt Ion:200 Resp: 376473

Ion Ratio Lower Upper

200 100

173 25.5 21.4 32.2

215 46.5 38.1 57.1



#71

Pentachlorophenol

Concen: 37.214 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

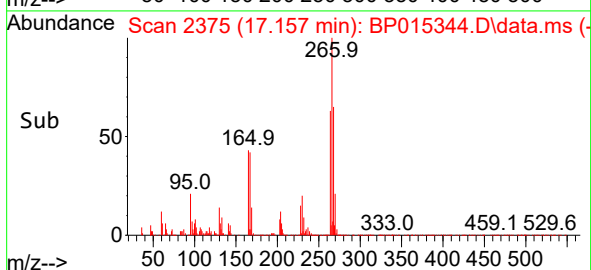
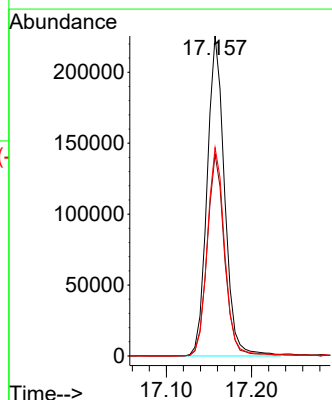
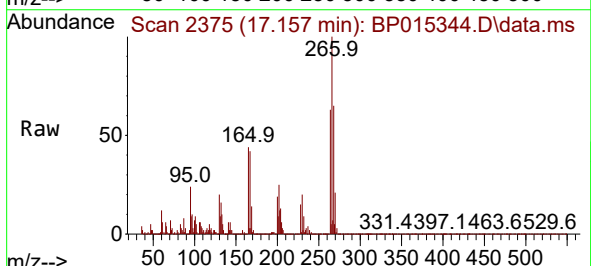
Tgt Ion:266 Resp: 320730

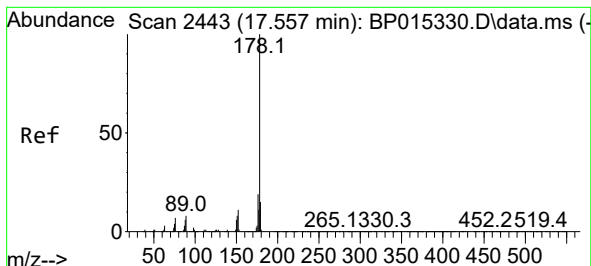
Ion Ratio Lower Upper

266 100

264 63.0 51.0 76.4

268 65.1 51.8 77.6





#72

Phenanthrene

Concen: 34.280 ng/ul

RT: 17.551 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

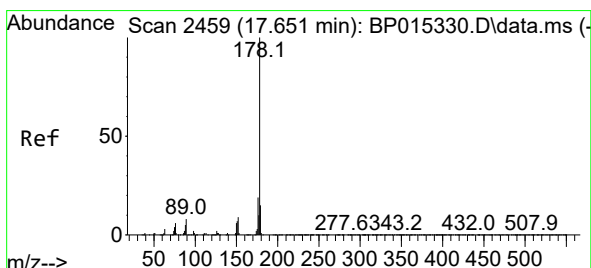
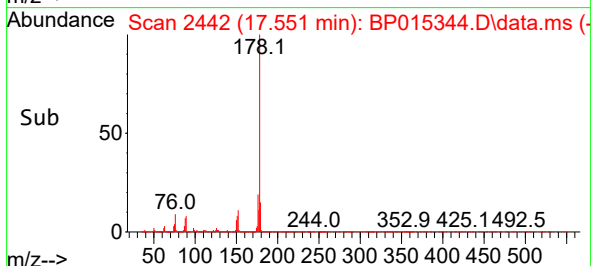
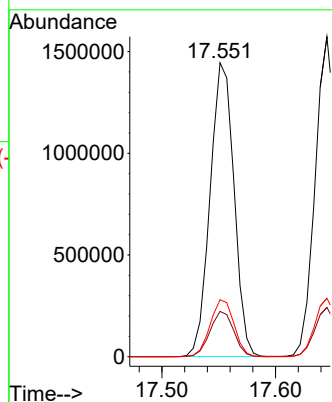
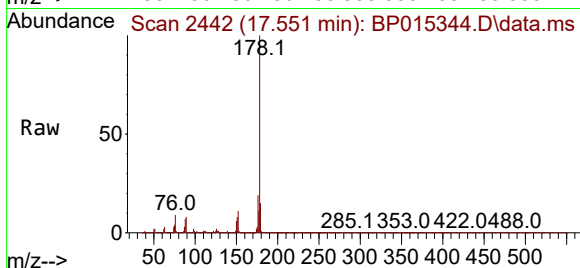
Tgt Ion:178 Resp: 2112939

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.4 15.6 23.4



#74

Anthracene

Concen: 33.928 ng/ul

RT: 17.645 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

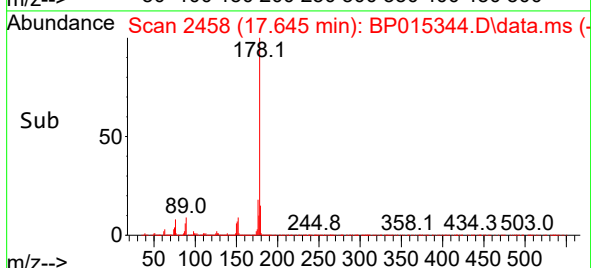
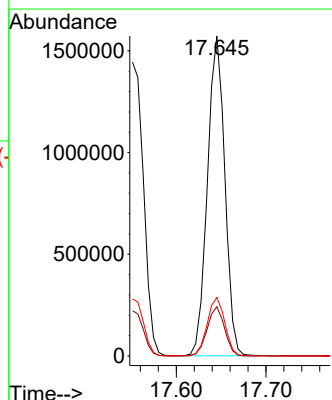
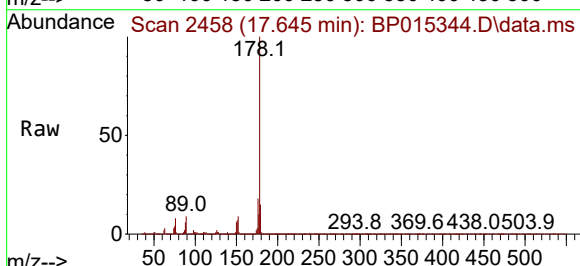
Tgt Ion:178 Resp: 2114731

