

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019195.D
 Acq On : 30 Dec 2023 08:19
 Operator : MA/JU
 Sample : PB158073BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS073

Quant Time: Jan 01 00:20:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	255535	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	957957	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	579221	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1346431	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1490420	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1791015	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	38020	5.081	ng/uL	0.00
4) Pyridine-d5	3.652	84	499252	26.585	ng/u1	0.00
7) Phenol-d5	6.975	99	567435	24.762	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	334220	25.211	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	449689	24.341	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	428102	23.996	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	206527	24.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	223129	24.932	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	453308	25.083	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	560356	25.208	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1245429	24.343	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1431387	25.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	235199	27.224	ng/u1	0.00
60) Fluorene-d10	15.439	176	1094517	24.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	226481	25.658	ng/u1	0.00
73) Anthracene-d10	17.298	188	1745928	24.830	ng/u1	0.00
81) Pyrene-d10	19.545	212	2281172	25.114	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	2605598	25.310	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	76620	9.314	ng/uL	98
5) Pyridine	3.669	79	501130	26.289	ng/u1	96
6) Benzaldehyde	6.945	77	297180	27.931	ng/u1	96
8) Phenol	7.004	94	575041	25.406	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	461592	25.205	ng/u1	98
12) 2-Chlorophenol	7.363	128	464157	24.548	ng/u1	98
13) 2-Methylphenol	8.251	108	416115	24.852	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	546715	25.306	ng/u1	99
16) Acetophenone	8.628	105	671169	25.118	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.616	70	313932	23.561	ng/u1	98
18) 4-Methylphenol	8.581	108	450071	24.972	ng/u1	99
19) Hexachloroethane	8.869	117	200036	25.222	ng/u1	99
22) Nitrobenzene	9.004	77	499618	24.695	ng/u1	99
23) Isophorone	9.534	82	901077	24.699	ng/u1	99
25) 2-Nitrophenol	9.716	139	242756	25.404	ng/u1	99
26) 2,4-Dimethylphenol	9.781	107	399765	23.763	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.016	93	591311	24.523	ng/u1	98
29) 2,4-Dichlorophenol	10.245	162	434584	24.608	ng/u1	99
30) Naphthalene	10.645	128	1389812	24.063	ng/u1	100
32) 4-Chloroaniline	10.763	127	507110	23.774	ng/u1	99
33) Hexachlorobutadiene	10.922	225	326331	24.010	ng/u1	98
34) Caprolactam	11.557	113	71858	15.404	ng/u1	97
35) 4-Chloro-3-methylphenol	11.898	107	436720	25.192	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	945452	24.279	ng/u1	99

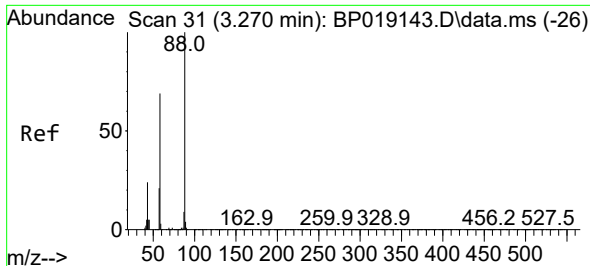
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	931717	23.727	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	588603	24.674	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	311474	23.523	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	366302	25.730	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	394510	26.105	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1228662	24.317	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	999739	24.659	ng/ul	99
45) 2-Nitroaniline	13.533	65	258346	26.543	ng/ul	98
47) Dimethylphthalate	13.910	163	1244949	24.651	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	252126	27.169	ng/ul	93
50) Acenaphthylene	14.163	152	1598926	25.600	ng/ul	100
51) 3-Nitroaniline	14.363	138	244391	26.938	ng/ul	99
52) Acenaphthene	14.504	153	1054011	24.899	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	140328	23.472	ng/ul	96
55) 4-Nitrophenol	14.674	109	184543	26.728	ng/ul	95
56) Dibenzofuran	14.845	168	1483091	24.534	ng/ul	99
57) 2,4-Dinitrotoluene	14.821	165	378220	27.712	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	341993	25.901	ng/ul	99
59) Diethylphthalate	15.274	149	1210715	24.726	ng/ul	99
61) Fluorene	15.492	166	1205304	24.911	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	642278	24.307	ng/ul	98
63) 4-Nitroaniline	15.527	138	237257	25.993	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.586	198	245244	26.241	ng/ul	97
67) N-Nitrosodiphenylamine	15.710	169	1035256	25.193	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	418981	25.036	ng/ul	99
69) Hexachlorobenzene	16.498	284	502039	24.548	ng/ul	100
70) Atrazine	16.668	200	378945	32.676	ng/ul	99
71) Pentachlorophenol	16.851	266	309953	25.813	ng/ul	98
72) Phenanthrene	17.239	178	2025999	24.830	ng/ul	99
74) Anthracene	17.333	178	2055104	25.299	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	569630	24.332	ng/uL	98
76) Pentachlorobenzene	14.763	250	559957	24.071	ng/uL	98
77) Carbazole	17.610	167	1880103	27.825	ng/ul	100
78) Di-n-butylphthalate	18.168	149	2113498	25.221	ng/ul	100
80) Fluoranthene	19.215	202	2622961	25.165	ng/ul	99
82) Pyrene	19.574	202	2735071	25.046	ng/ul	99
83) Butylbenzylphthalate	20.456	149	1010037	25.893	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	961448	25.787	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2999138	25.469	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	1458204	25.387	ng/ul	100
87) Chrysene	21.339	228	2789613	25.405	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2580735	25.198	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	3127346	24.859	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	3142660	25.422	ng/ul	100
93) Benzo(a)pyrene	23.562	252	3013652	25.452	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.121	276	3848184	25.352	ng/ul	98
95) Dibenzo(a,h)anthracene	26.139	278	3190637	25.268	ng/ul	100
96) Benzo(g,h,i)perylene	26.874	276	3110818	25.574	ng/ul	100

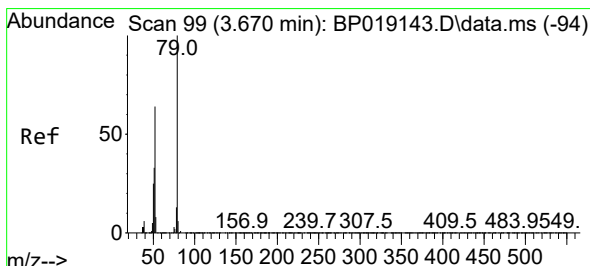
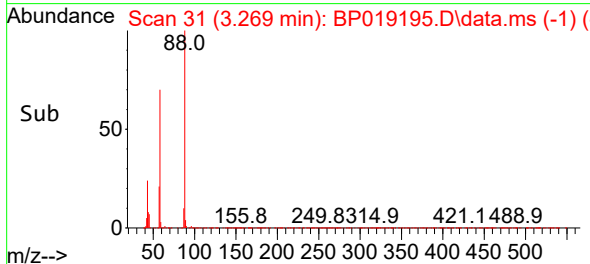
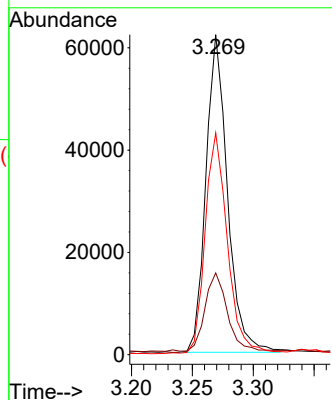
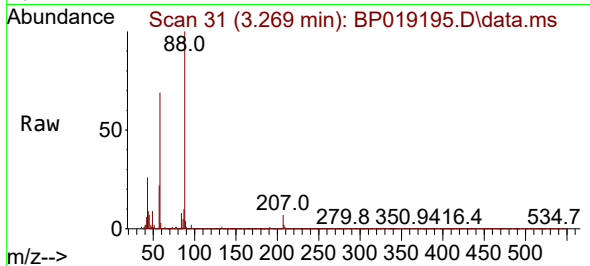
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#2
1,4-Dioxane
Concen: 9.314 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019195.D
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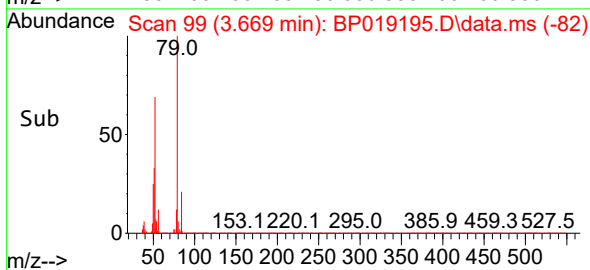
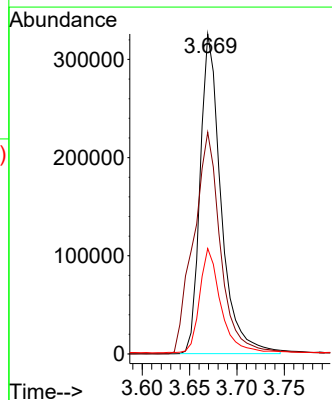
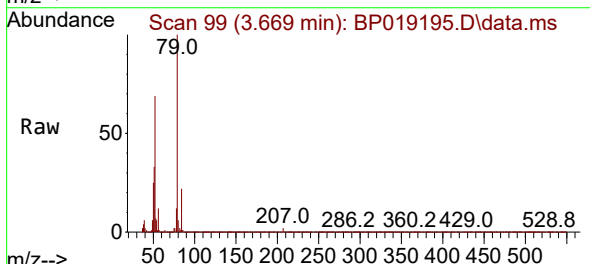
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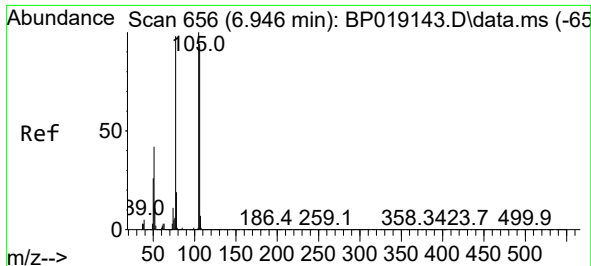
Tgt Ion: 88 Resp: 76620
Ion Ratio Lower Upper
88 100
43 25.6 21.0 31.4
58 69.3 56.6 84.8



#5
Pyridine
Concen: 26.289 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion: 79 Resp: 501130
Ion Ratio Lower Upper
79 100
52 69.3 52.4 78.6
51 33.0 25.9 38.9

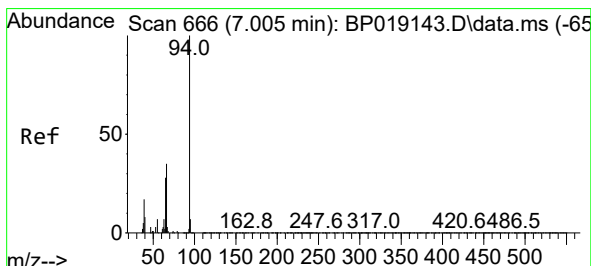
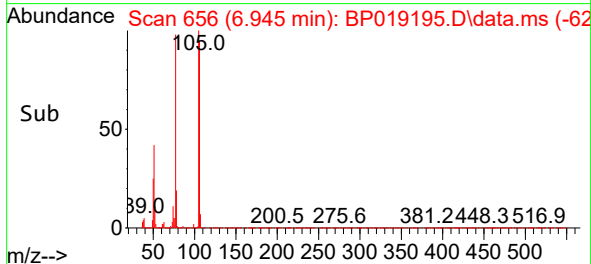
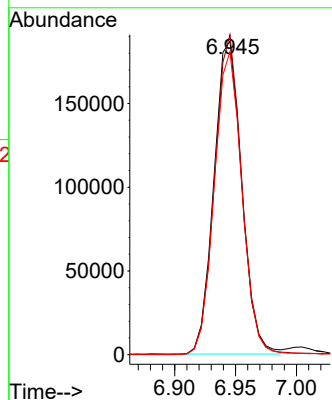
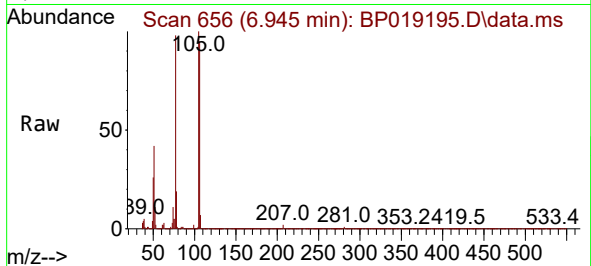




#6
Benzaldehyde
Concen: 27.931 ng/ul
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

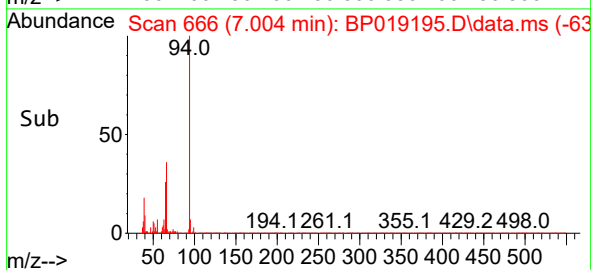
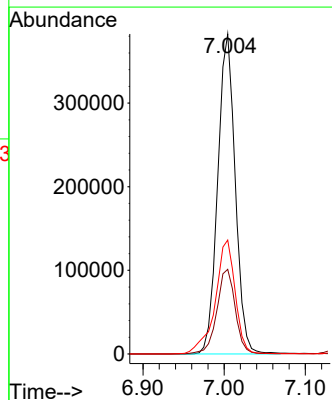
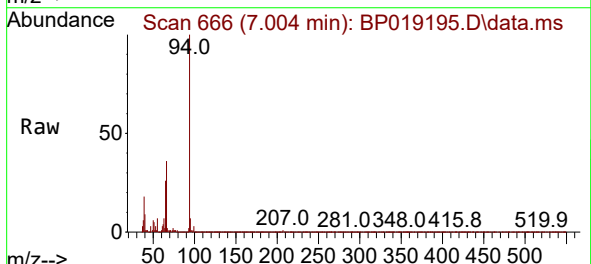
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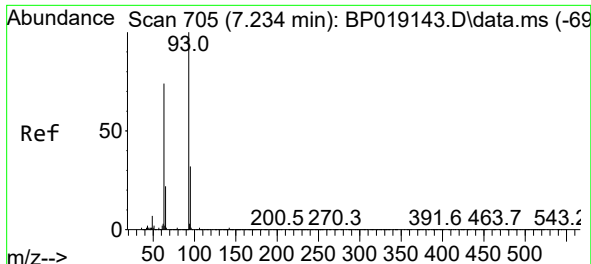
Tgt Ion: 77 Resp: 297180
Ion Ratio Lower Upper
77 100
105 102.0 78.6 117.8
106 96.5 74.8 112.2



#8
Phenol
Concen: 25.406 ng/ul
RT: 7.004 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion: 94 Resp: 575041
Ion Ratio Lower Upper
94 100
65 26.4 21.1 31.7
66 35.6 29.3 43.9

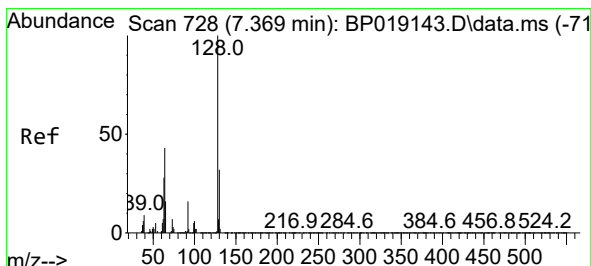
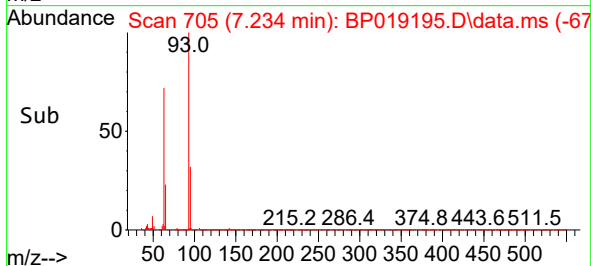
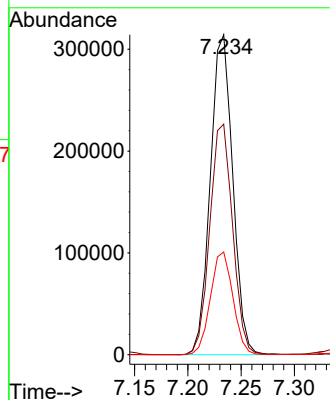
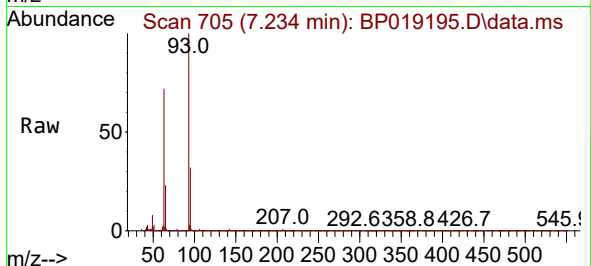




#10
Bis(2-Chloroethyl)ether
Concen: 25.205 ng/ul
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

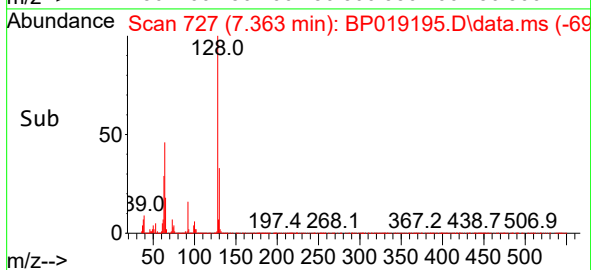
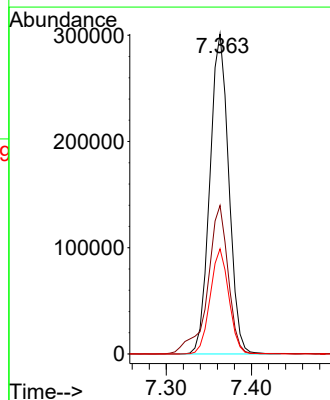
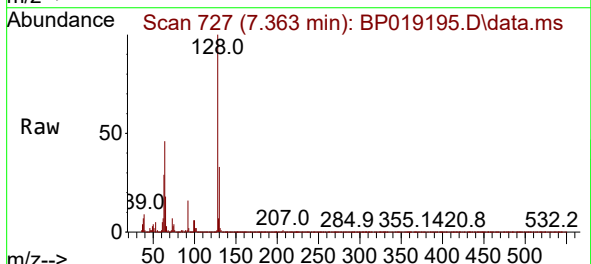
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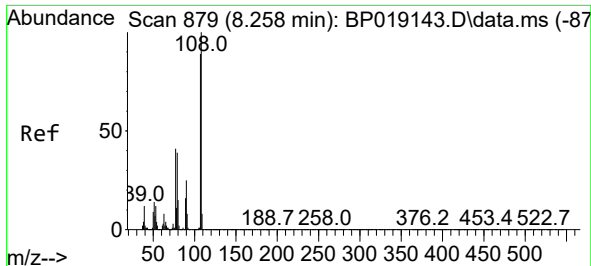
Tgt Ion: 93 Resp: 461592
Ion Ratio Lower Upper
93 100
63 72.0 59.4 89.0
95 32.1 26.6 40.0



#12
2-Chlorophenol
Concen: 24.548 ng/ul
RT: 7.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:128 Resp: 464157
Ion Ratio Lower Upper
128 100
64 46.4 35.9 53.9
130 32.8 25.3 37.9





#13

2-Methylphenol

Concen: 24.852 ng/ul

RT: 8.251 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

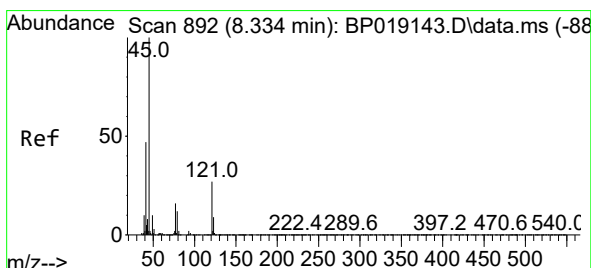
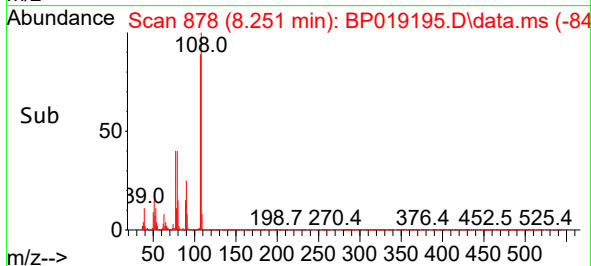
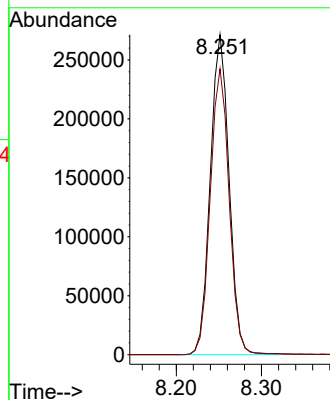
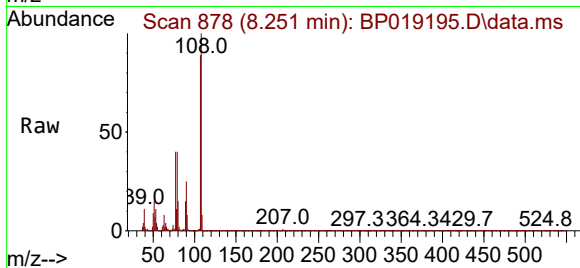
SLCS073

Tgt Ion:108 Resp: 416115

Ion Ratio Lower Upper

108 100

107 89.4 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.306 ng/ul

RT: 8.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

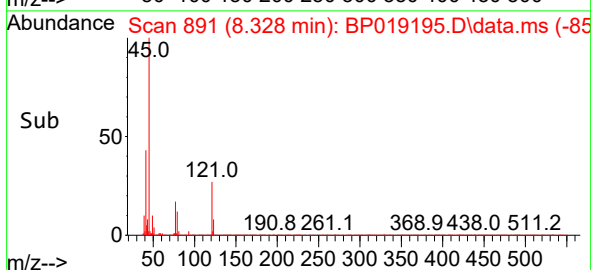
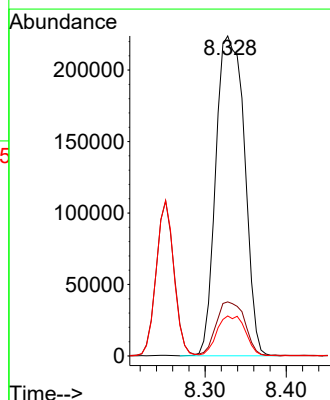
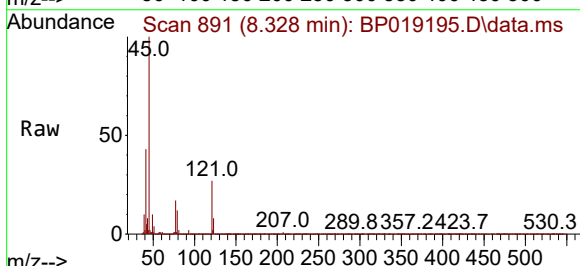
Tgt Ion: 45 Resp: 546715

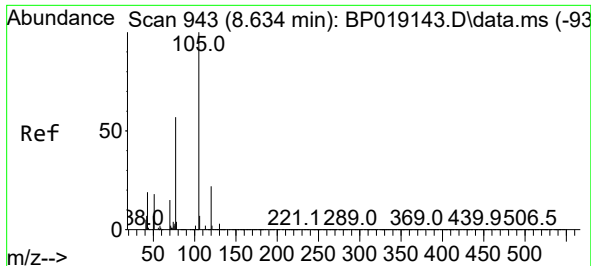
Ion Ratio Lower Upper

45 100

77 16.9 13.6 20.4

79 12.5 9.7 14.5

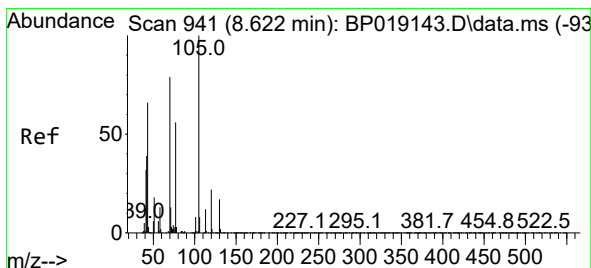
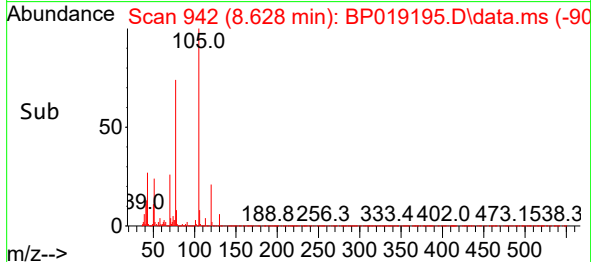
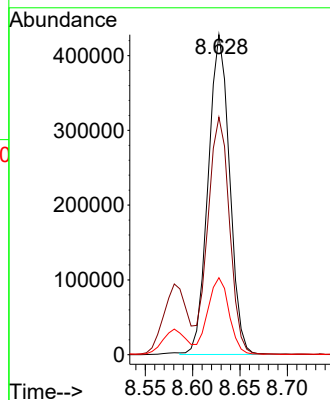
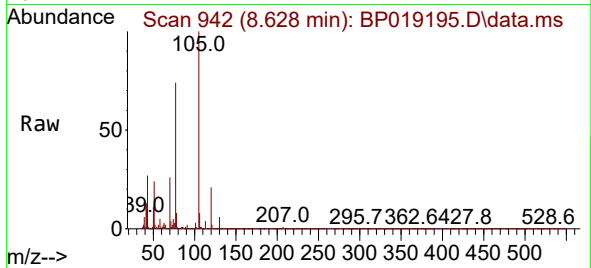




#16
Acetophenone
Concen: 25.118 ng/ul
RT: 8.628 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP019195.D
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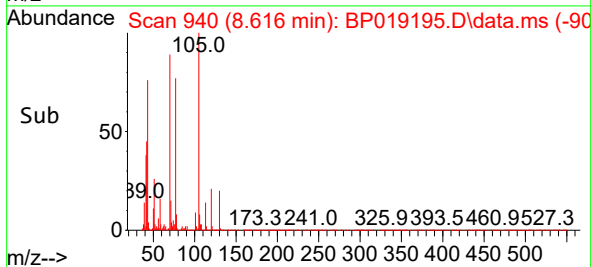
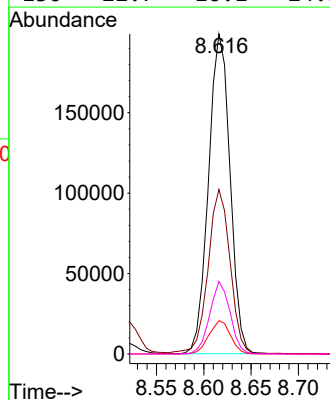
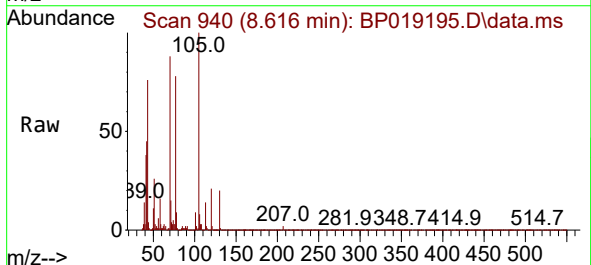
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SLCS073

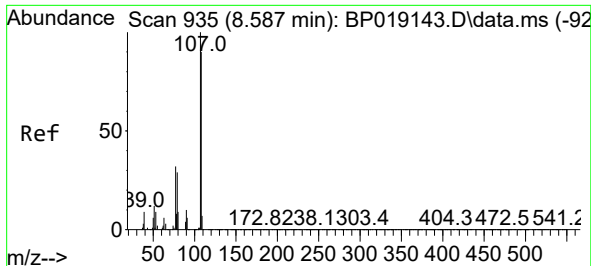
Tgt Ion:105 Resp: 671169
Ion Ratio Lower Upper
105 100
77 74.2 59.8 89.6
51 24.0 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 23.561 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion: 70 Resp: 313932
Ion Ratio Lower Upper
70 100
42 51.4 40.6 61.0
101 10.4 7.3 10.9
130 22.7 16.1 24.1

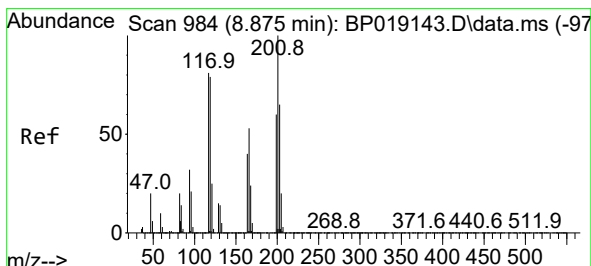
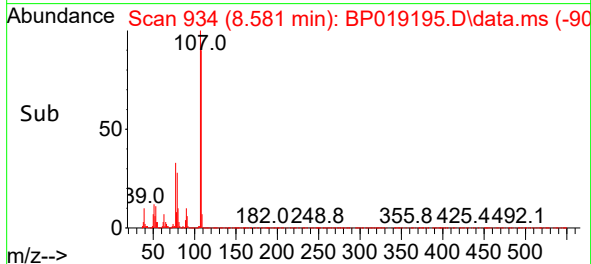
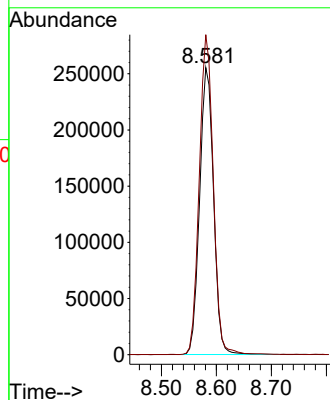
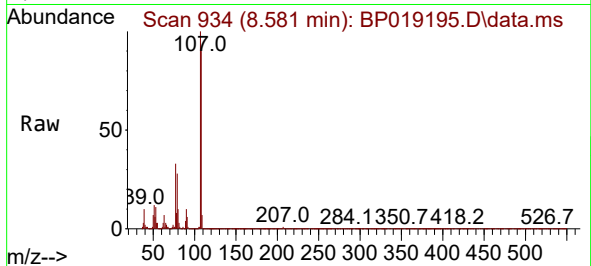




#18
4-Methylphenol
Concen: 24.972 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

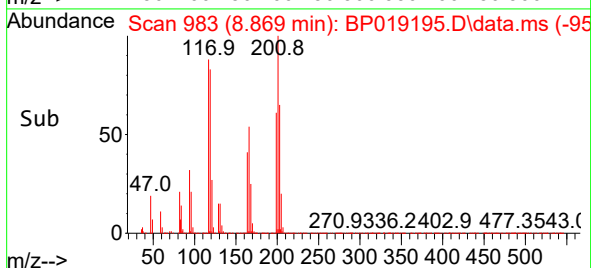
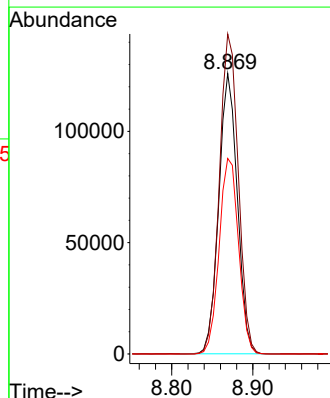
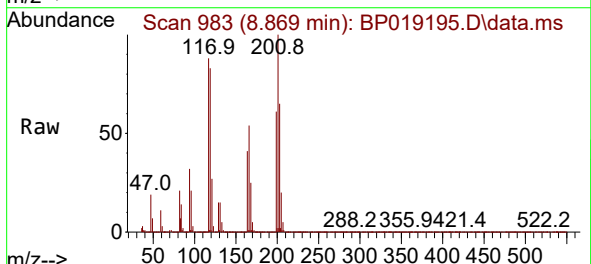
Instrument :
BNA_P
ClientSampleId :
SLCS073

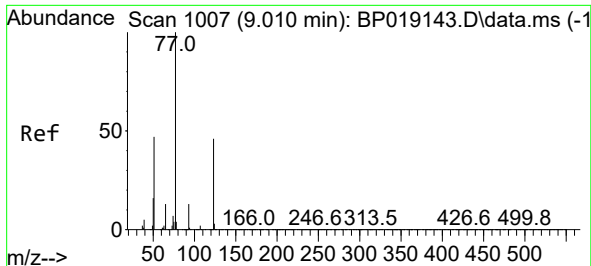
Tgt Ion:108 Resp: 450071
Ion Ratio Lower Upper
108 100
107 111.5 88.1 132.1



#19
Hexachloroethane
Concen: 25.222 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:117 Resp: 200036
Ion Ratio Lower Upper
117 100
201 114.1 92.5 138.7
199 69.7 56.9 85.3

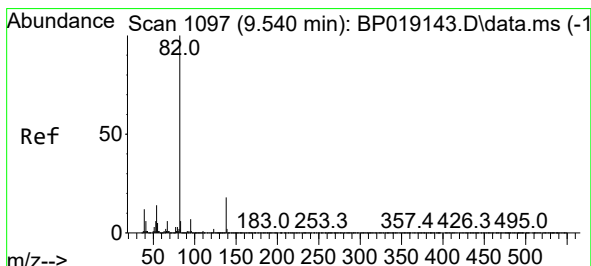
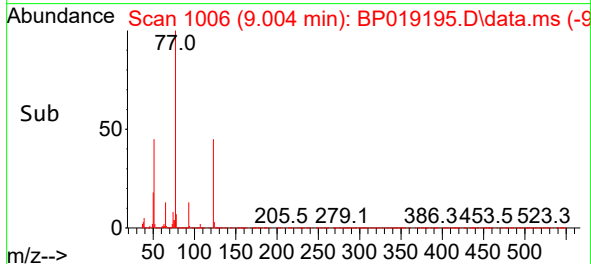
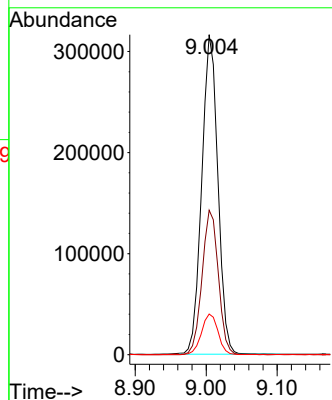
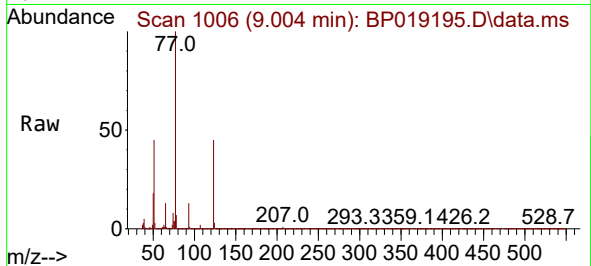




#22
Nitrobenzene
Concen: 24.695 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

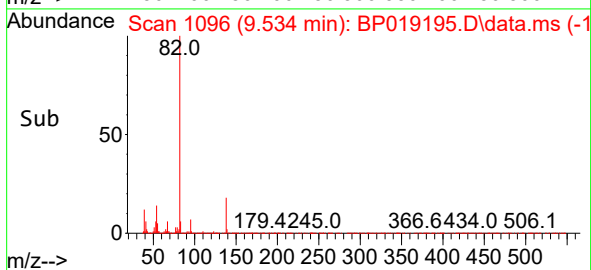
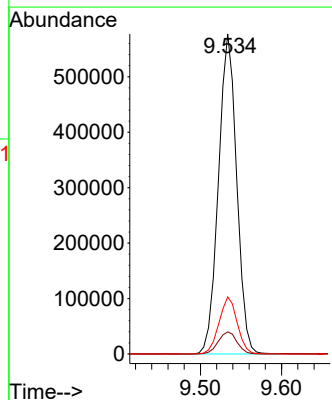
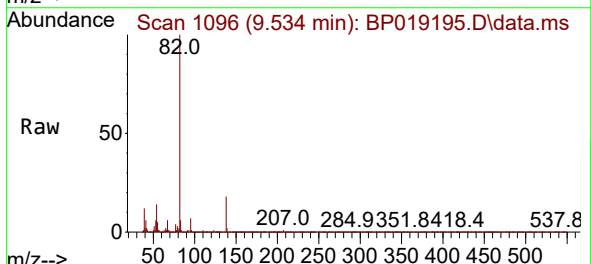
Instrument :
BNA_P
ClientSampleId :
SLCS073

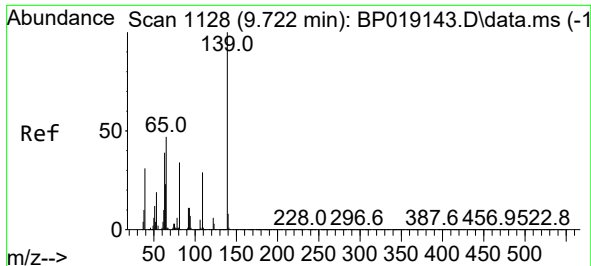
Tgt Ion: 77 Resp: 499618
Ion Ratio Lower Upper
77 100
123 45.1 35.5 53.3
65 12.7 10.3 15.5



#23
Isophorone
Concen: 24.699 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion: 82 Resp: 901077
Ion Ratio Lower Upper
82 100
95 6.9 5.9 8.9
138 17.9 14.7 22.1

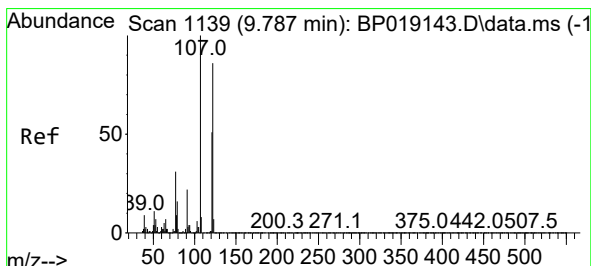
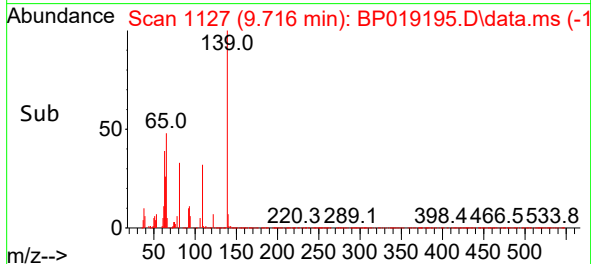
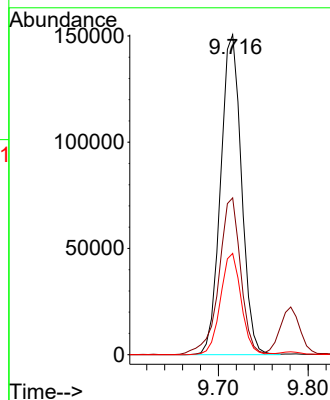
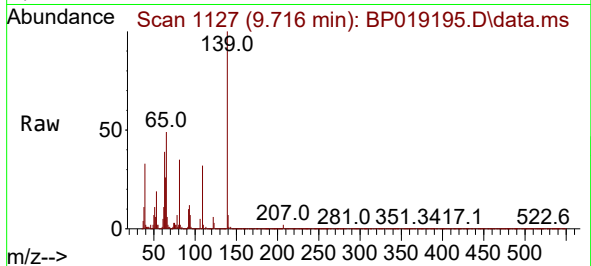




#25
2-Nitrophenol
Concen: 25.404 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

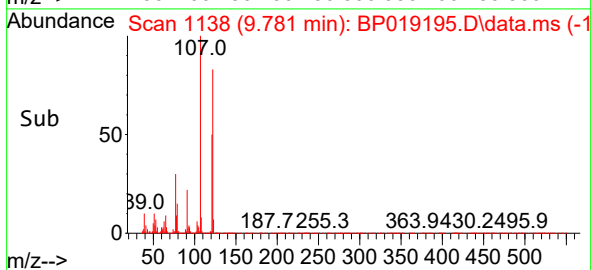
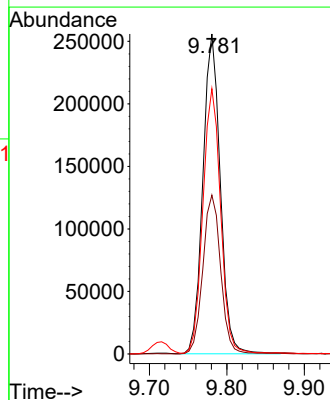
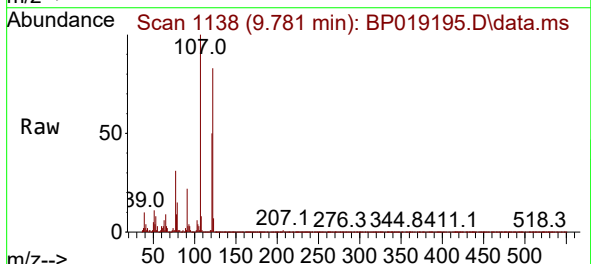
Instrument :
BNA_P
ClientSampleId :
SLCS073