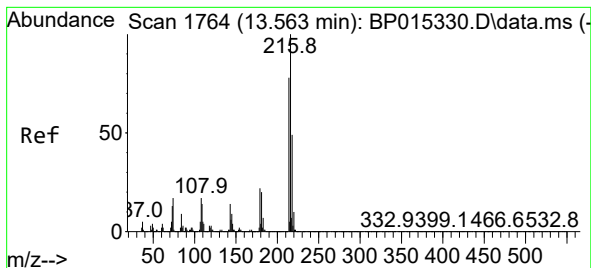
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.3 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.057 ng/uL

RT: 13.557 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

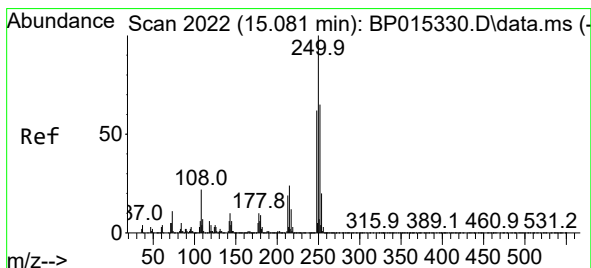
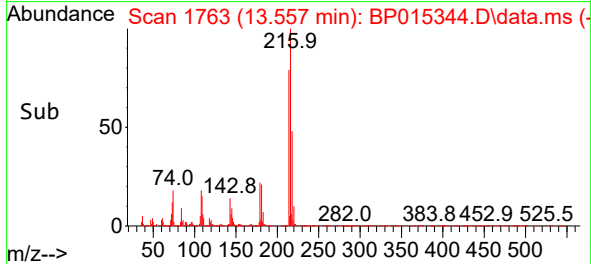
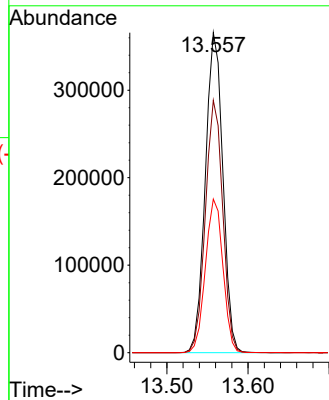
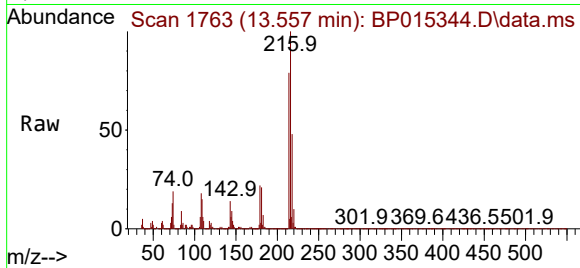
Tgt Ion:216 Resp: 546576

Ion Ratio Lower Upper

216 100

214 78.9 62.2 93.4

218 48.0 38.2 57.2



#76

Pentachlorobenzene

Concen: 34.301 ng/uL

RT: 15.075 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

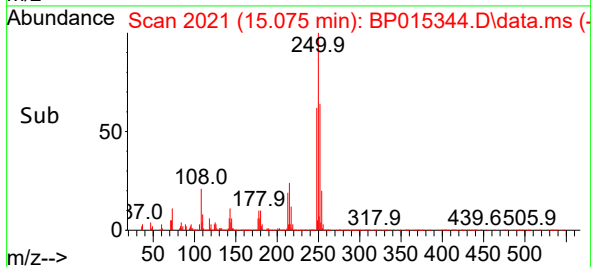
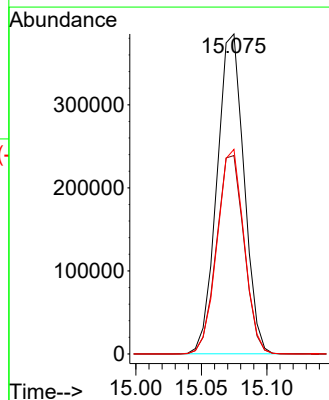
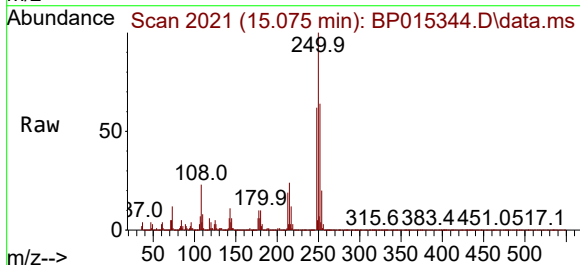
Tgt Ion:250 Resp: 552740