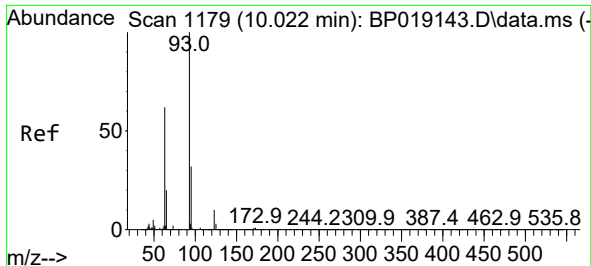
Tgt Ion:139 Resp: 242756
Ion Ratio Lower Upper
139 100
65 49.0 38.8 58.2
109 31.6 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 23.763 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:107 Resp: 399765
Ion Ratio Lower Upper
107 100
121 49.6 39.8 59.6
122 82.9 66.4 99.6





#27

Bis(2-Chloroethoxy)methane

Concen: 24.523 ng/ul

RT: 10.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

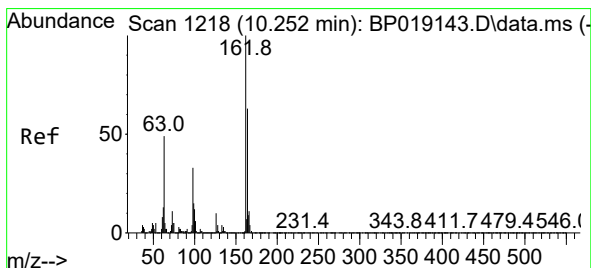
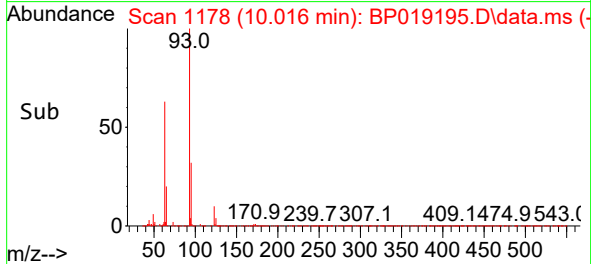
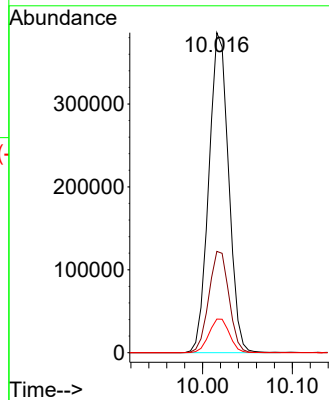
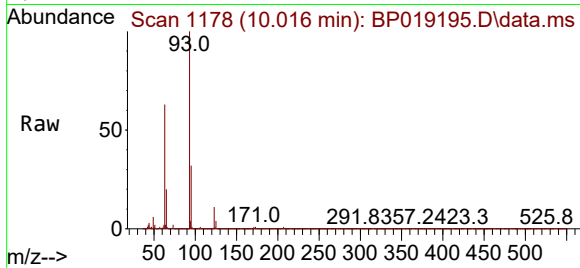
Tgt Ion: 93 Resp: 591311

Ion Ratio Lower Upper

93 100

95 31.6 26.7 40.1

123 10.5 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 24.608 ng/ul

RT: 10.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

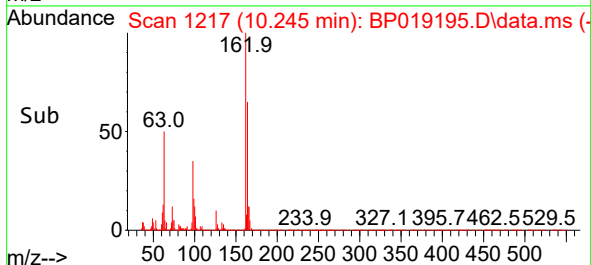
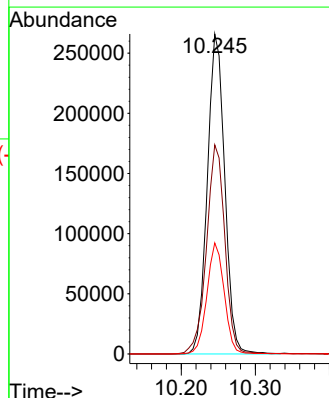
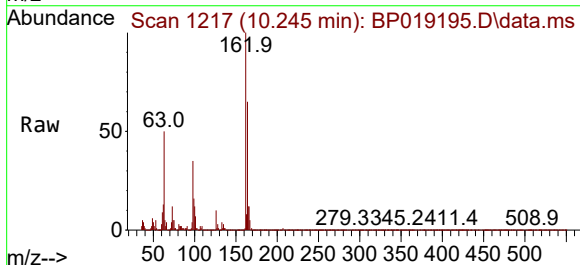
Tgt Ion:162 Resp: 434584

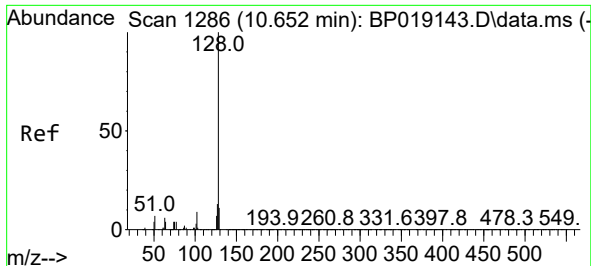
Ion Ratio Lower Upper

162 100

164 65.4 52.6 78.8

98 34.7 26.7 40.1

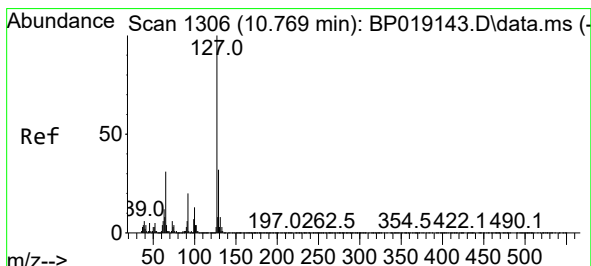
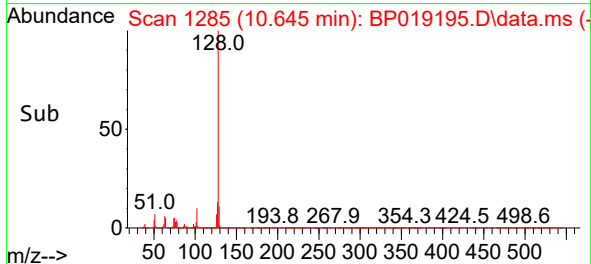
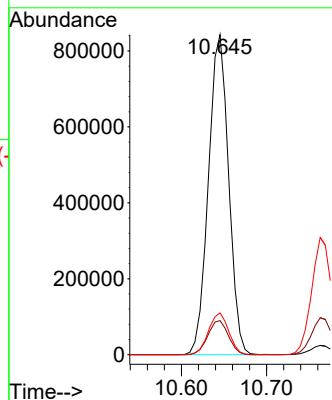
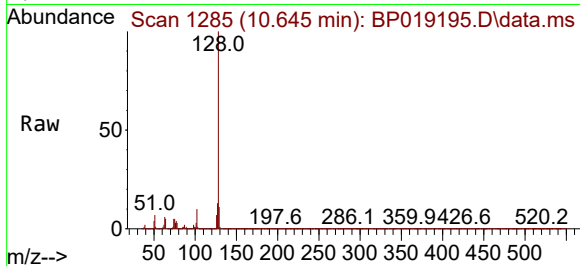




#30
Naphthalene
Concen: 24.063 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

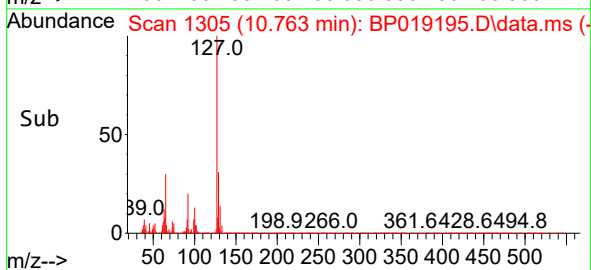
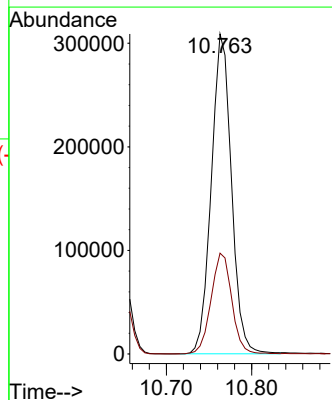
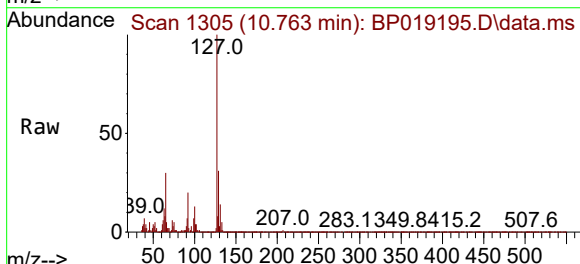
Instrument :
BNA_P
ClientSampleId :
SLCS073

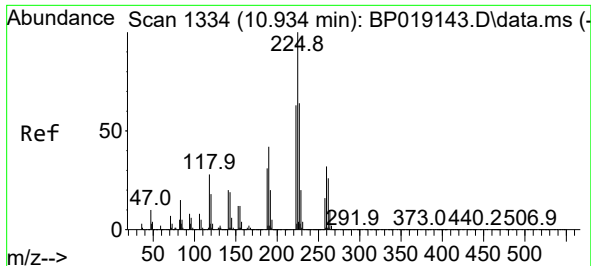
Tgt Ion:128 Resp: 1389812
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 23.774 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:127 Resp: 507110
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4

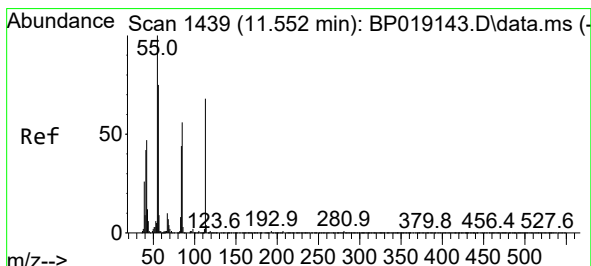
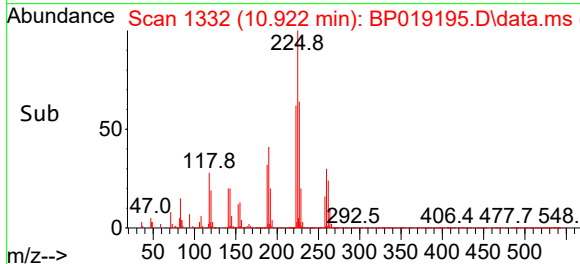
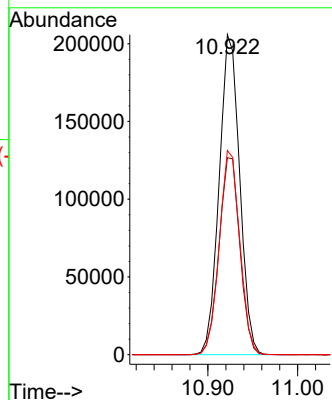
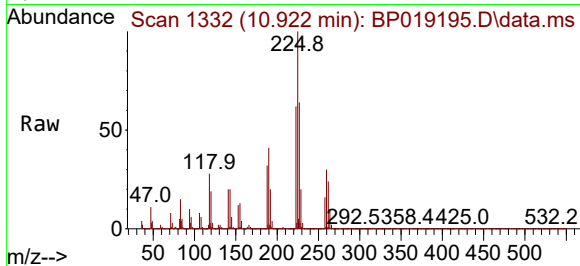




#33
Hexachlorobutadiene
Concen: 24.010 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

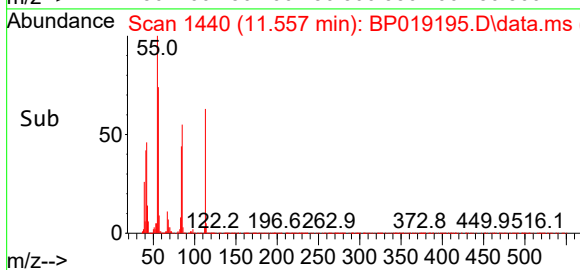
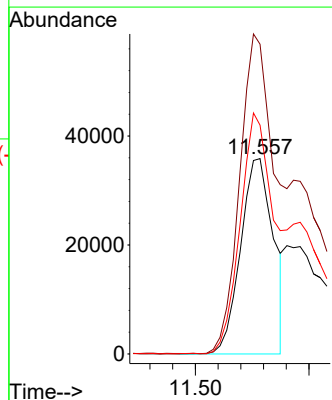
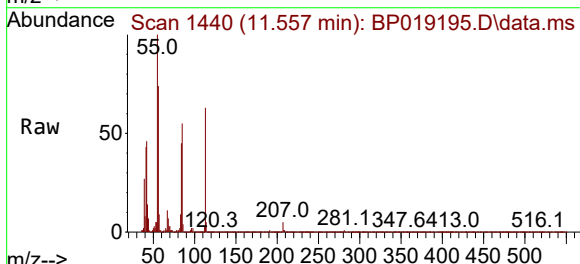
Instrument :
BNA_P
ClientSampleId :
SLCS073

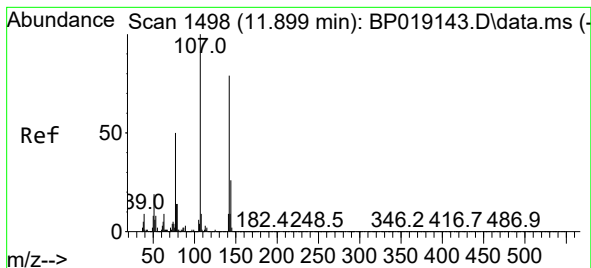
Tgt Ion:225 Resp: 326331
Ion Ratio Lower Upper
225 100
223 61.6 50.5 75.7
227 63.8 53.0 79.4



#34
Caprolactam
Concen: 15.404 ng/ul
RT: 11.557 min Scan# 1440
Delta R.T. 0.005 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:113 Resp: 71858
Ion Ratio Lower Upper
113 100
55 158.5 122.6 184.0
56 117.1 93.0 139.4

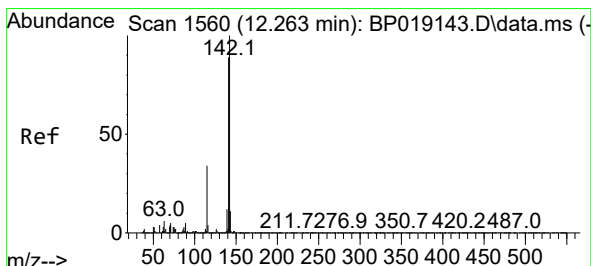
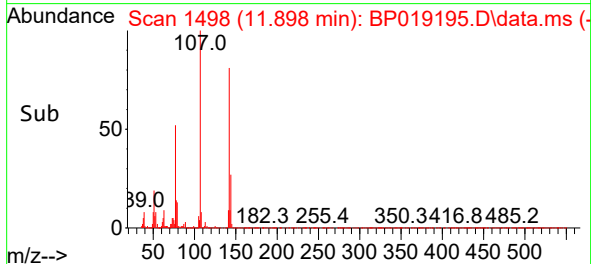
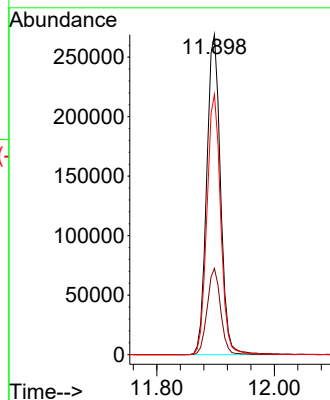
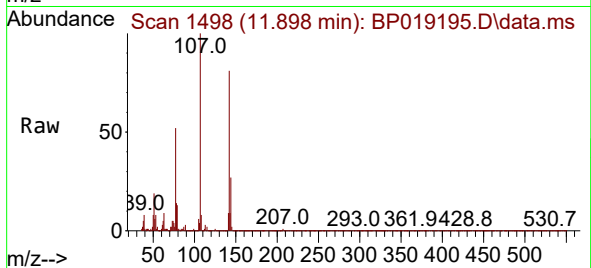




#35
4-Chloro-3-methylphenol
Concen: 25.192 ng/ul
RT: 11.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

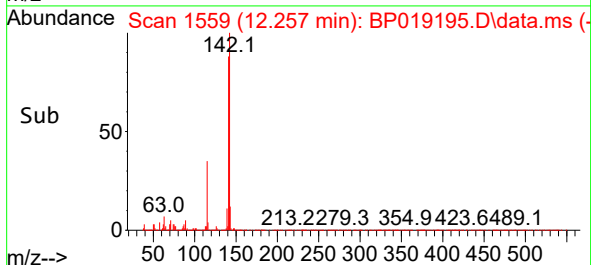
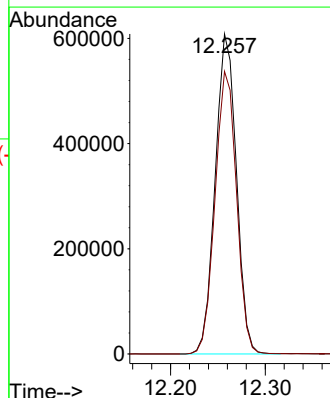
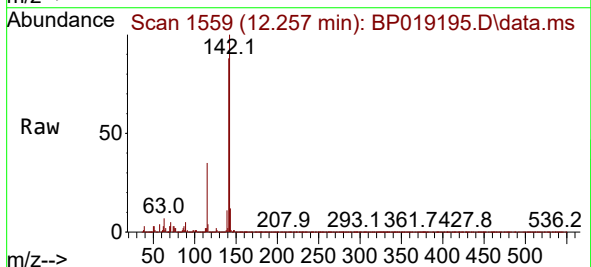
Instrument :
BNA_P
ClientSampleId :
SLCS073

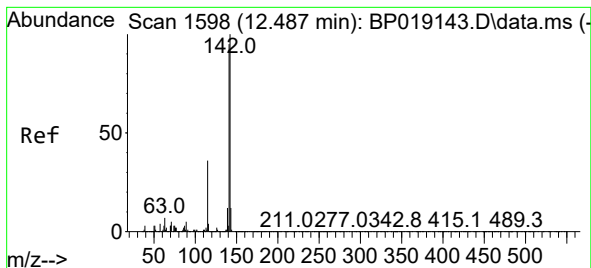
Tgt Ion:107 Resp: 436720
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.6
142 81.3 64.8 97.2



#36
2-Methylnaphthalene
Concen: 24.279 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:142 Resp: 945452
Ion Ratio Lower Upper
142 100
141 88.3 71.7 107.5





#37

1-Methylnaphthalene

Concen: 23.727 ng/ul

RT: 12.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

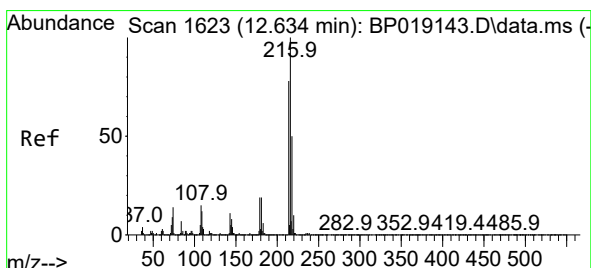
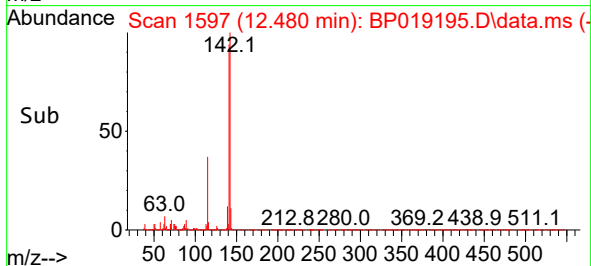
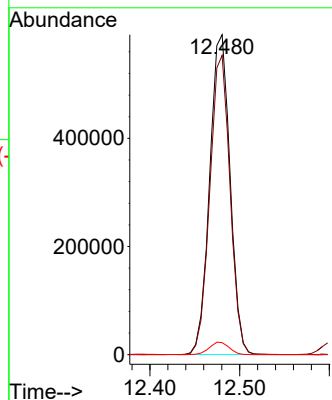
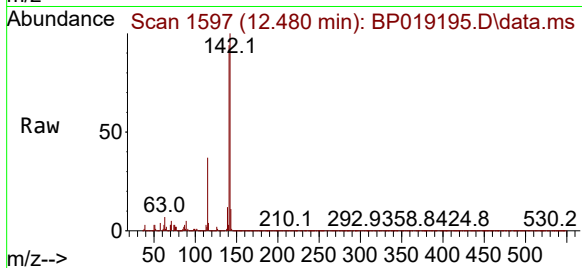
Tgt Ion:142 Resp: 931717

Ion Ratio Lower Upper

142 100

141 93.5 74.4 111.6

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.674 ng/ul

RT: 12.627 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Tgt Ion:216 Resp: 588603

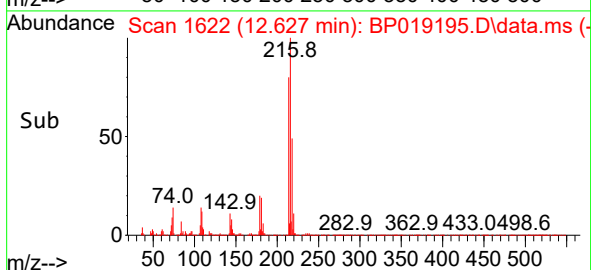
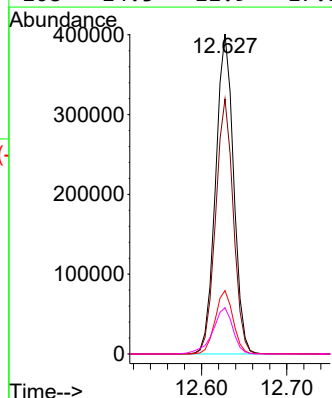
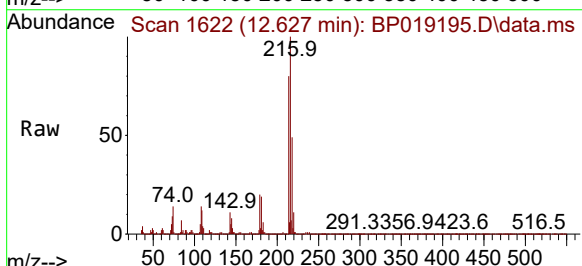
Ion Ratio Lower Upper

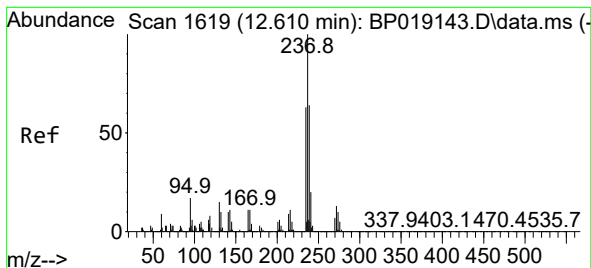
216 100

214 79.7 62.6 94.0

179 19.8 15.8 23.8

108 14.5 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 23.523 ng/ul

RT: 12.604 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

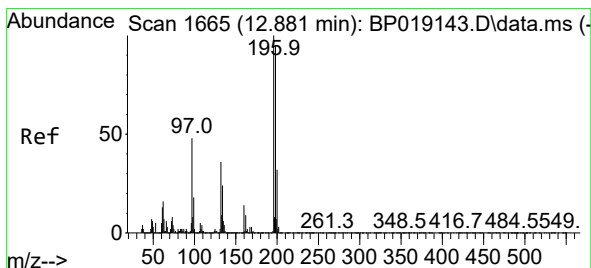
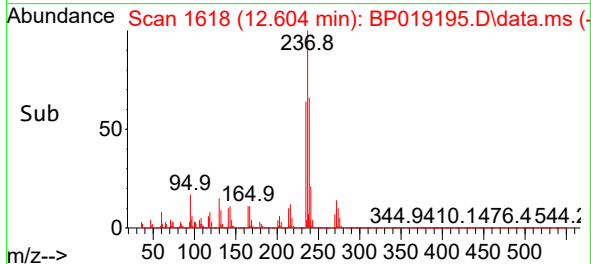
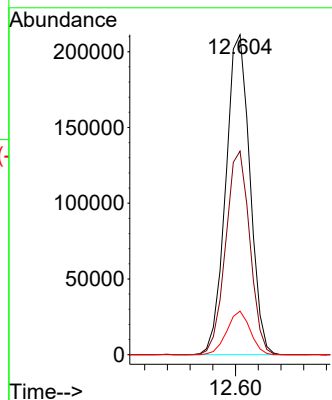
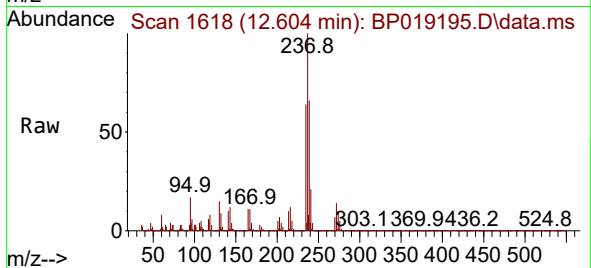
Tgt Ion:237 Resp: 311474

Ion Ratio Lower Upper

237 100

235 63.6 51.2 76.8

272 13.6 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 25.730 ng/ul

RT: 12.875 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

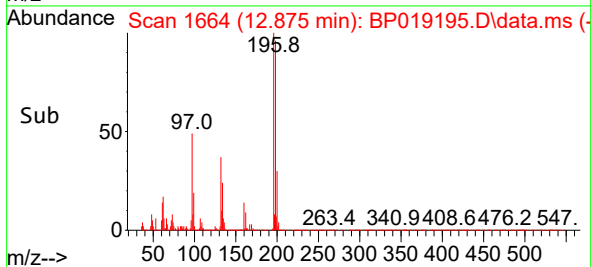
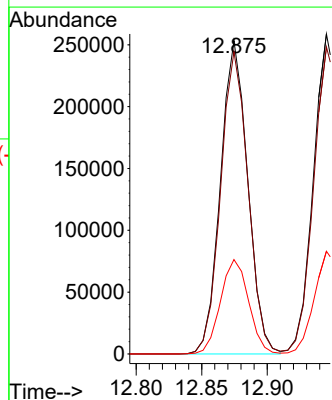
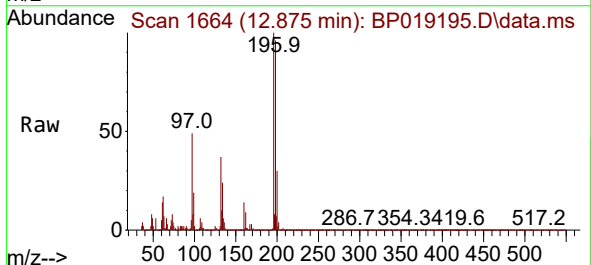
Tgt Ion:196 Resp: 366302

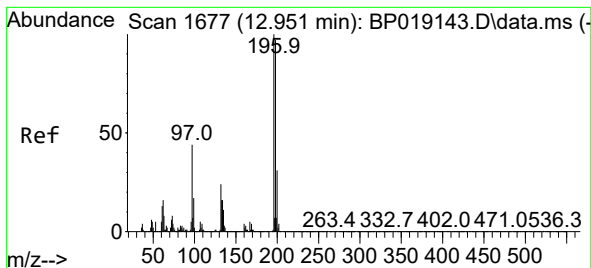
Ion Ratio Lower Upper

196 100

198 96.4 77.4 116.0

200 30.1 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 26.105 ng/ul

RT: 12.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

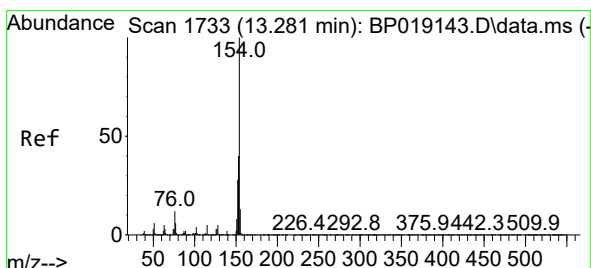
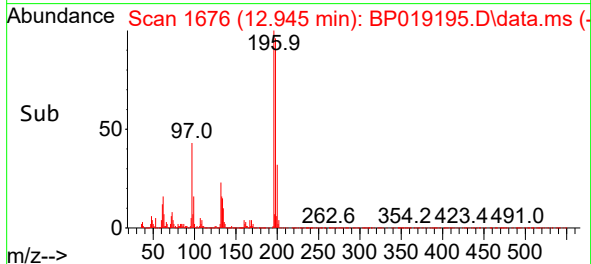
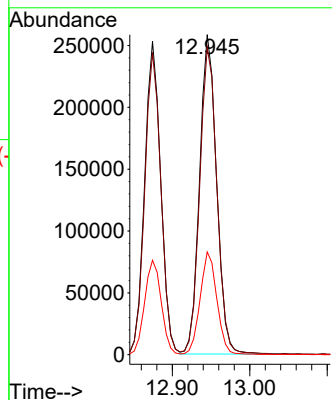
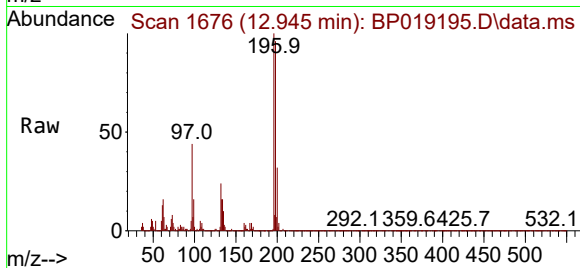
Tgt Ion:196 Resp: 394510

Ion Ratio Lower Upper

196 100

198 95.9 77.3 115.9

200 32.1 25.7 38.5



#43

1,1'-Biphenyl

Concen: 24.317 ng/ul

RT: 13.275 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

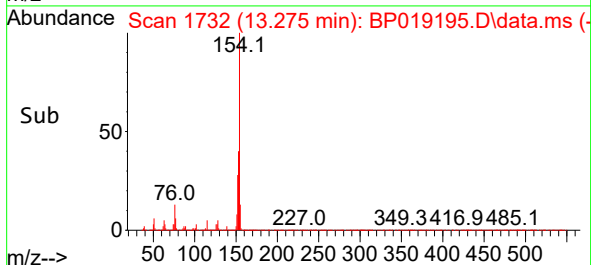
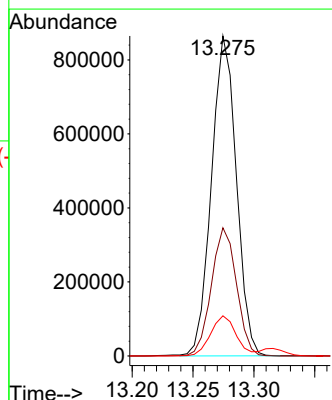
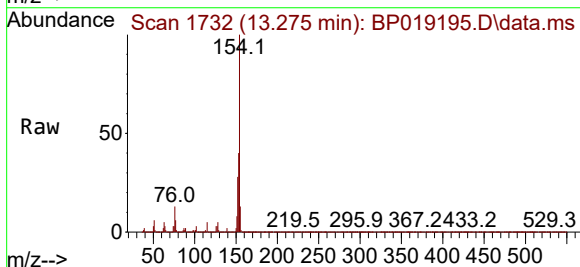
Tgt Ion:154 Resp: 1228662

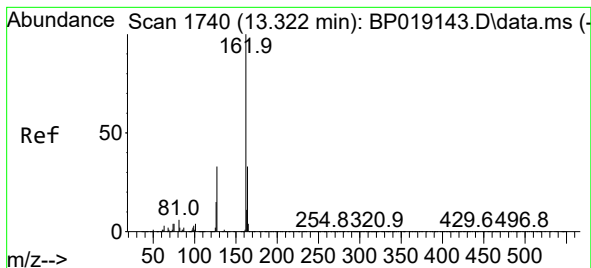
Ion Ratio Lower Upper

154 100

153 40.0 31.9 47.9

76 12.5 9.5 14.3

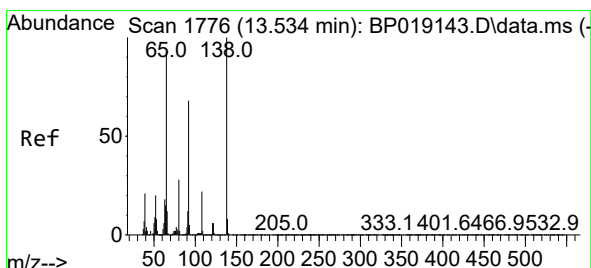
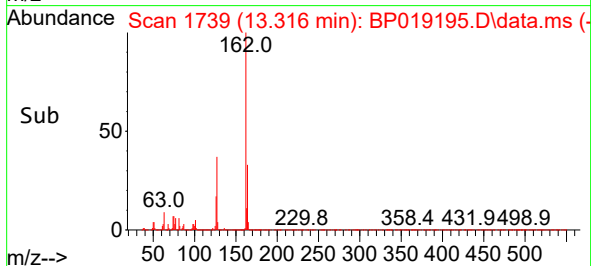
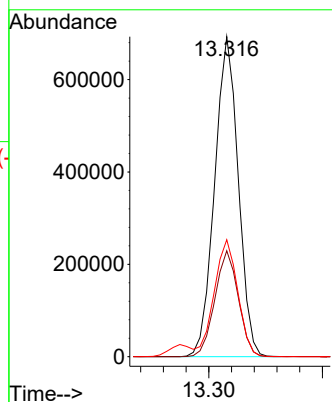
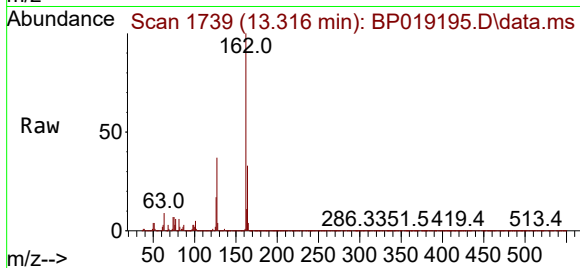




#44
2-Chloronaphthalene
Concen: 24.659 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

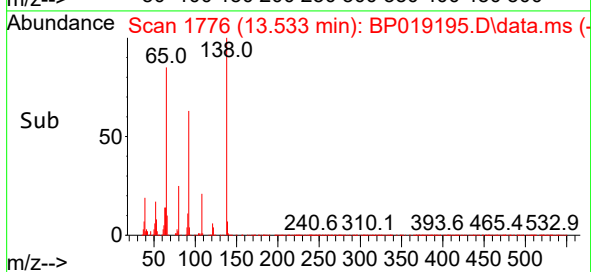
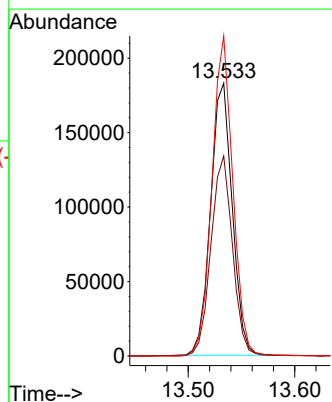
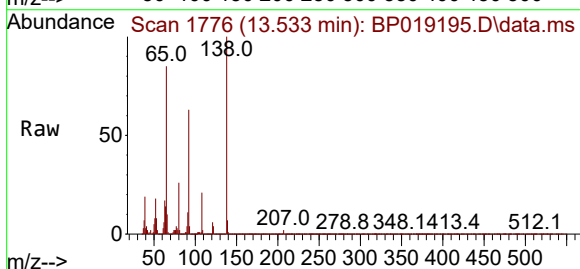
Instrument :
BNA_P
ClientSampleId :
SLCS073

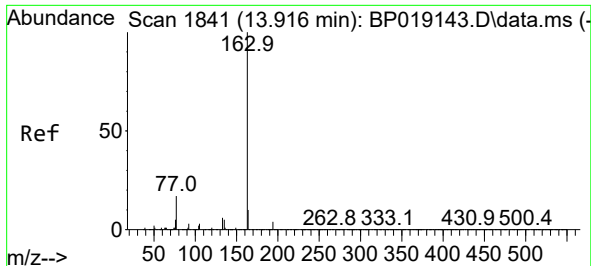
Tgt Ion:162 Resp: 999739
Ion Ratio Lower Upper
162 100
164 33.1 26.2 39.4
127 36.5 28.8 43.2



#45
2-Nitroaniline
Concen: 26.543 ng/ul
RT: 13.533 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion: 65 Resp: 258346
Ion Ratio Lower Upper
65 100
92 73.3 60.2 90.4
138 117.3 92.9 139.3

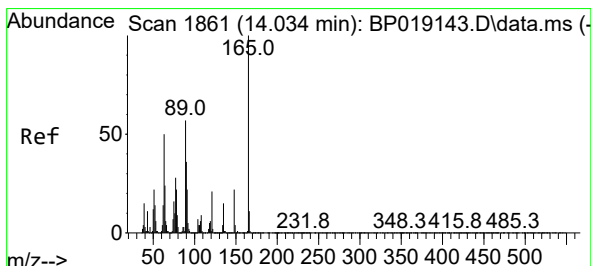
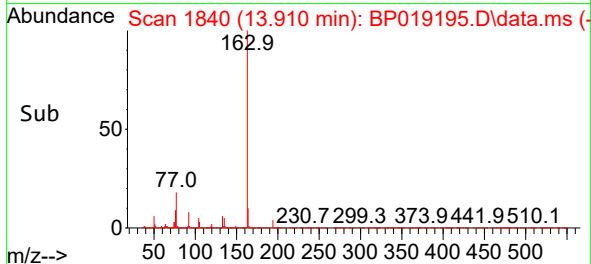
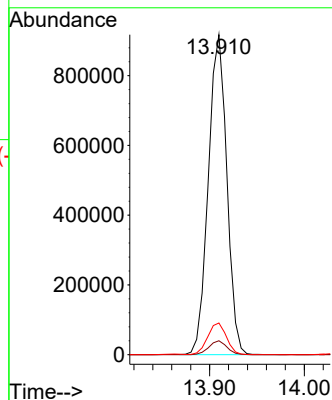
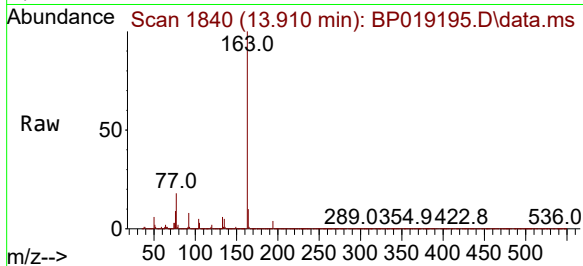




#47
Dimethylphthalate
Concen: 24.651 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

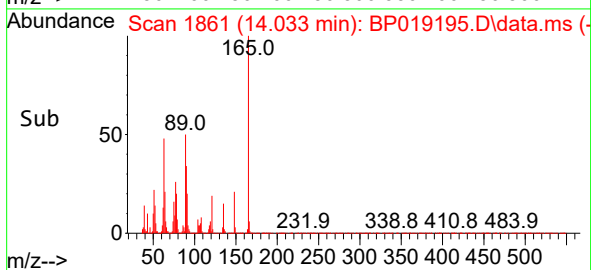
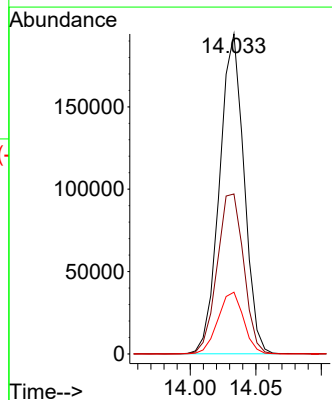
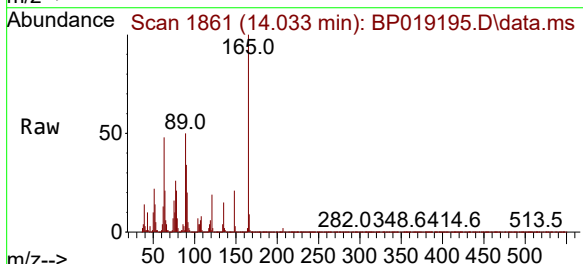
Instrument :
BNA_P
ClientSampleId :
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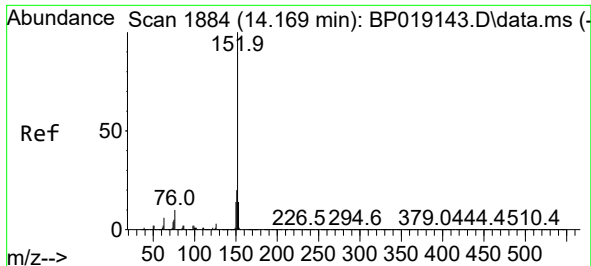
Tgt Ion:163 Resp: 1244949
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.9 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 27.169 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:165 Resp: 252126
Ion Ratio Lower Upper
165 100
89 50.0 45.1 67.7
121 19.3 16.7 25.1