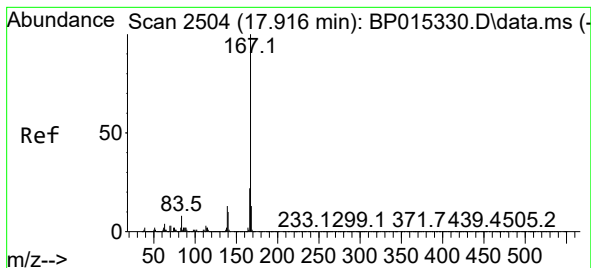
Ion Ratio Lower Upper

250 100

248 62.0 49.8 74.6

252 63.9 51.6 77.4





#77

Carbazole

Concen: 36.104 ng/ul

RT: 17.910 min Scan# 2503

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

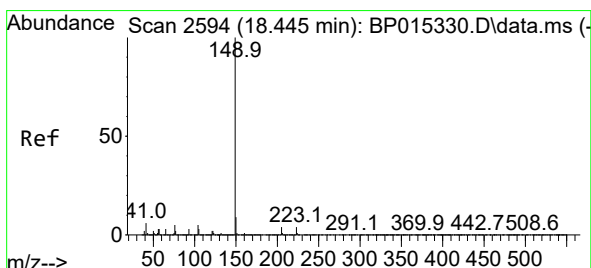
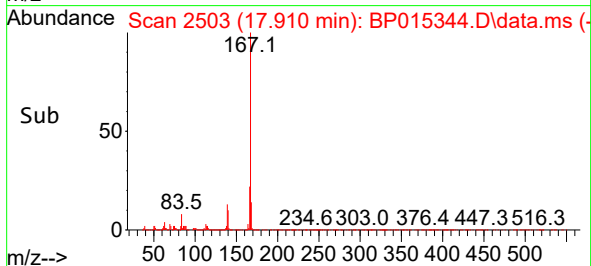
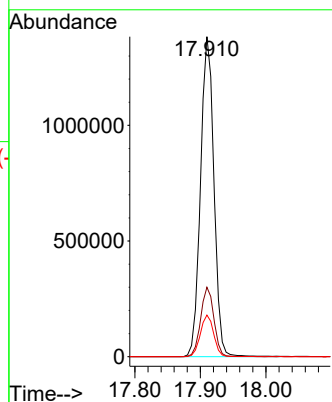
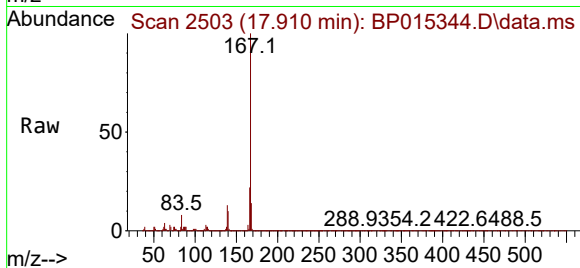
Tgt Ion:167 Resp: 1973246

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 35.127 ng/ul

RT: 18.439 min Scan# 2593

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

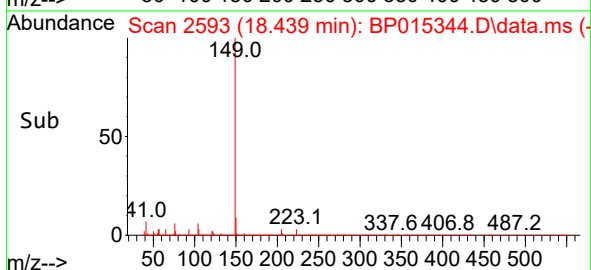
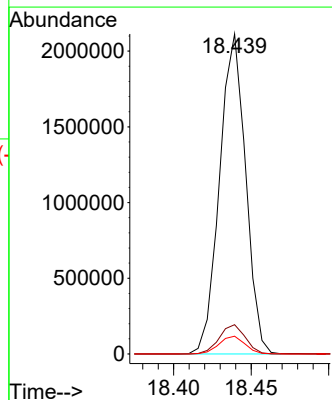
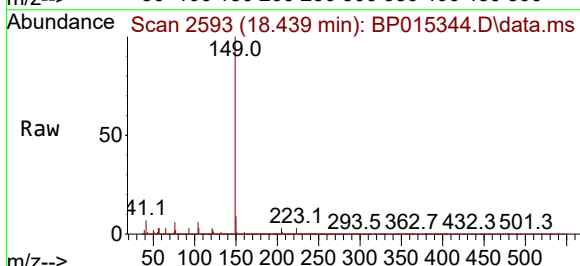
Tgt Ion:149 Resp: 2472361

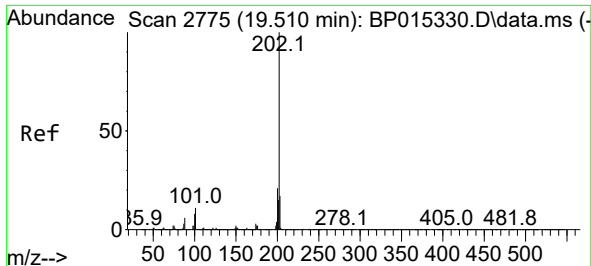
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.5 3.9 5.9

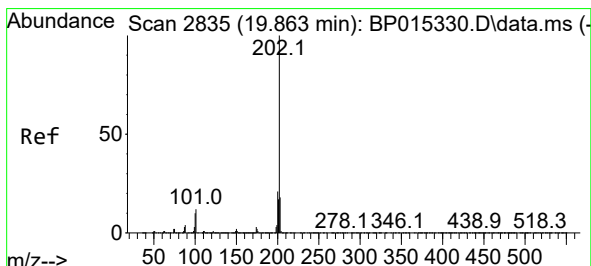
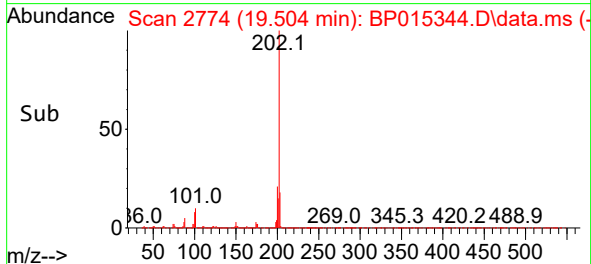
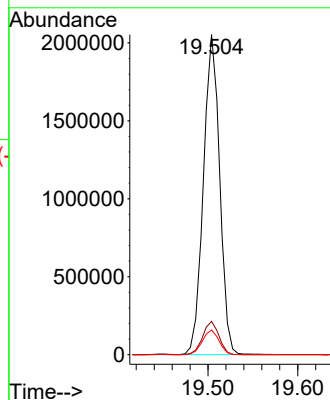
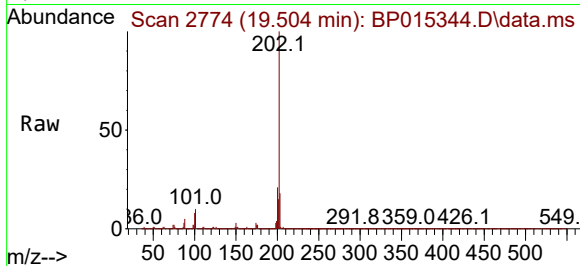




#80
Fluoranthene
Concen: 33.435 ng/ul
RT: 19.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

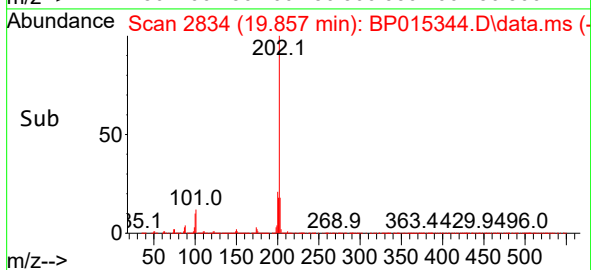
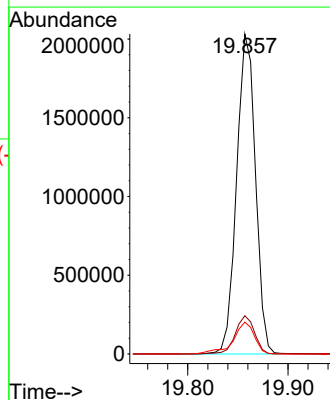
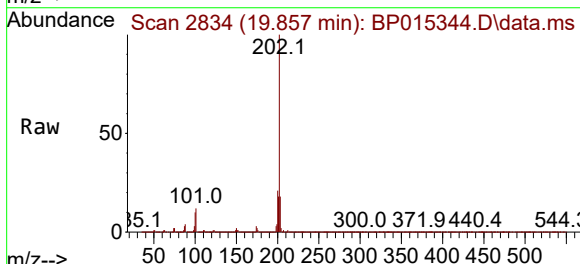
Instrument :
BNA_P
ClientSampleId :
SLCS103

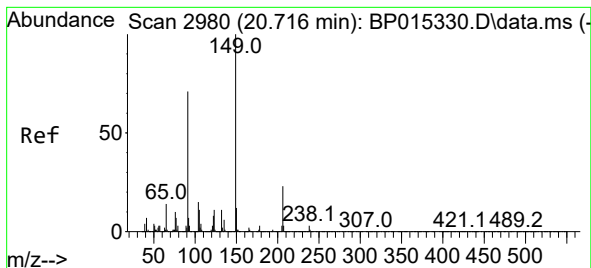
Tgt Ion:202 Resp: 2579667
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 7.7 7.3 10.9



#82
Pyrene
Concen: 33.413 ng/ul
RT: 19.857 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:202 Resp: 2662196
Ion Ratio Lower Upper
202 100
101 11.9 11.2 16.8
100 10.0 9.0 13.6





#83

Butylbenzylphthalate

Concen: 34.031 ng/ul

RT: 20.710 min Scan# 2980

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

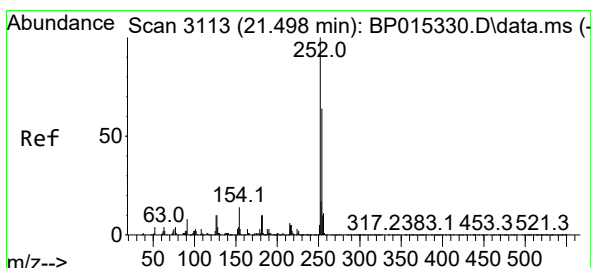
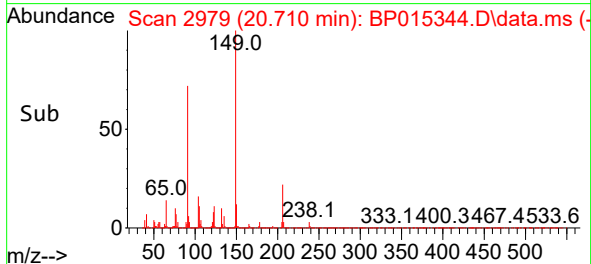
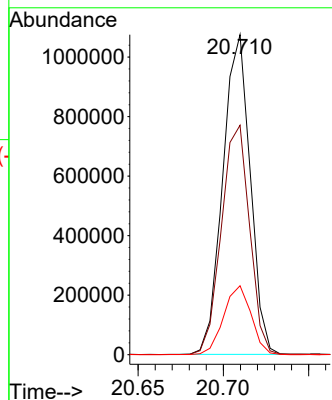
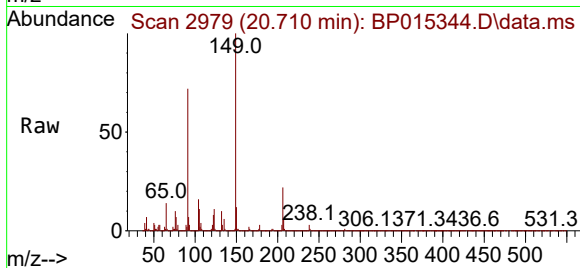
Tgt Ion:149 Resp: 1202050

Ion Ratio Lower Upper

149 100

91 71.7 57.4 86.2

206 21.6 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 41.706 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