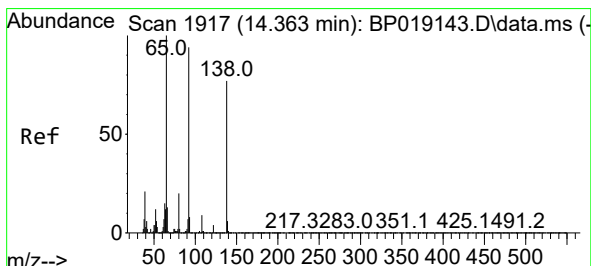
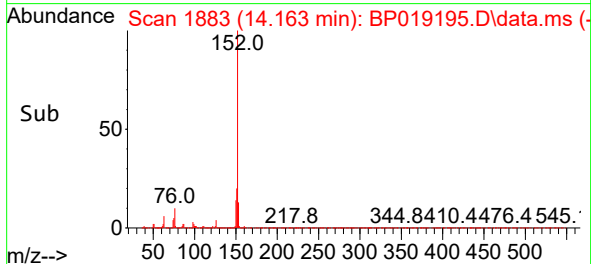
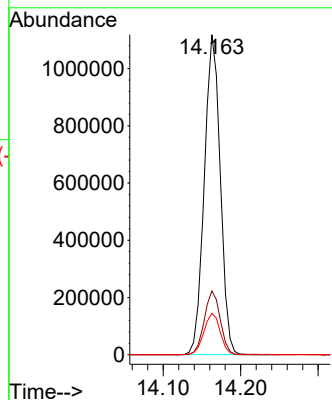
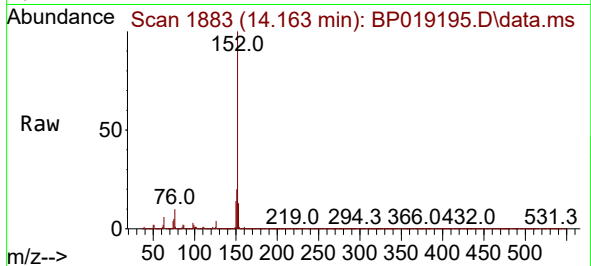




#50
Acenaphthylene
Concen: 25.600 ng/ul
RT: 14.163 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

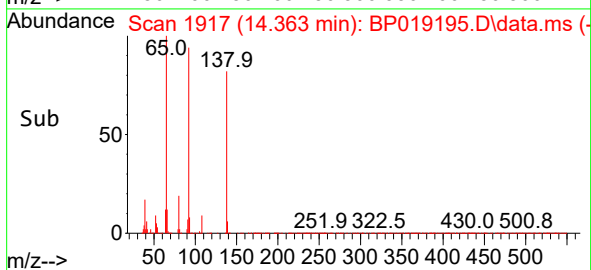
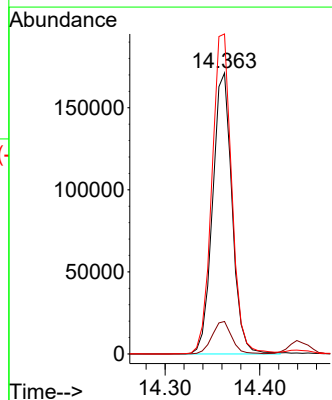
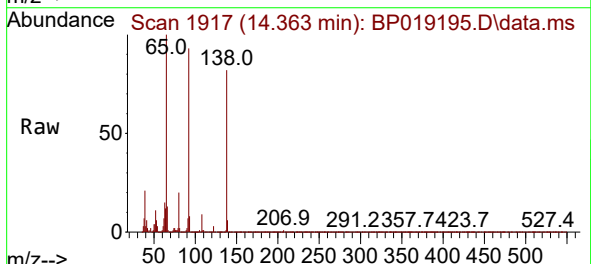
Instrument :
BNA_P
ClientSampleId :
SLCS073

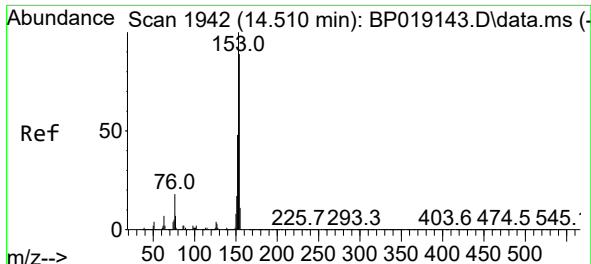
Tgt Ion:152 Resp: 1598926
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.9 10.6 15.8



#51
3-Nitroaniline
Concen: 26.938 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:138 Resp: 244391
Ion Ratio Lower Upper
138 100
108 11.6 9.8 14.6
92 113.9 91.9 137.9

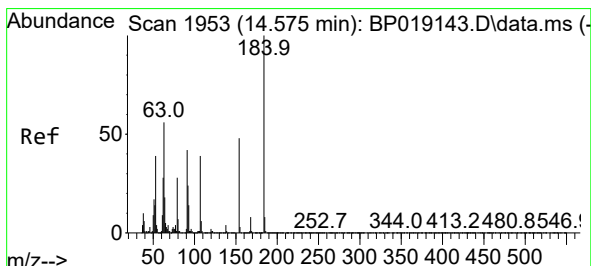
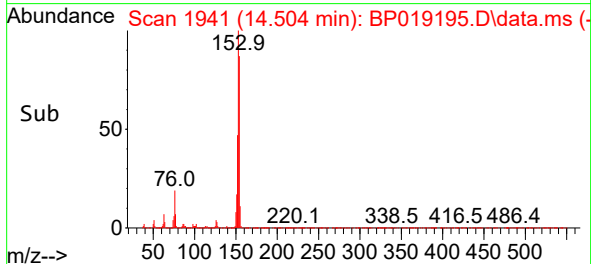
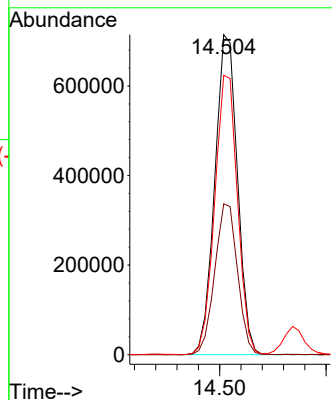
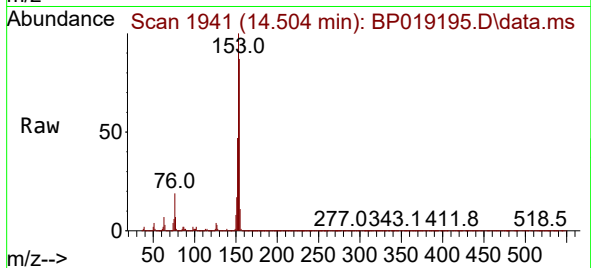




#52
Acenaphthene
Concen: 24.899 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

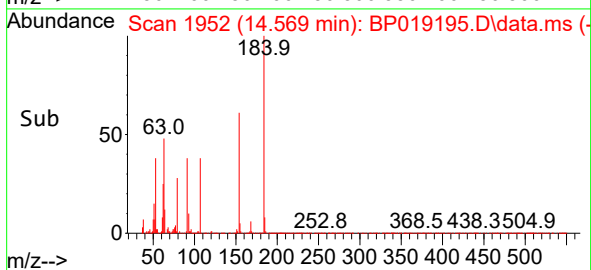
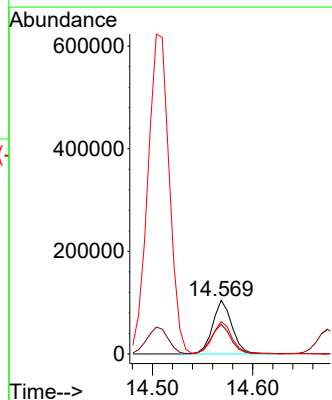
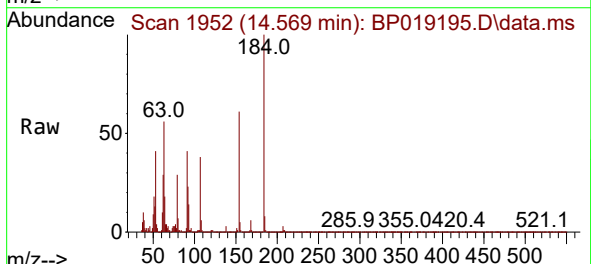
Instrument :
BNA_P
ClientSampleId :
SLCS073

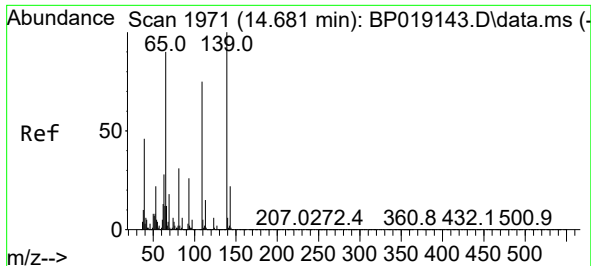
Tgt Ion:153 Resp: 1054011
Ion Ratio Lower Upper
153 100
152 47.1 38.1 57.1
154 87.3 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 23.472 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:184 Resp: 140328
Ion Ratio Lower Upper
184 100
63 55.6 48.5 72.7
154 60.5 49.3 73.9

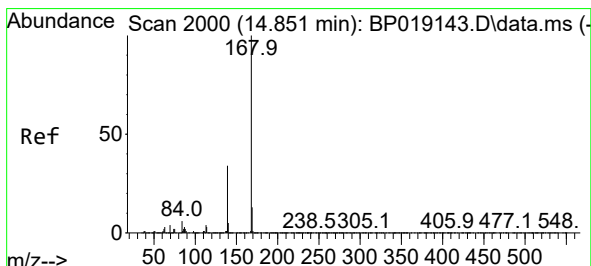
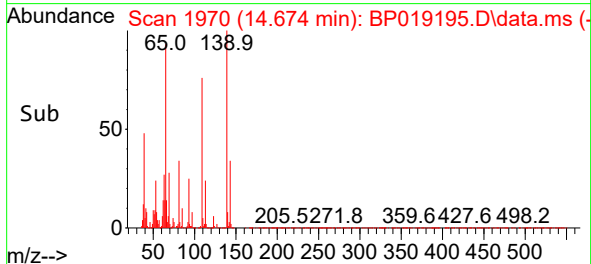
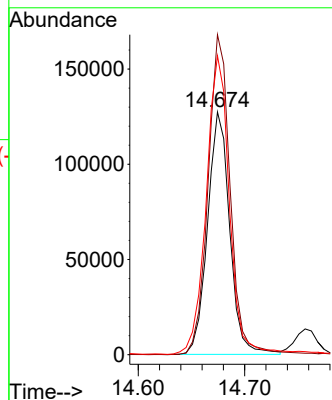
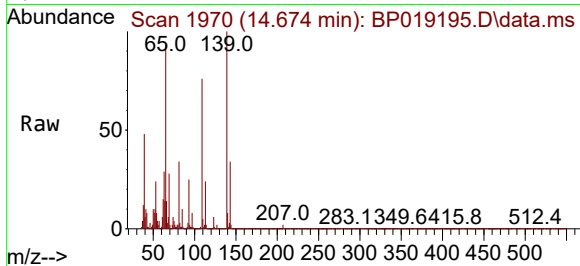




#55
4-Nitrophenol
Concen: 26.728 ng/ul
RT: 14.674 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

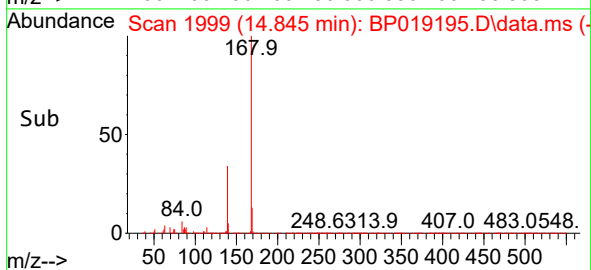
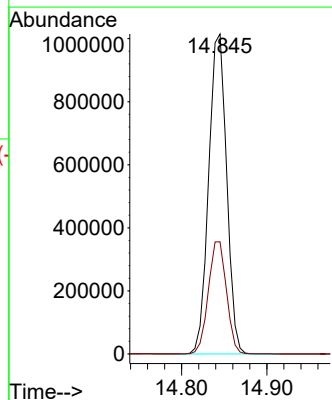
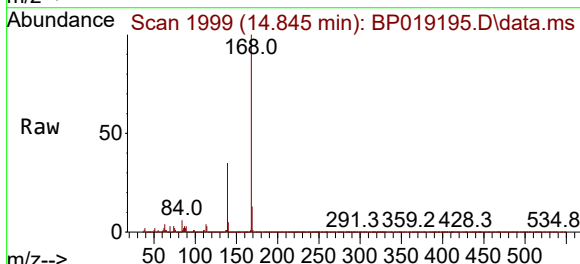
Instrument :
BNA_P
ClientSampleId :
SLCS073

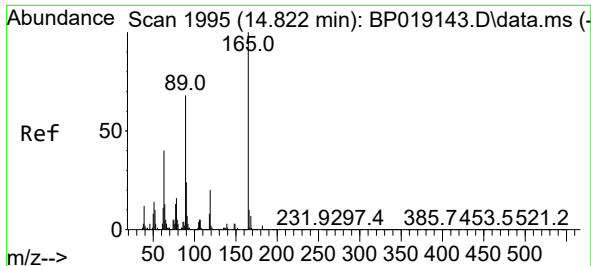
Tgt Ion:109 Resp: 184543
Ion Ratio Lower Upper
109 100
139 131.8 102.6 154.0
65 123.1 92.9 139.3



#56
Dibenzofuran
Concen: 24.534 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:168 Resp: 1483091
Ion Ratio Lower Upper
168 100
139 35.1 27.4 41.0

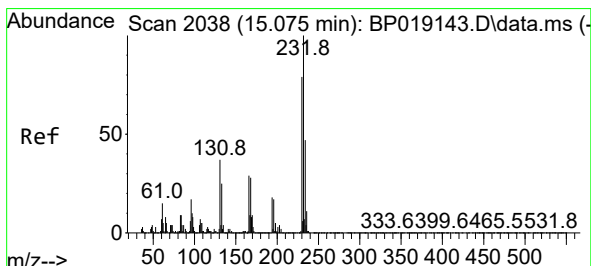
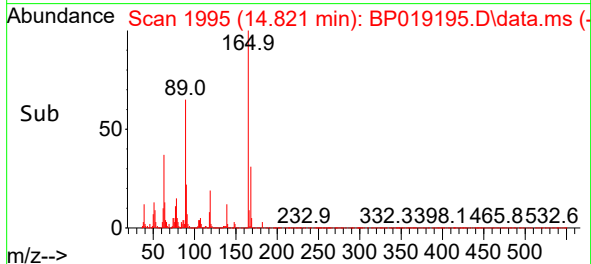
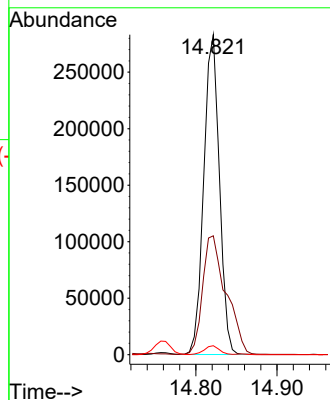
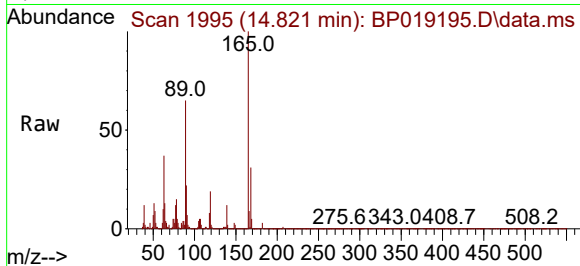




#57
2,4-Dinitrotoluene
Concen: 27.712 ng/ul
RT: 14.821 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

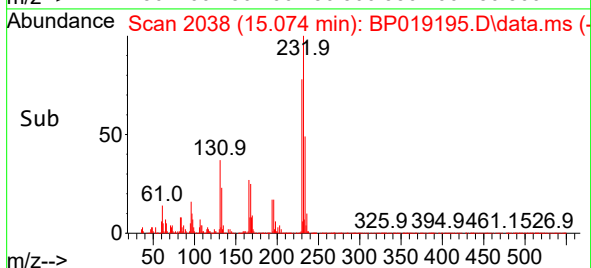
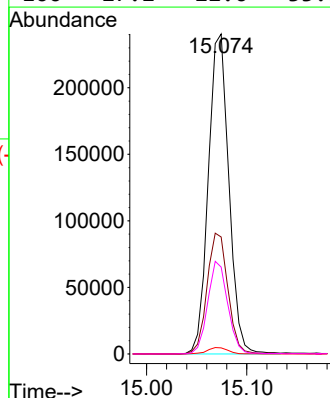
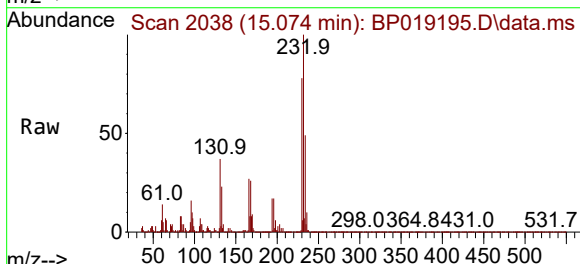
Instrument :
BNA_P
ClientSampleId :
SLCS073

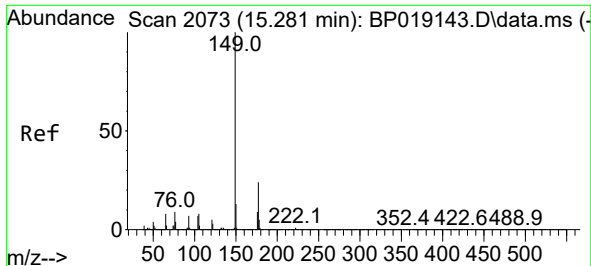
Tgt Ion:165 Resp: 378220
Ion Ratio Lower Upper
165 100
63 37.2 31.5 47.3
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 25.901 ng/ul
RT: 15.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:232 Resp: 341993
Ion Ratio Lower Upper
232 100
131 36.5 29.3 43.9
130 1.9 1.4 2.2
166 27.2 22.6 33.8

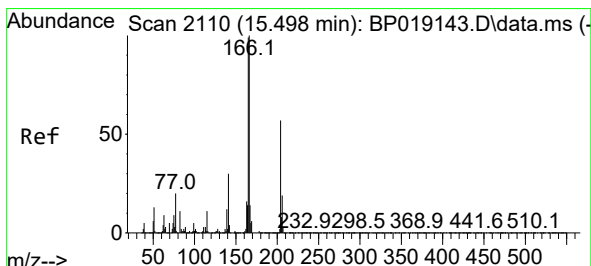
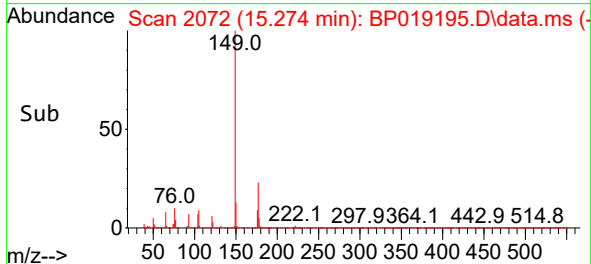
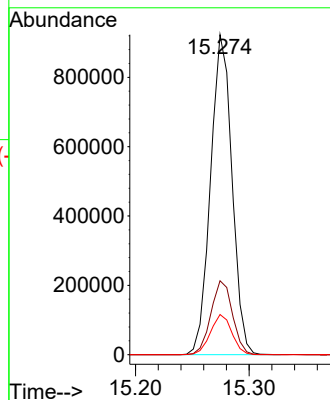
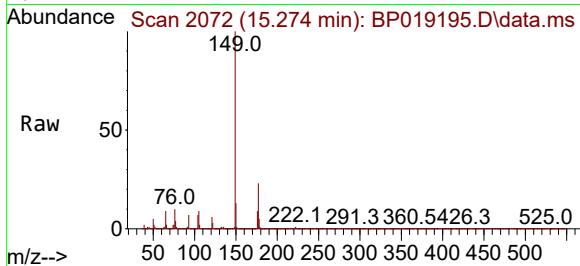




#59
Diethylphthalate
Concen: 24.726 ng/ul
RT: 15.274 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

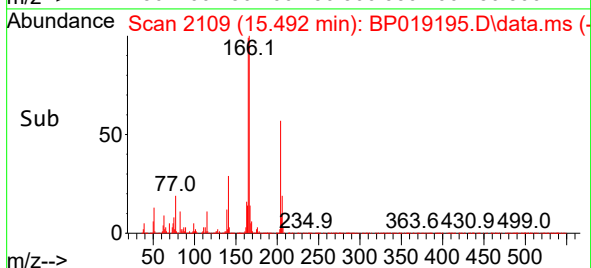
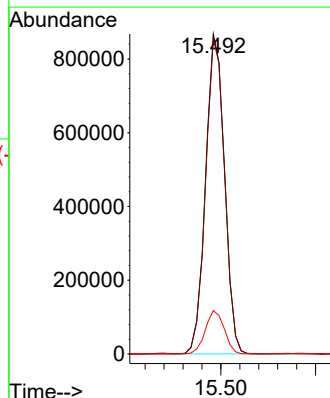
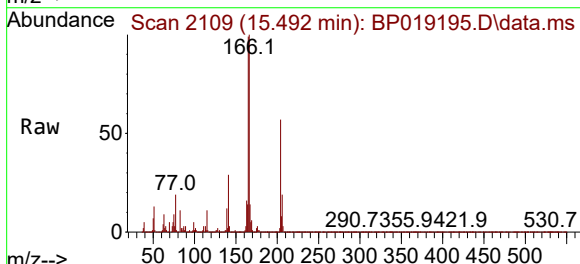
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BNA_P
ClientSampleId :
SLCS073