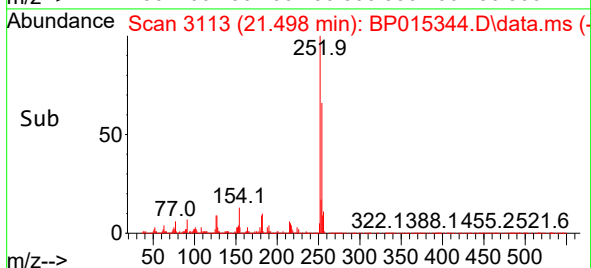
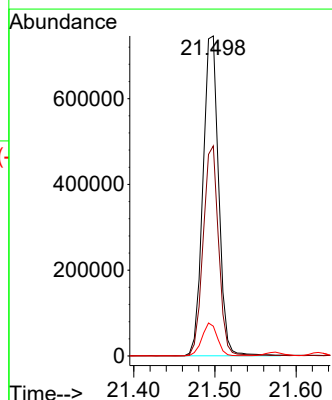
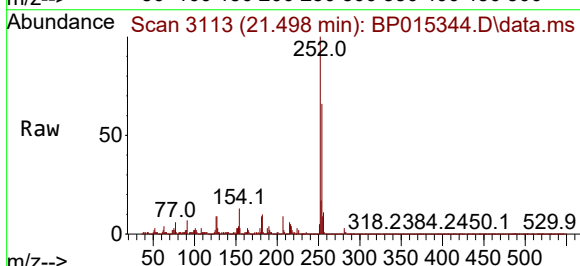
Tgt Ion:252 Resp: 999746

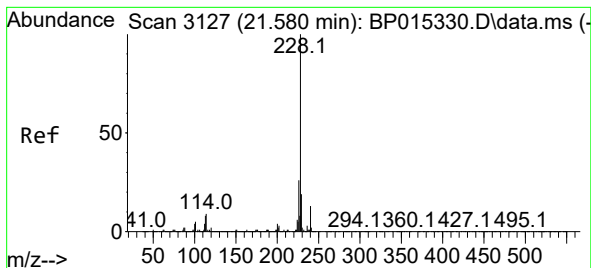
Ion Ratio Lower Upper

252 100

254 65.6 50.8 76.2

126 9.3 9.8 14.8#





#85

Benzo(a)anthracene

Concen: 35.270 ng/ul

RT: 21.574 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

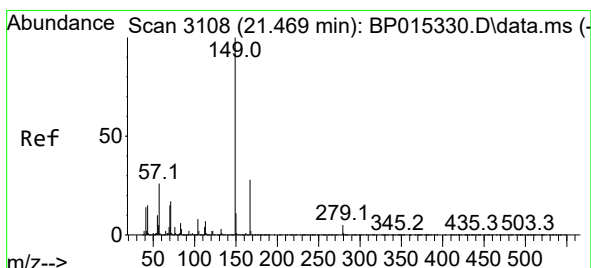
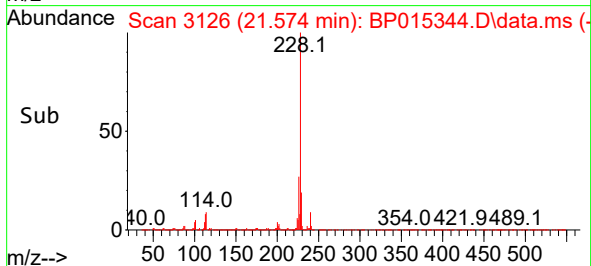
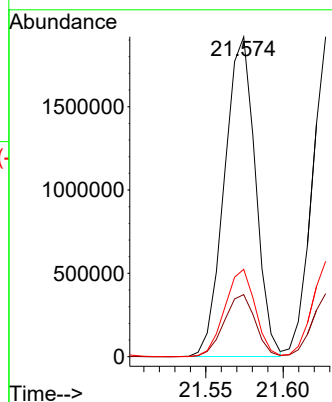
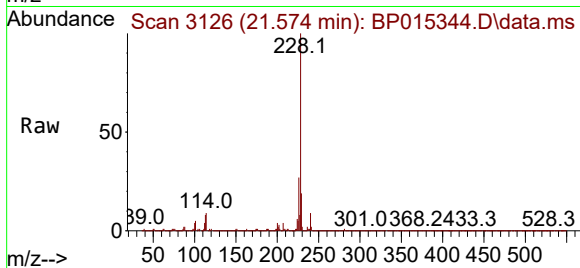
Tgt Ion:228 Resp: 2661758

Ion Ratio Lower Upper

228 100

229 19.4 16.1 24.1

226 27.3 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.103 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

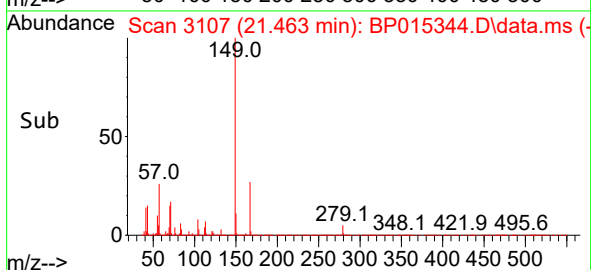
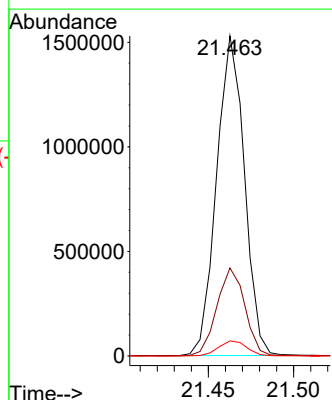
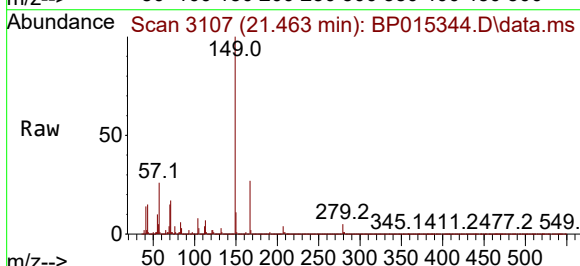
Tgt Ion:149 Resp: 1734232