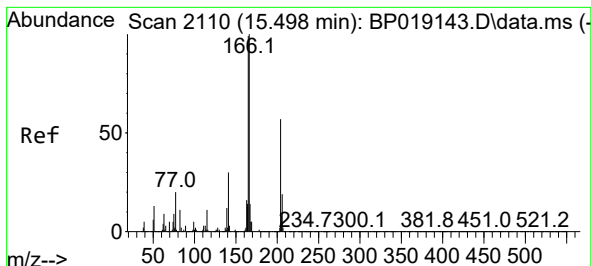
Tgt Ion:149 Resp: 1210715
Ion Ratio Lower Upper
149 100
177 23.1 18.7 28.1
150 12.6 9.8 14.8



#61
Fluorene
Concen: 24.911 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:166 Resp: 1205304
Ion Ratio Lower Upper
166 100
165 98.6 79.3 118.9
167 13.5 11.0 16.4

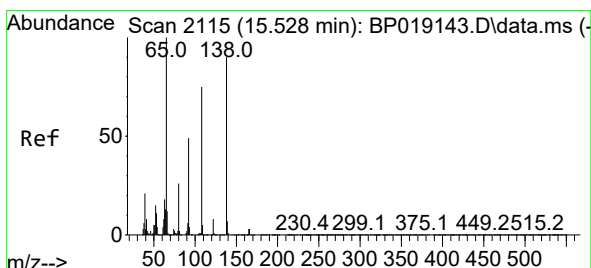
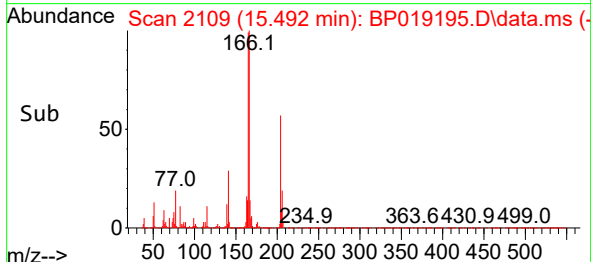
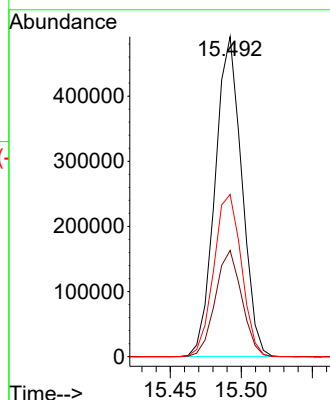
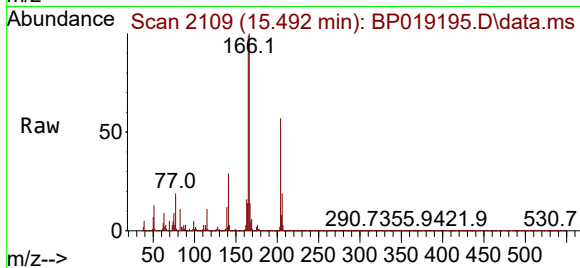




#62
4-Chlorophenyl-phenylether
Concen: 24.307 ng/ul
RT: 15.492 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

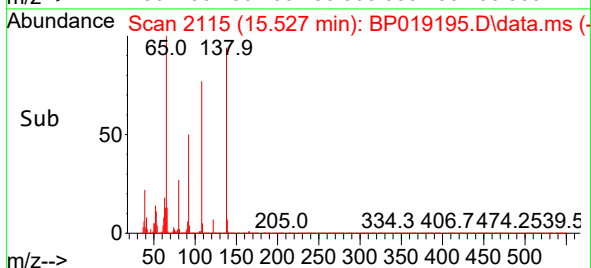
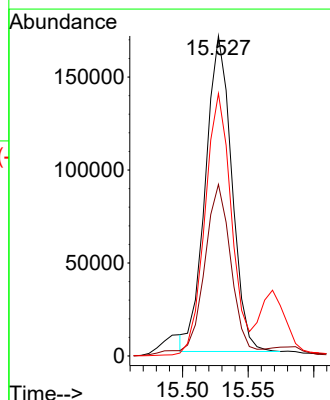
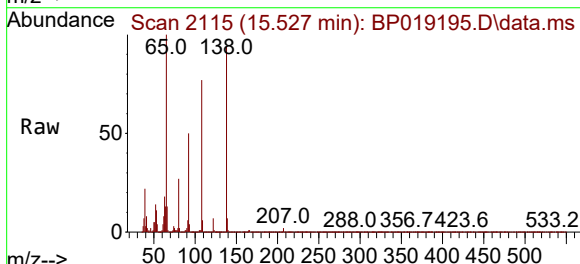
Instrument :
BNA_P
ClientSampleId :
SLCS073

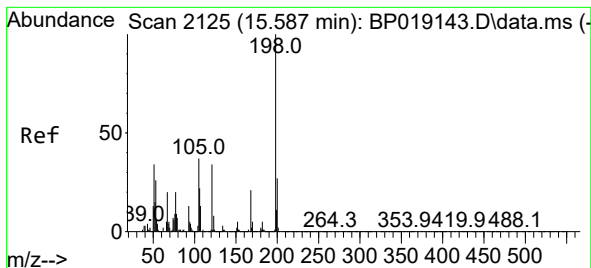
Tgt Ion:204 Resp: 642278
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 50.7 42.2 63.2



#63
4-Nitroaniline
Concen: 25.993 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:138 Resp: 237257
Ion Ratio Lower Upper
138 100
92 53.6 42.2 63.4
108 82.0 66.2 99.4

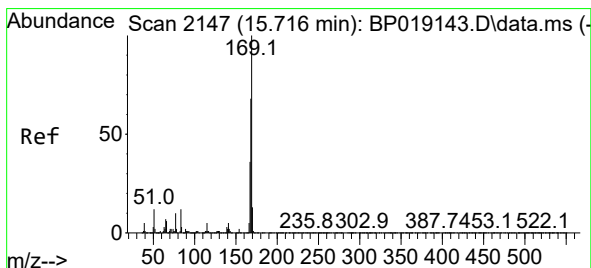
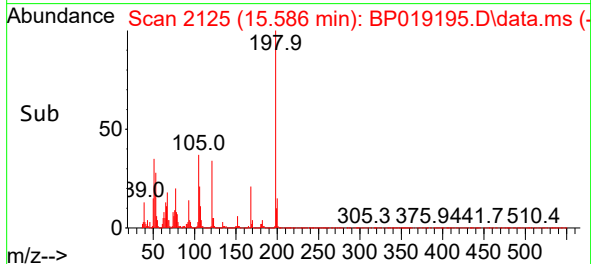
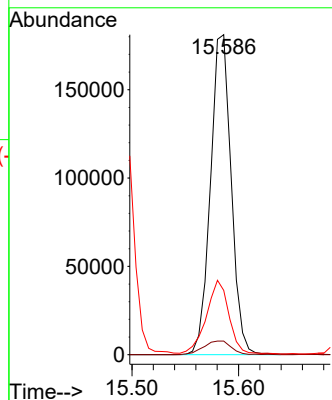
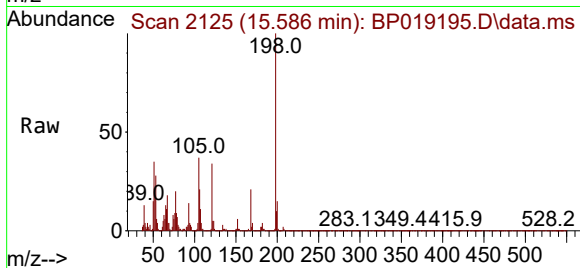




#66
4,6-Dinitro-2-methylphenol
Concen: 26.241 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

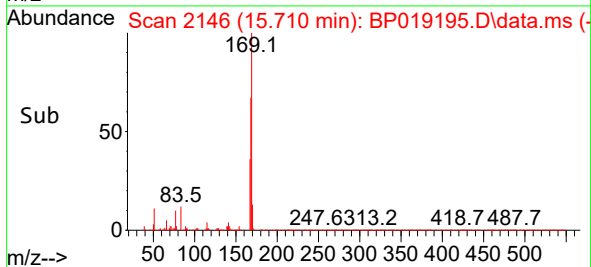
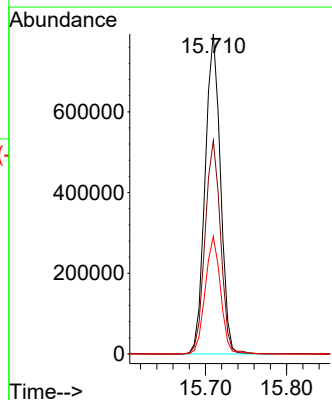
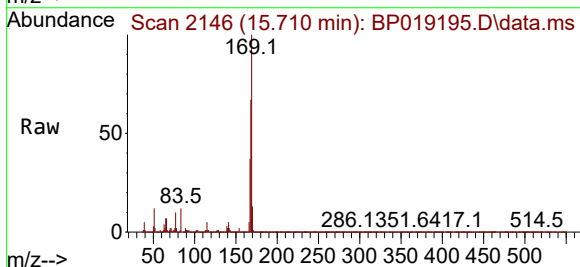
Instrument :
BNA_P
ClientSampleId :
SLCS073

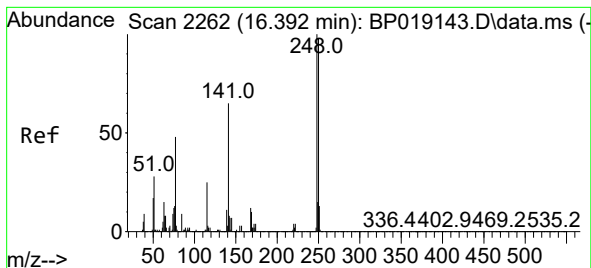
Tgt Ion:198 Resp: 245244
Ion Ratio Lower Upper
198 100
182 4.3 4.0 6.0
77 20.1 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 25.193 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:169 Resp: 1035256
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.7 29.5 44.3

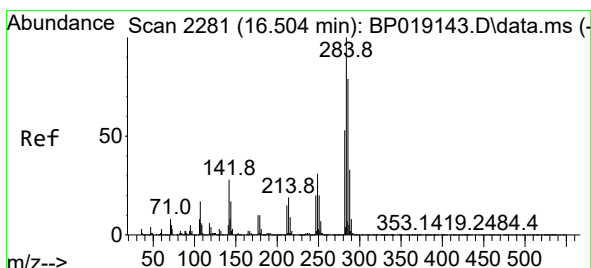
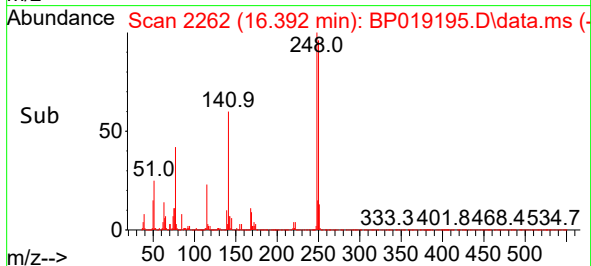
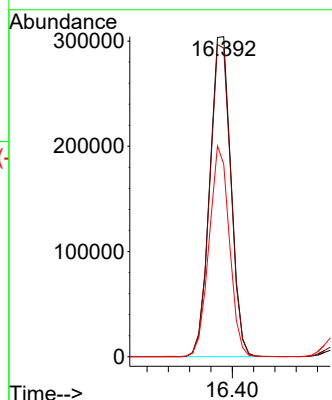
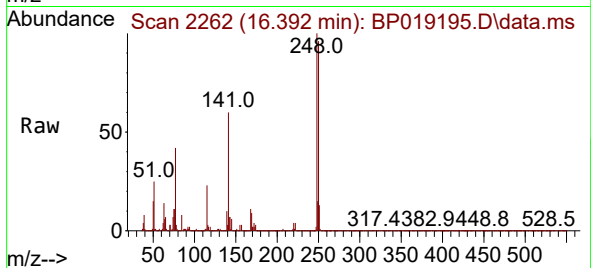




#68
4-Bromophenyl-phenylether
Concen: 25.036 ng/ul
RT: 16.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

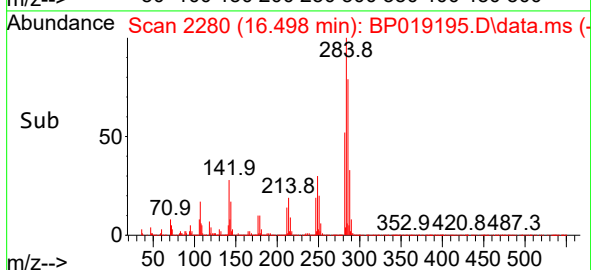
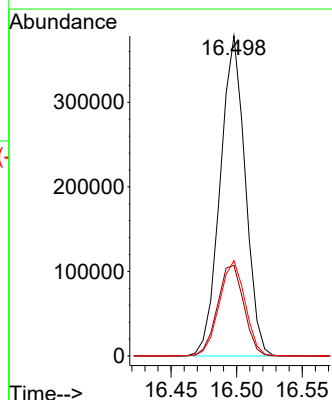
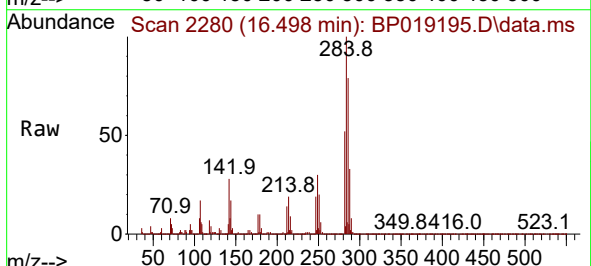
Instrument :
BNA_P
ClientSampleId :
SLCS073

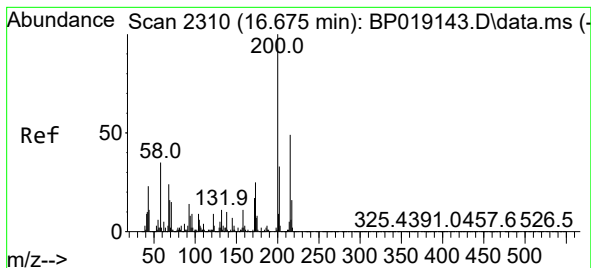
Tgt Ion:248 Resp: 418981
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 60.2 48.6 72.8



#69
Hexachlorobenzene
Concen: 24.548 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:284 Resp: 502039
Ion Ratio Lower Upper
284 100
142 28.4 22.9 34.3
249 29.8 23.7 35.5





#70

Atrazine

Concen: 32.676 ng/ul

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

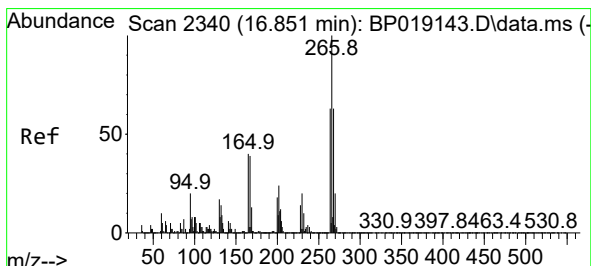
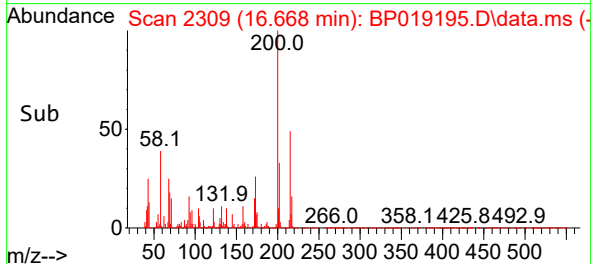
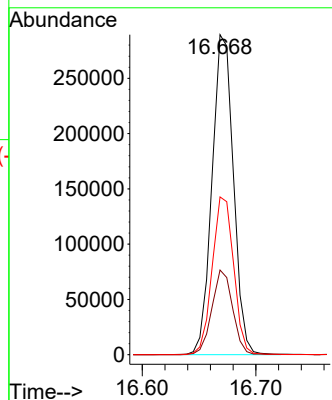
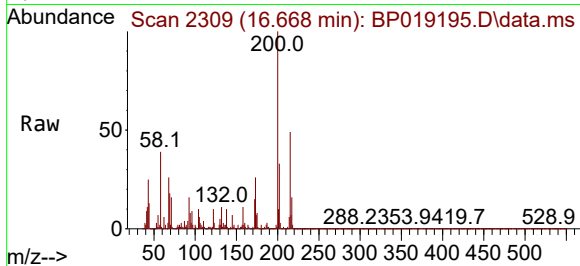
Tgt Ion:200 Resp: 378945

Ion Ratio Lower Upper

200 100

173 26.5 20.2 30.2

215 49.3 39.9 59.9



#71

Pentachlorophenol

Concen: 25.813 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

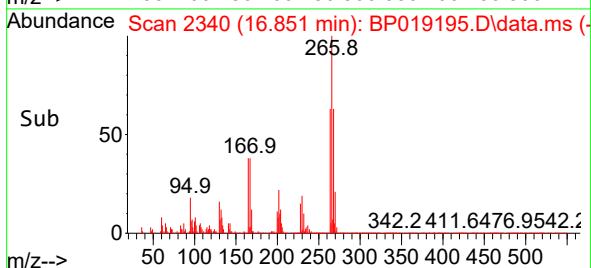
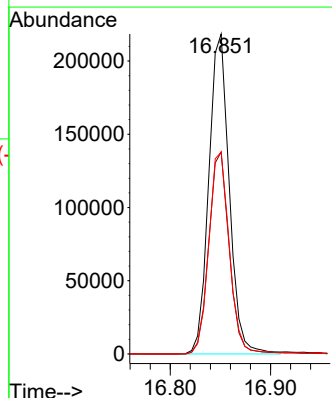
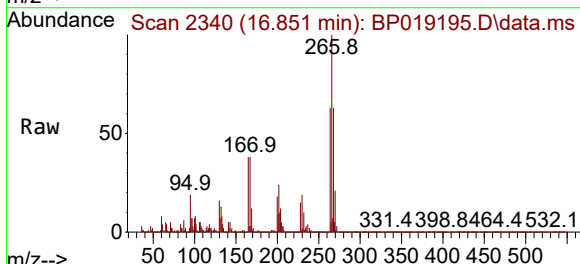
Tgt Ion:266 Resp: 309953

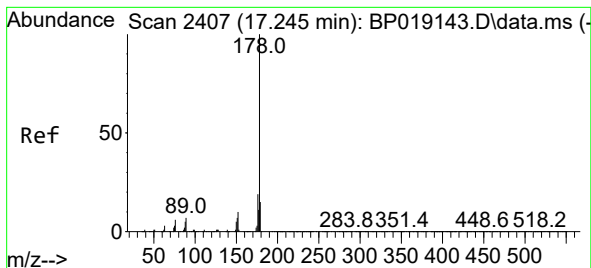
Ion Ratio Lower Upper

266 100

264 63.2 50.0 75.0

268 63.1 52.8 79.2





#72

Phenanthrene

Concen: 24.830 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

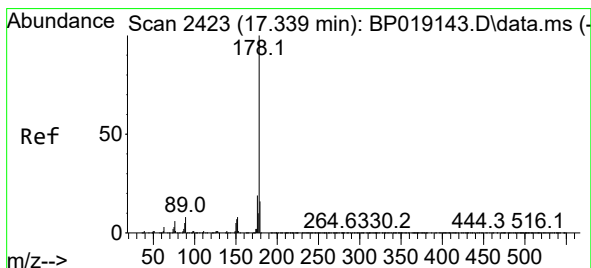
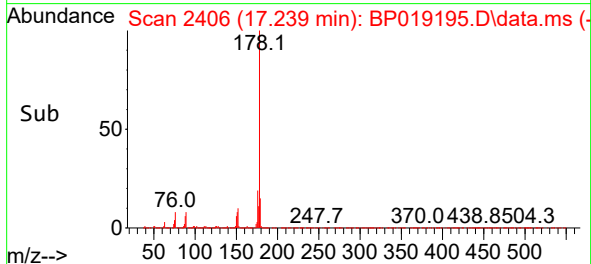
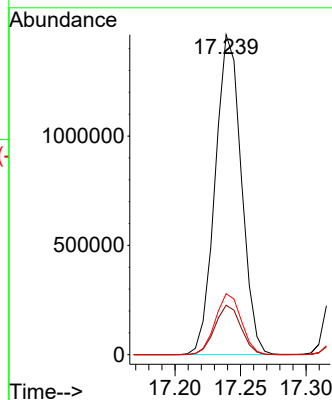
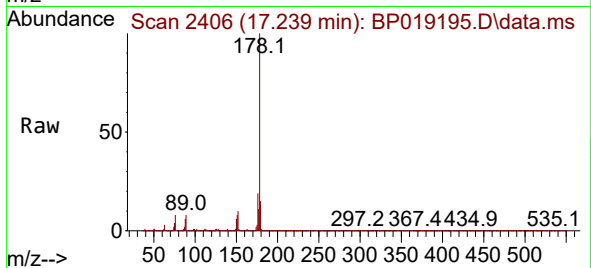
Tgt Ion:178 Resp: 2025999

Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

176 19.0 15.0 22.6



#74

Anthracene

Concen: 25.299 ng/ul

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

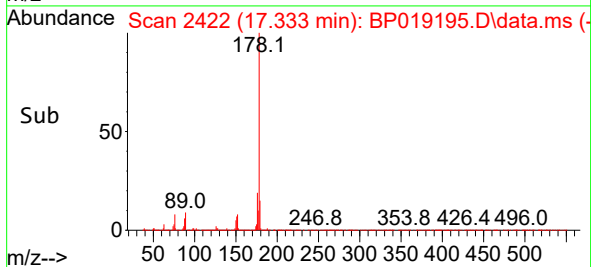
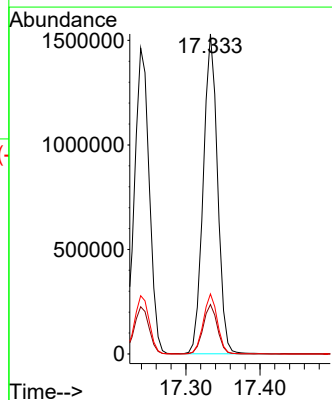
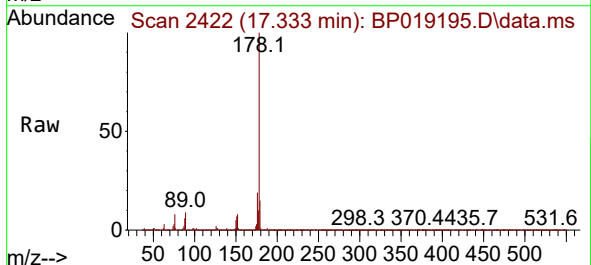
Tgt Ion:178 Resp: 2055104

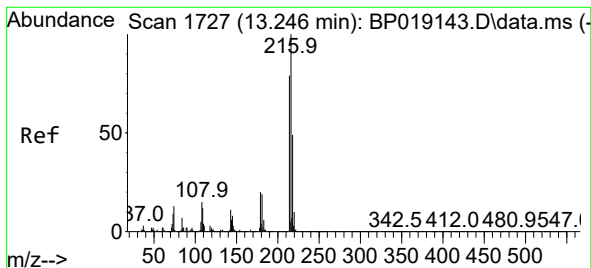
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.8 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.332 ng/uL

RT: 13.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

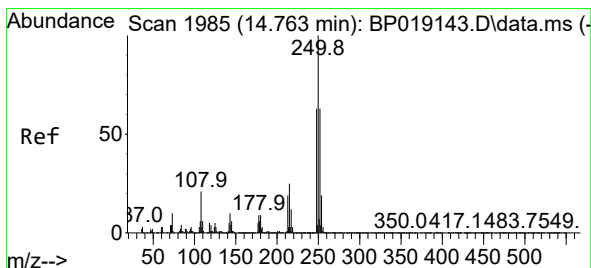
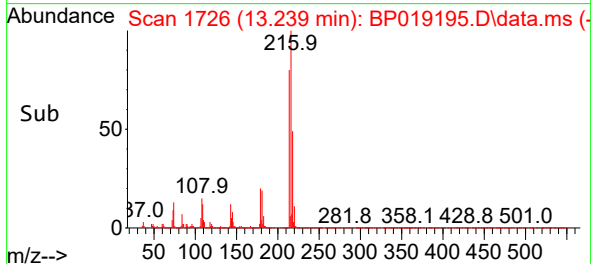
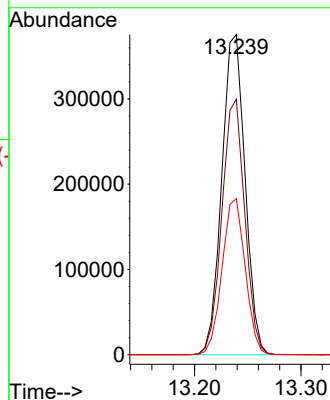
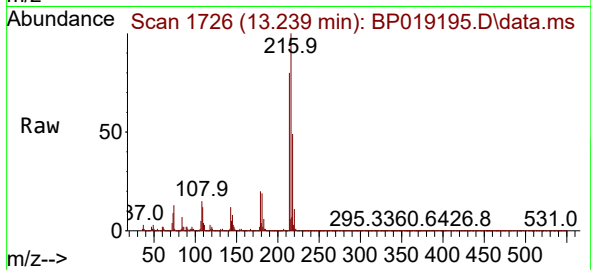
Tgt Ion:216 Resp: 569630

Ion Ratio Lower Upper

216 100

214 79.8 61.6 92.4

218 48.8 38.9 58.3



#76

Pentachlorobenzene

Concen: 24.071 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

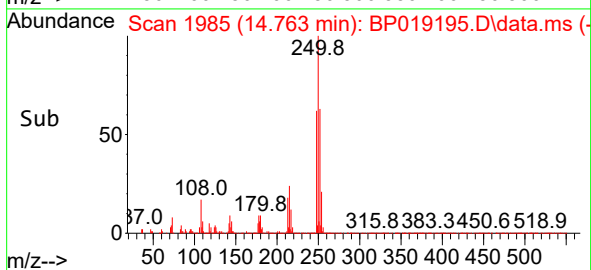
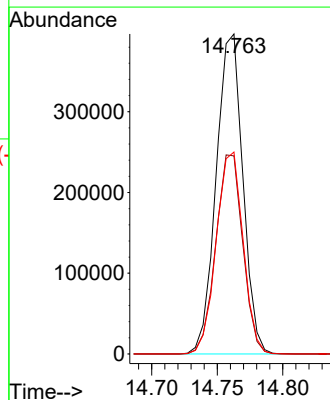
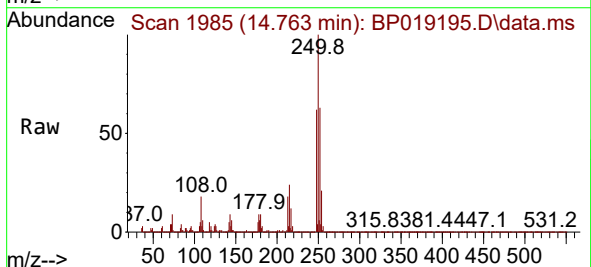
Tgt Ion:250 Resp: 559957

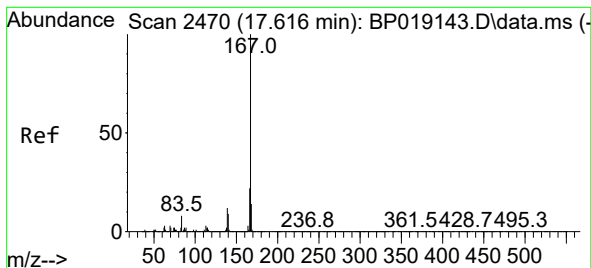
Ion Ratio Lower Upper

250 100

248 61.9 50.4 75.6

252 63.1 52.1 78.1





#77

Carbazole

Concen: 27.825 ng/ul

RT: 17.610 min Scan# 2470

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

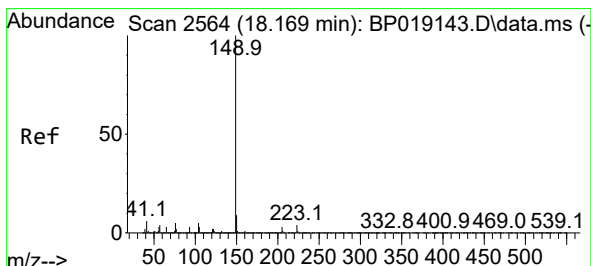
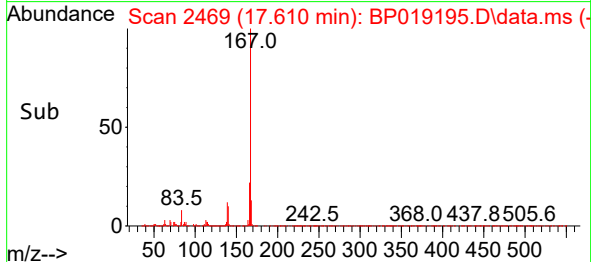
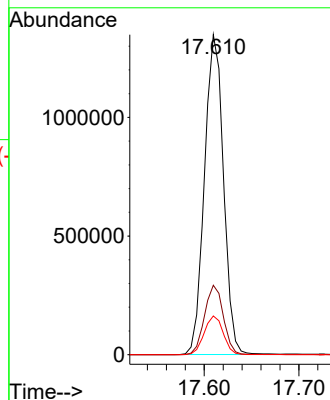
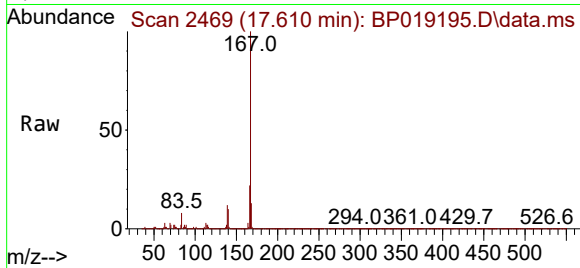
Tgt Ion:167 Resp: 1880103

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.1 9.8 14.6



#78

Di-n-butylphthalate

Concen: 25.221 ng/ul

RT: 18.168 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

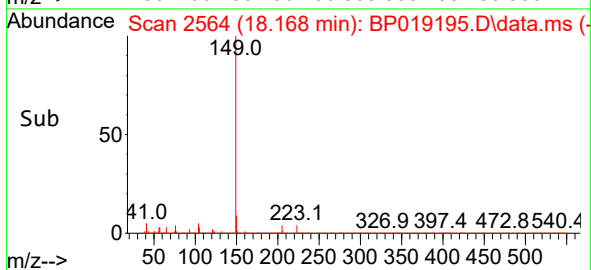
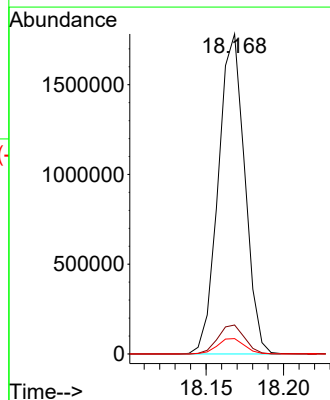
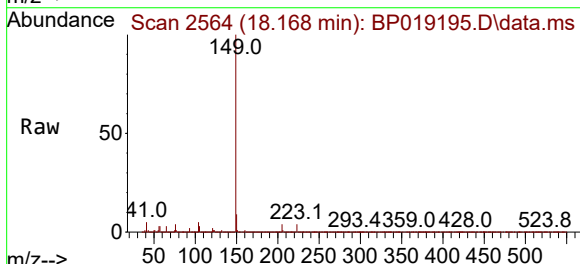
Tgt Ion:149 Resp: 2113498

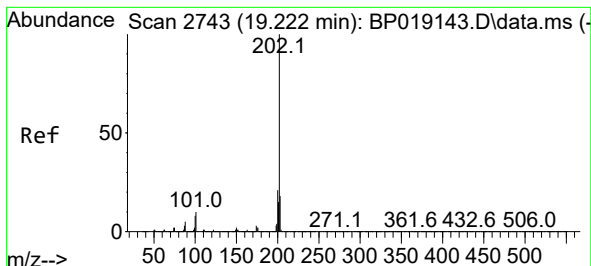
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.8 3.9 5.9





#80

Fluoranthene

Concen: 25.165 ng/ul

RT: 19.215 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

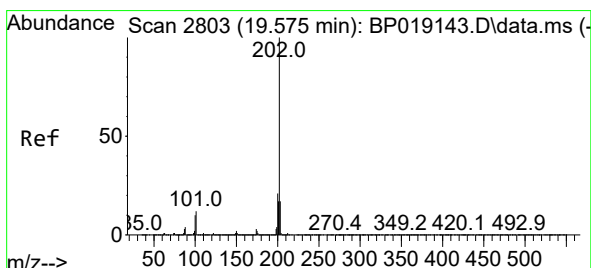
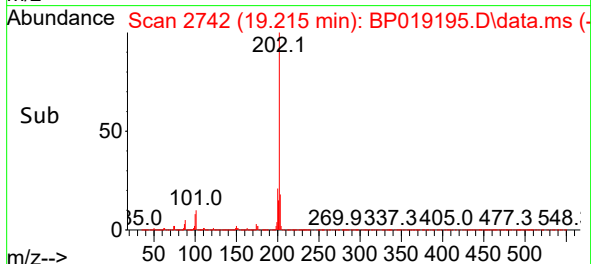
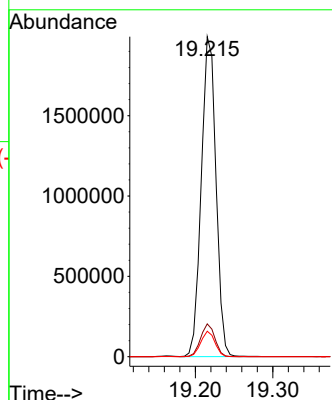
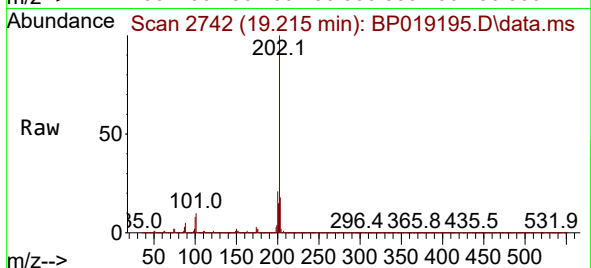
Tgt Ion:202 Resp: 2622961

Ion Ratio Lower Upper

202 100

101 10.3 7.8 11.6

100 8.0 6.0 9.0



#82

Pyrene

Concen: 25.046 ng/ul

RT: 19.574 min Scan# 2803

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

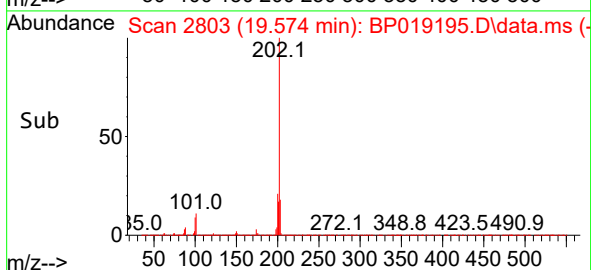
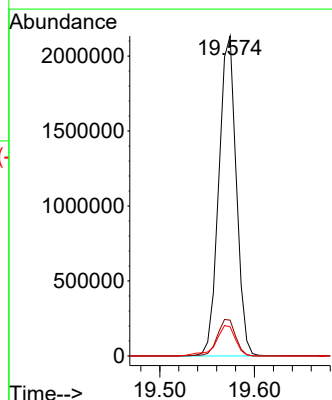
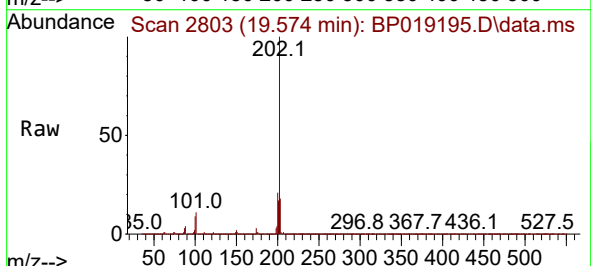
Tgt Ion:202 Resp: 2735071

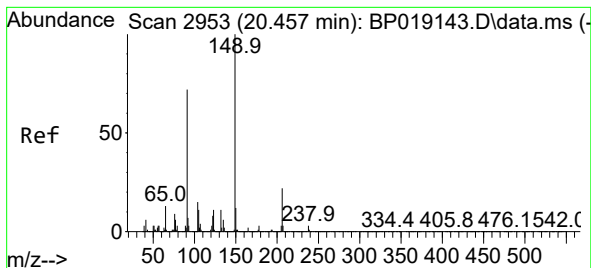
Ion Ratio Lower Upper

202 100

101 11.2 9.2 13.8

100 9.1 7.8 11.6





#83

Butylbenzylphthalate

Concen: 25.893 ng/ul

RT: 20.456 min Scan# 2953

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

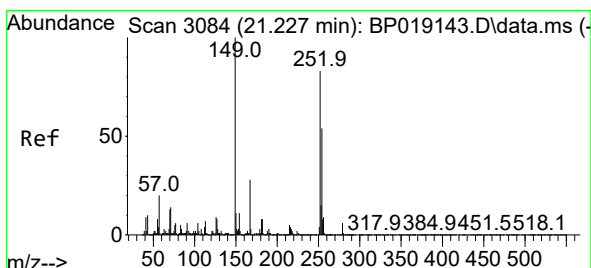
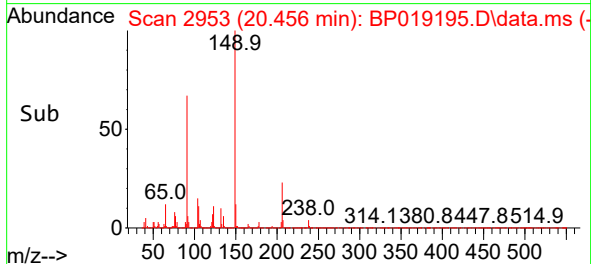
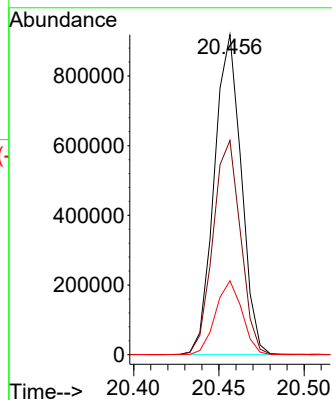
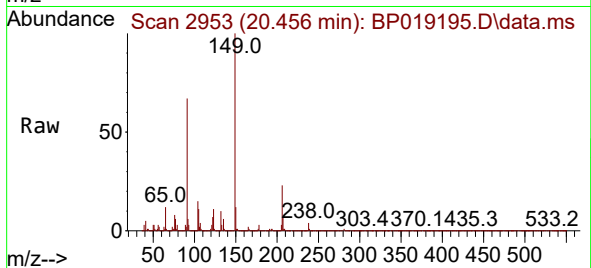
Tgt Ion:149 Resp: 1010037

Ion Ratio Lower Upper

149 100

91 67.0 55.6 83.4

206 23.1 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 25.787 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

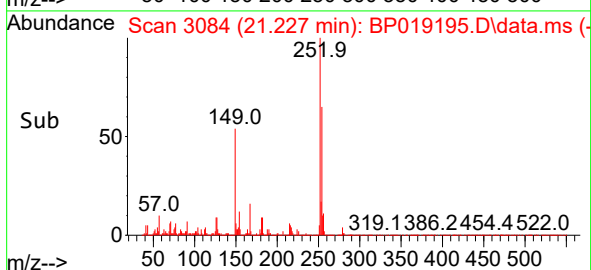
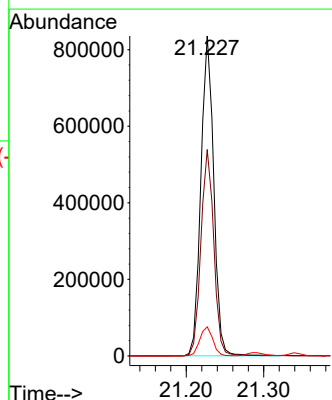
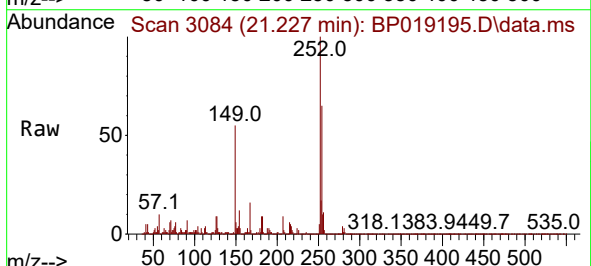
Tgt Ion:252 Resp: 961448

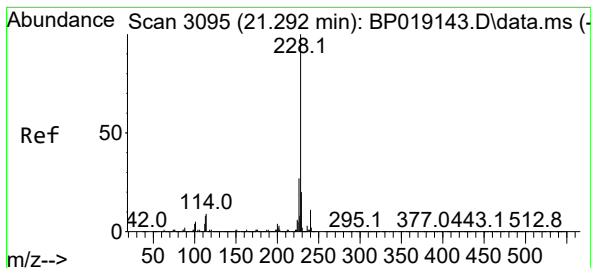
Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

126 9.1 7.6 11.4





#85

Benzo(a)anthracene

Concen: 25.469 ng/ul

RT: 21.286 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

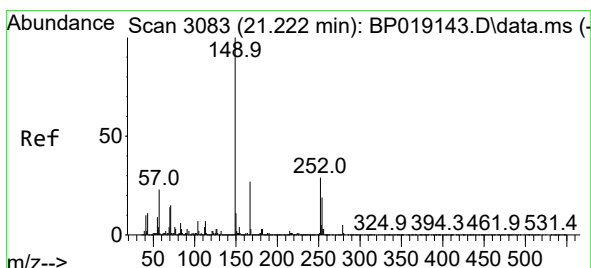
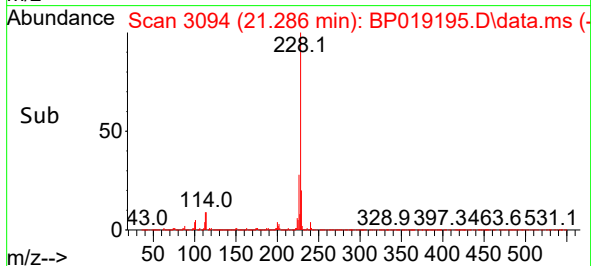
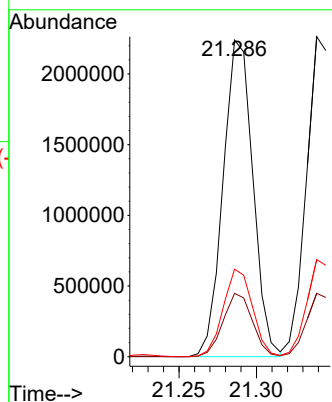
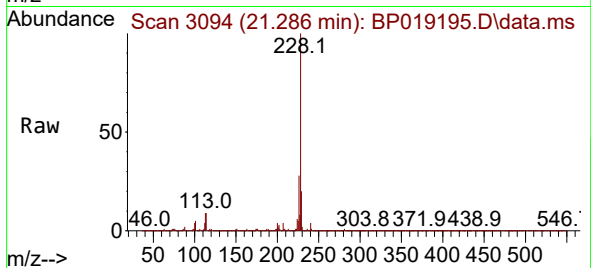
Tgt Ion:228 Resp: 2999138

Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

226 27.6 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.387 ng/ul

RT: 21.215 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

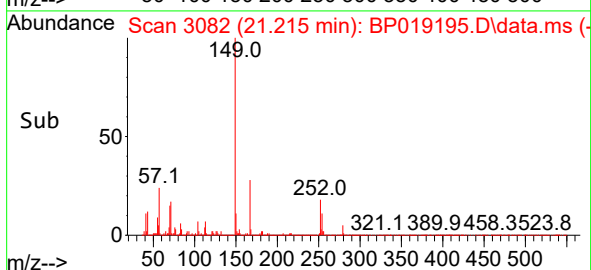
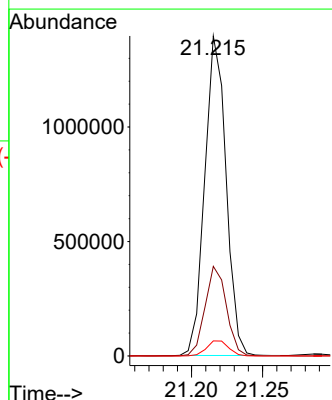
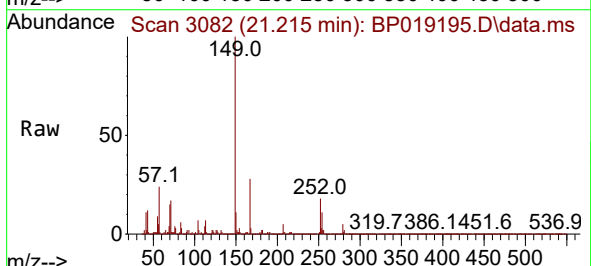
Tgt Ion:149 Resp: 1458204

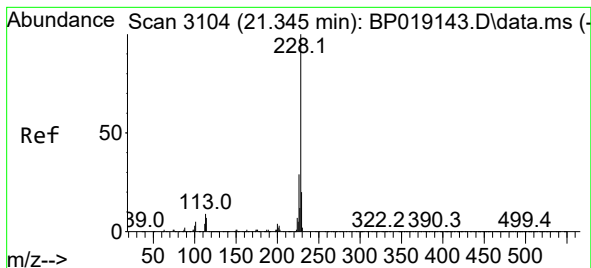
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.7 4.0 6.0





#87

Chrysene

Concen: 25.405 ng/ul

RT: 21.339 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

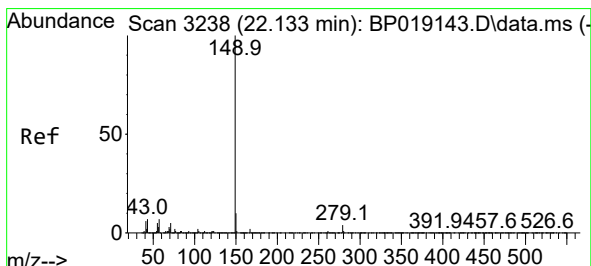
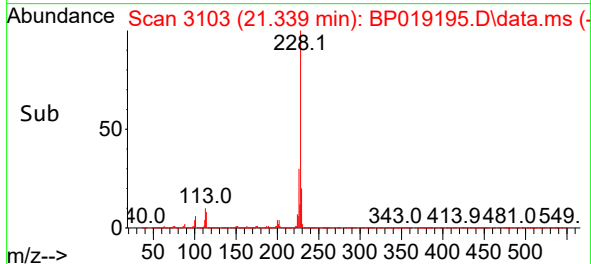
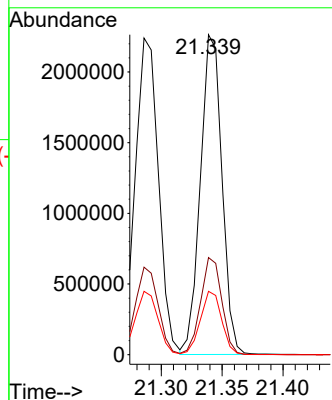
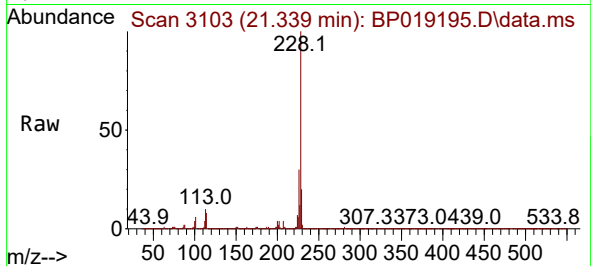
Tgt Ion:228 Resp: 2789613

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.2

229 19.8 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 25.198 ng/ul

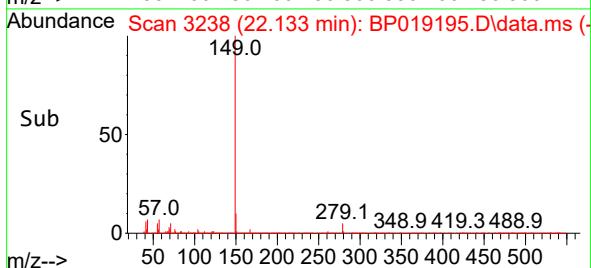
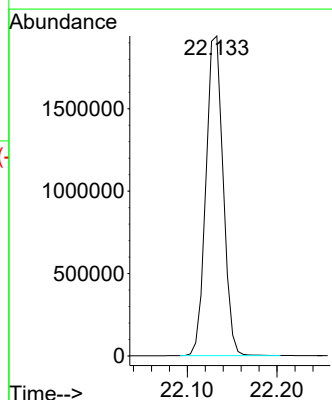
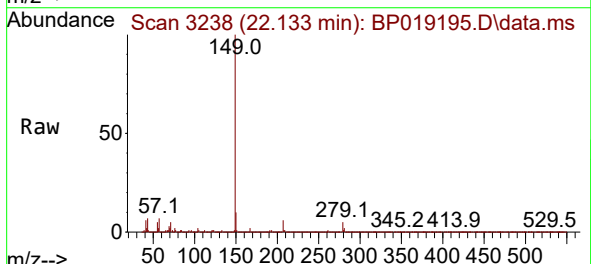
RT: 22.133 min Scan# 3238

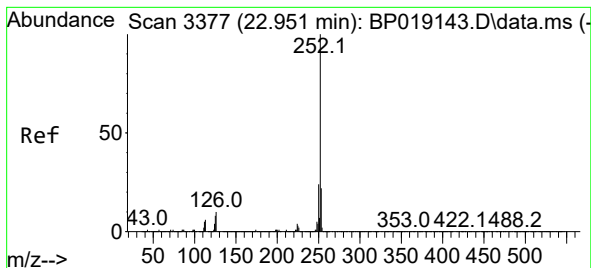
Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Tgt Ion:149 Resp: 2580735





#90

Benzo(b)fluoranthene

Concen: 24.859 ng/ul

RT: 22.945 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

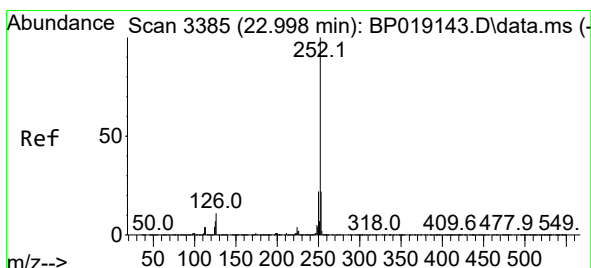
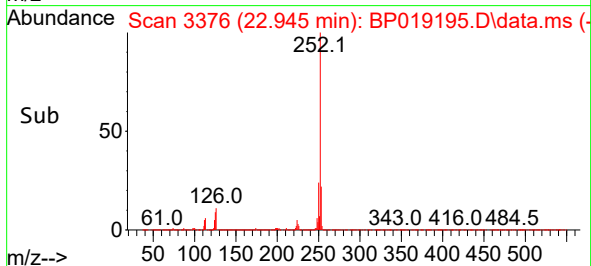
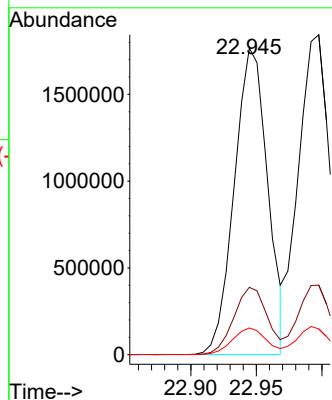
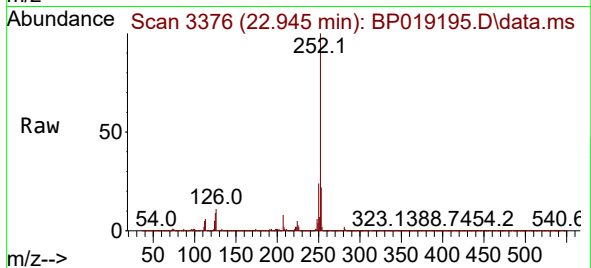
Tgt Ion:252 Resp: 3127346

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 8.7 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 25.422 ng/ul

RT: 22.998 min Scan# 3385

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

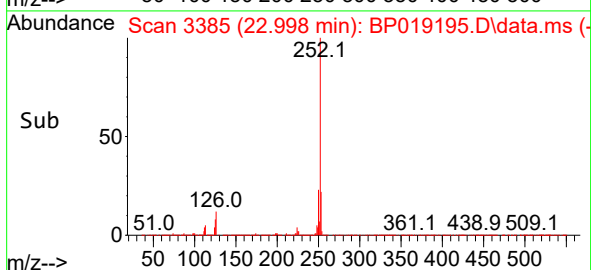
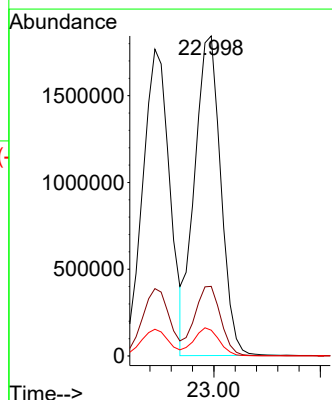
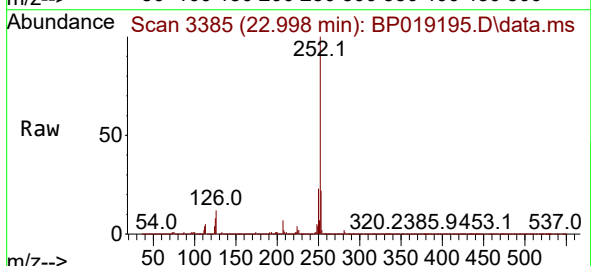
Tgt Ion:252 Resp: 3142660

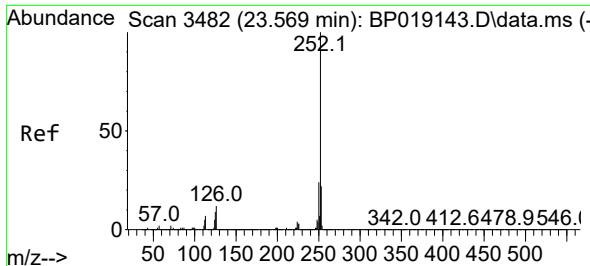
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.1 6.7 10.1

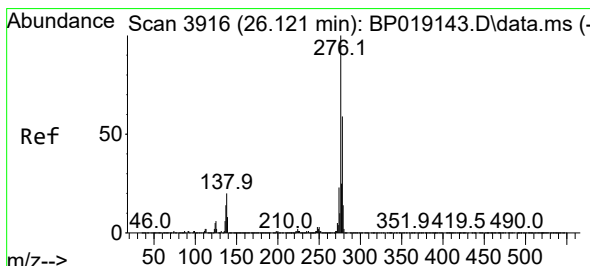
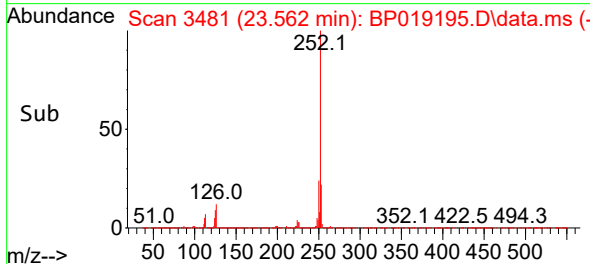
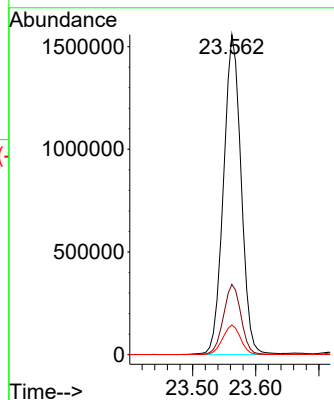
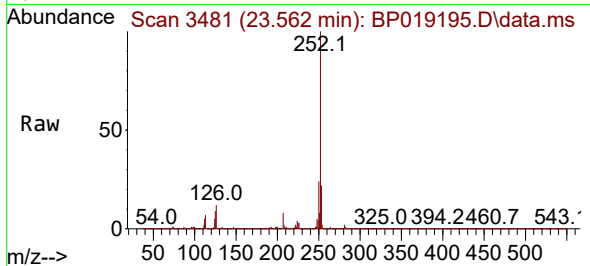




#93
Benzo(a)pyrene
Concen: 25.452 ng/ul
RT: 23.562 min Scan# 3482
Delta R.T. -0.006 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

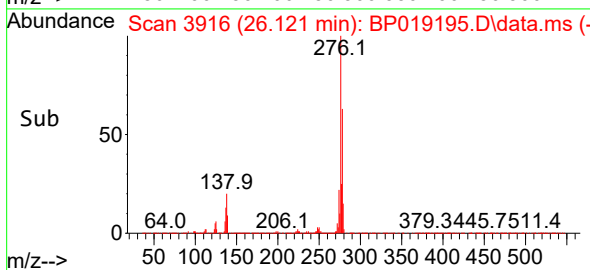
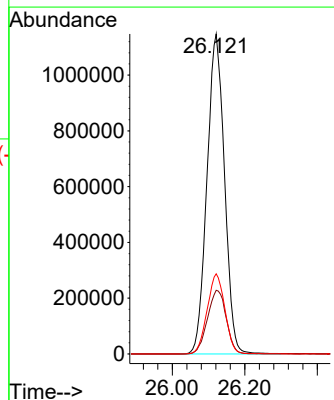
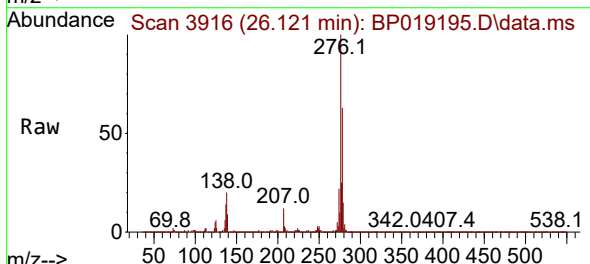
Instrument :
BNA_P
ClientSampleId :
SLCS073

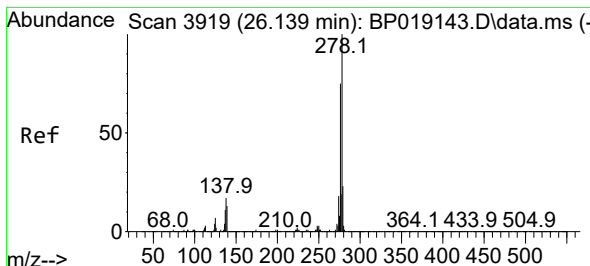
Tgt Ion:252 Resp: 3013652
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.3 7.4 11.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 25.352 ng/ul
RT: 26.121 min Scan# 3916
Delta R.T. -0.000 min
Lab File: BP019195.D
Acq: 30 Dec 2023 08:19

Tgt Ion:276 Resp: 3848184
Ion Ratio Lower Upper
276 100
138 19.9 16.6 25.0
277 25.0 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 25.268 ng/ul

RT: 26.139 min Scan# 3919

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Instrument :

BNA_P

ClientSampleId :

SLCS073

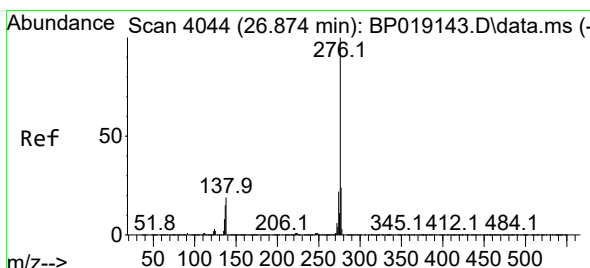
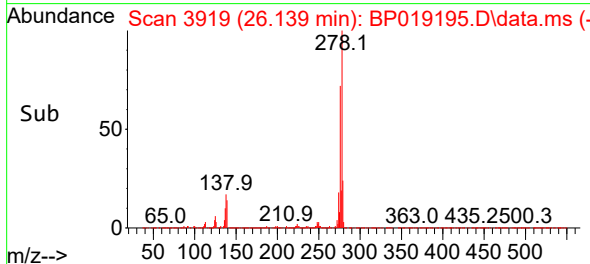
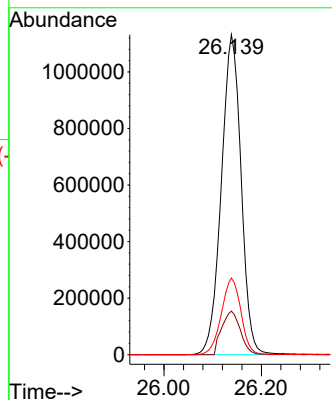
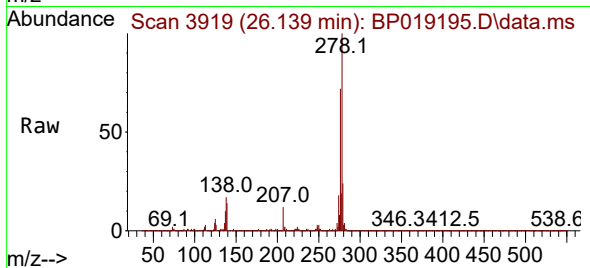
Tgt Ion:278 Resp: 3190637

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

279 23.9 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 25.574 ng/ul

RT: 26.874 min Scan# 4044

Delta R.T. -0.000 min

Lab File: BP019195.D

Acq: 30 Dec 2023 08:19

Tgt Ion:276 Resp: 3110818

Ion Ratio Lower Upper

276 100

138 18.6 15.2 22.8

277 24.2 19.4 29.0