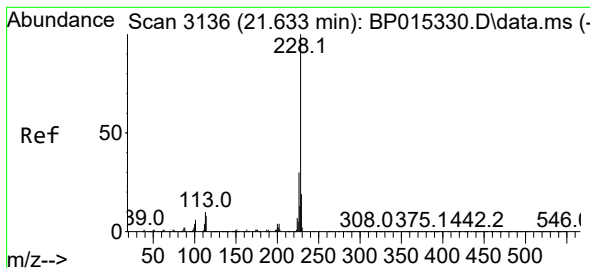
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.7 3.2 4.8





#87

Chrysene

Concen: 34.992 ng/ul

RT: 21.627 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

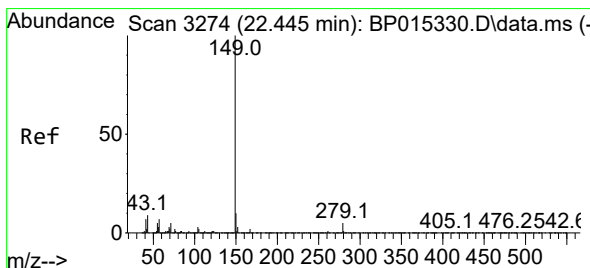
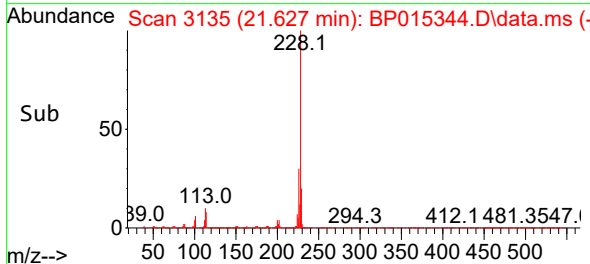
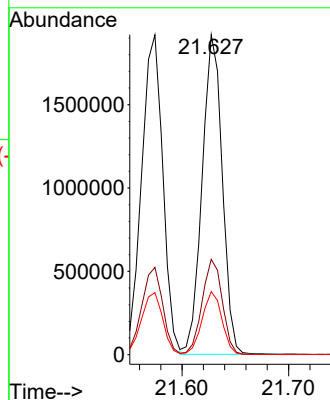
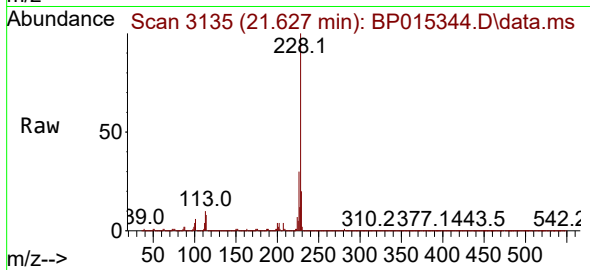
Tgt Ion:228 Resp: 2524423

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 19.7 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 34.332 ng/ul

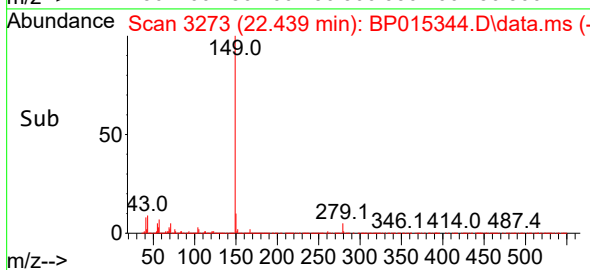
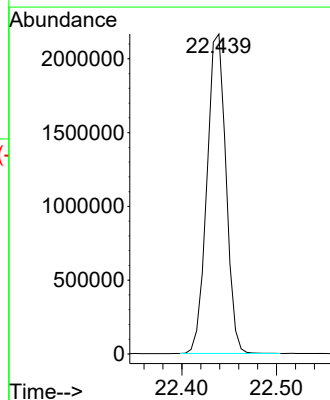
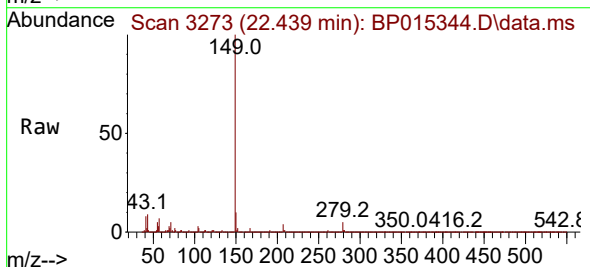
RT: 22.439 min Scan# 3273

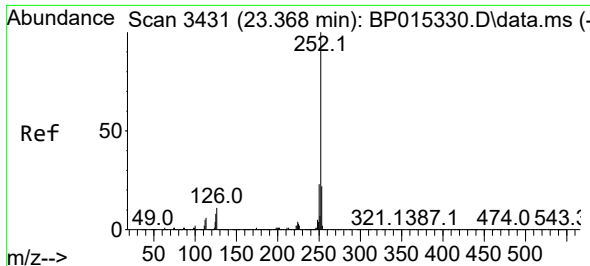
Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Tgt Ion:149 Resp: 3026991

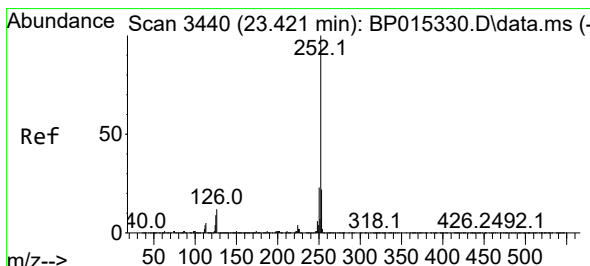
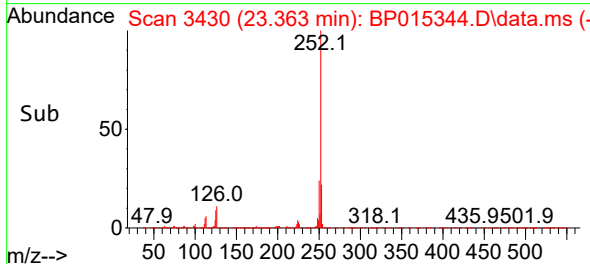
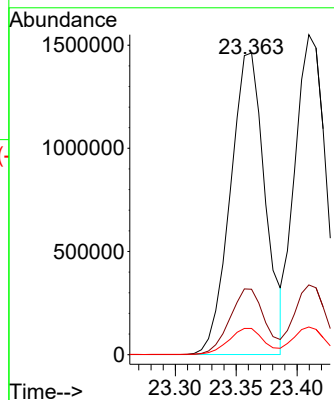
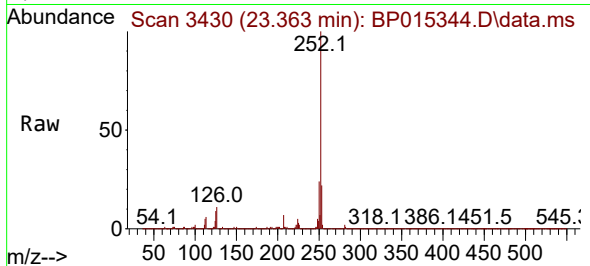




#90
Benzo(b)fluoranthene
Concen: 35.581 ng/ul
RT: 23.363 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

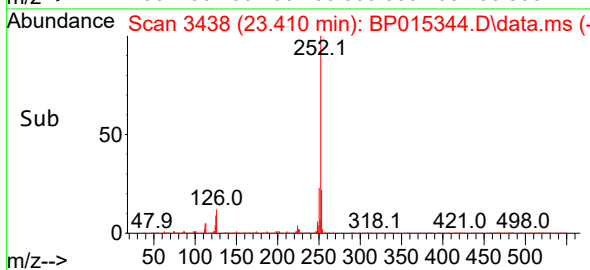
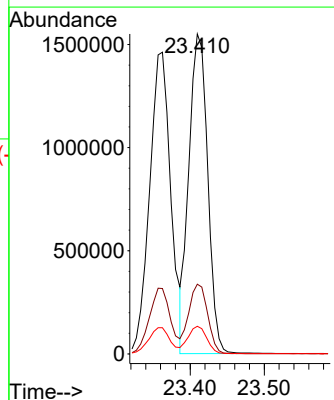
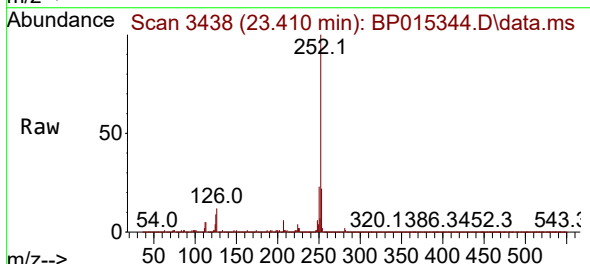
Instrument :
BNA_P
ClientSampleId :
SLCS103

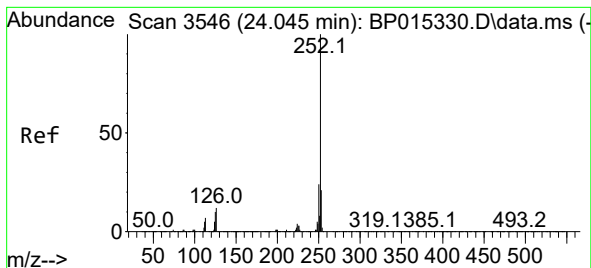
Tgt Ion:252 Resp: 2903812
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.7 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 34.948 ng/ul
RT: 23.410 min Scan# 3438
Delta R.T. -0.012 min
Lab File: BP015344.D
Acq: 30 May 2023 20:30

Tgt Ion:252 Resp: 2738689
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.7 8.5 12.7





#93

Benzo(a)pyrene

Concen: 34.649 ng/ul

RT: 24.039 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

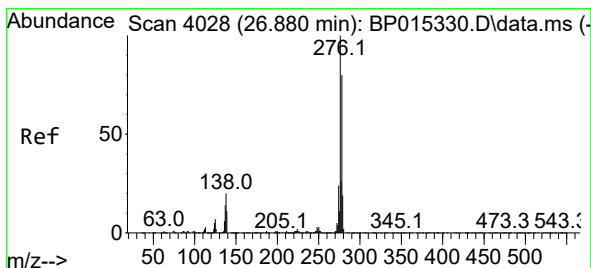
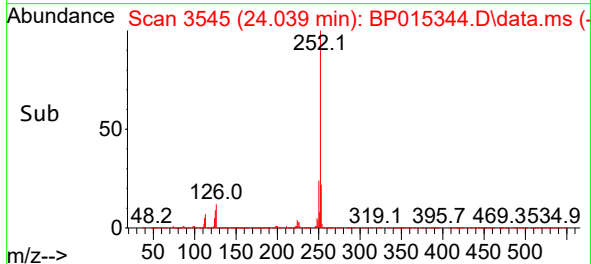
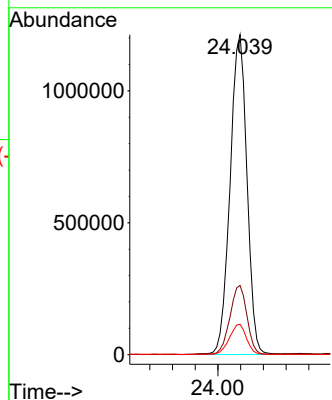
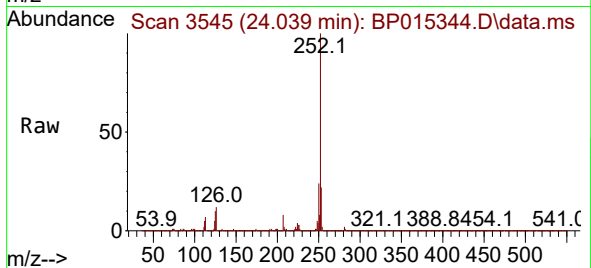
Tgt Ion:252 Resp: 2499447

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.5 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.615 ng/ul

RT: 26.862 min Scan# 4025

Delta R.T. -0.018 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

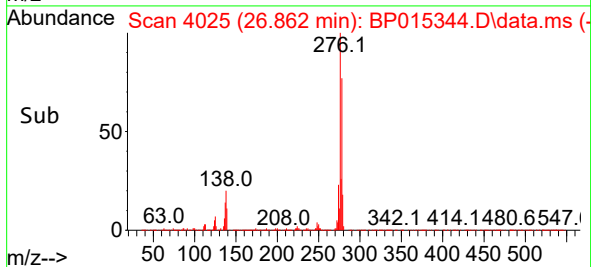
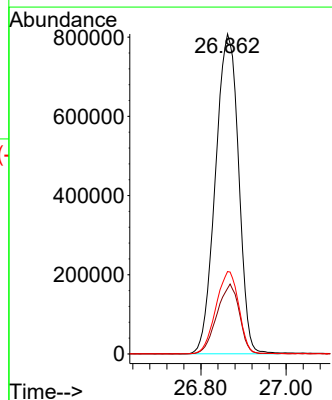
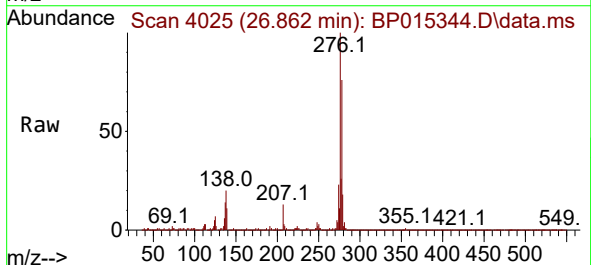
Tgt Ion:276 Resp: 3046289

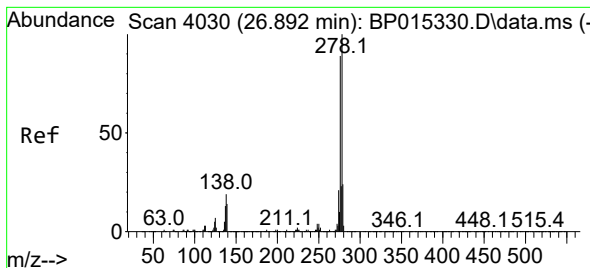
Ion Ratio Lower Upper

276 100

138 20.5 20.1 30.1

277 25.7 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 33.077 ng/ul

RT: 26.880 min Scan# 4030

Delta R.T. -0.012 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS103

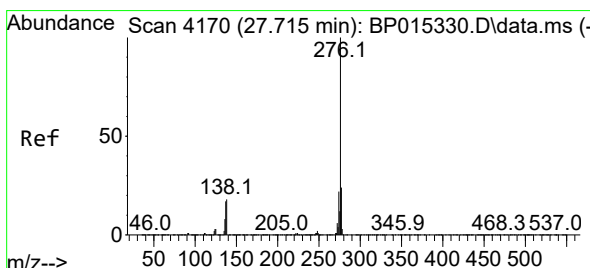
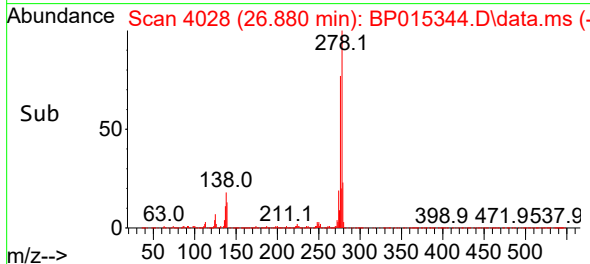
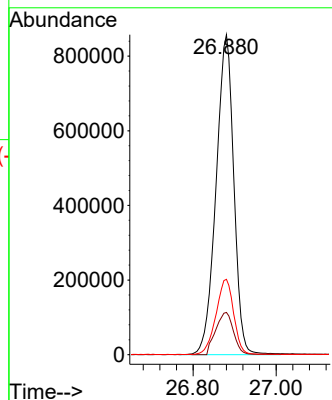
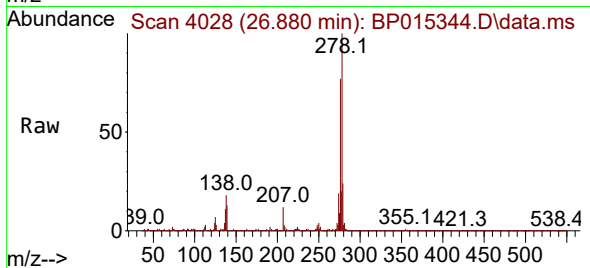
Tgt Ion:278 Resp: 2536129

Ion Ratio Lower Upper

278 100

139 13.2 13.3 19.9#

279 23.5 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 31.865 ng/ul

RT: 27.704 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BP015344.D

Acq: 30 May 2023 20:30

Tgt Ion:276 Resp: 2426971

Ion Ratio Lower Upper

276 100

138 17.8 17.7 26.5

277 24.0 18.8 28.2

