

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014735.D
 Acq On : 19 Apr 2023 17:49
 Operator : CG/JU
 Sample : PB152183BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS183

Quant Time: Apr 20 01:47:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 01:37:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	167267	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	675600	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	409349	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.533	188	882867	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	832986	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	861301	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	25612	6.086	ng/uL	0.00
4) Pyridine-d5	3.917	84	255014	22.256	ng/u1	0.00
7) Phenol-d5	7.293	99	438600	30.328	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	272710	30.566	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	337628	31.435	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	337116	29.901	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	144500	34.133	ng/u1	0.00
24) 2-Nitrophenol-d4	10.051	143	132305	34.602	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	336732	32.434	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	315746	19.926	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	1030550	31.795	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	1190911	31.704	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	162825	31.582	ng/u1	0.00
60) Fluorene-d10	15.775	176	888277	31.938	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	110785	31.008	ng/u1	0.00
73) Anthracene-d10	17.633	188	1367968	32.074	ng/u1	0.00
81) Pyrene-d10	19.851	212	1579656	33.104	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1507278	33.765	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	52609	11.574	ng/uL	94
5) Pyridine	3.934	79	328861	28.606	ng/u1	99
6) Benzaldehyde	7.281	77	233831	32.689	ng/u1	96
8) Phenol	7.316	94	462640	30.648	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.563	93	373519	30.517	ng/u1	100
12) 2-Chlorophenol	7.710	128	354630	31.575	ng/u1	99
13) 2-Methylphenol	8.587	108	340697	30.156	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.681	45	471642	30.181	ng/u1	98
16) Acetophenone	8.981	105	585197	31.204	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	276437	30.306	ng/u1	97
18) 4-Methylphenol	8.916	108	370315	30.164	ng/u1	97
19) Hexachloroethane	9.252	117	150035	31.713	ng/u1	98
22) Nitrobenzene	9.369	77	381316	33.149	ng/u1	98
23) Isophorone	9.893	82	780169	30.037	ng/u1	98
25) 2-Nitrophenol	10.087	139	160126	35.258	ng/u1	99
26) 2,4-Dimethylphenol	10.134	107	388473	30.678	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.375	93	495266	30.777	ng/u1	99
29) 2,4-Dichlorophenol	10.616	162	339391	32.388	ng/u1	97
30) Naphthalene	11.034	128	1183324	31.252	ng/u1	99
32) 4-Chloroaniline	11.134	127	458268	28.547	ng/u1	98
33) Hexachlorobutadiene	11.322	225	235939	31.832	ng/u1	99
34) Caprolactam	11.893	113	92645	29.198	ng/u1	97
35) 4-Chloro-3-methylphenol	12.234	107	344694	31.475	ng/u1	97
36) 2-Methylnaphthalene	12.628	142	780610	30.882	ng/u1	99

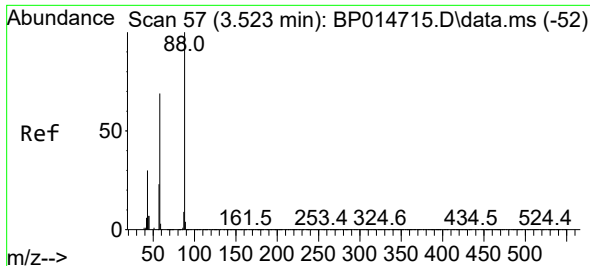
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.845	142	792386	31.620	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	444007	32.232	ng/ul	97
40) Hexachlorocyclopentadiene	12.969	237	229751	29.476	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	247788	31.758	ng/ul	99
42) 2,4,5-Trichlorophenol	13.287	196	280643	33.248	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	1064571	32.072	ng/ul	100
44) 2-Chloronaphthalene	13.669	162	835185	32.201	ng/ul	99
45) 2-Nitroaniline	13.863	65	178008	36.256	ng/ul	100
47) Dimethylphthalate	14.234	163	1032698	31.631	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	161117	36.180	ng/ul	95
50) Acenaphthylene	14.510	152	1299452	31.919	ng/ul	99
51) 3-Nitroaniline	14.681	138	166218	32.816	ng/ul	98
52) Acenaphthene	14.851	153	884249	31.856	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	63827	29.622	ng/ul	98
55) 4-Nitrophenol	14.969	109	141241	33.397	ng/ul	97
56) Dibenzofuran	15.181	168	1241666	31.783	ng/ul	99
57) 2,4-Dinitrotoluene	15.134	165	242773	37.155	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.398	232	221819	30.946	ng/ul	95
59) Diethylphthalate	15.592	149	1022474	32.276	ng/ul	99
61) Fluorene	15.834	166	1045786	32.794	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.822	204	526359	32.279	ng/ul	99
63) 4-Nitroaniline	15.839	138	200257	39.557	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.892	198	122890	32.309	ng/ul	95
67) N-Nitrosodiphenylamine	16.034	169	859753	32.680	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	322481	32.592	ng/ul	97
69) Hexachlorobenzene	16.839	284	370229	32.249	ng/ul	99
70) Atrazine	16.975	200	29632	3.171	ng/ul	98
71) Pentachlorophenol	17.175	266	168687	26.993	ng/ul	99
72) Phenanthrene	17.580	178	1603100	32.218	ng/ul	100
74) Anthracene	17.669	178	1622760	32.169	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	440984	31.987	ng/ul	99
76) Pentachlorobenzene	15.098	250	438656	32.260	ng/ul	99
77) Carbazole	17.928	167	1434069	32.384	ng/ul	99
78) Di-n-butylphthalate	18.469	149	1657121	32.961	ng/ul	99
80) Fluoranthene	19.522	202	1879651	33.857	ng/ul	98
82) Pyrene	19.874	202	1962422	33.404	ng/ul	98
83) Butylbenzylphthalate	20.733	149	545784	34.030	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.510	252	549662	29.474	ng/ul	99
85) Benzo(a)anthracene	21.592	228	1919373	33.149	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	906218	33.496	ng/ul	100
87) Chrysene	21.651	228	1820011	33.203	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1460203	31.334	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	1960805	34.948	ng/ul	100
91) Benzo(k)fluoranthene	23.445	252	1868884	33.306	ng/ul	99
93) Benzo(a)pyrene	24.068	252	1685387	33.823	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	2208247	34.050	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	1849355	34.051	ng/ul	99
96) Benzo(g,h,i)perylene	27.745	276	1758056	33.894	ng/ul	99

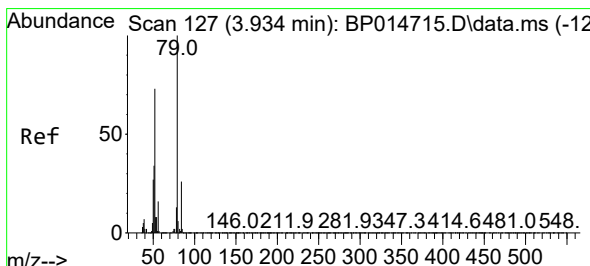
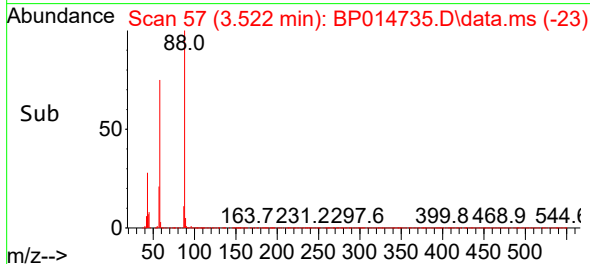
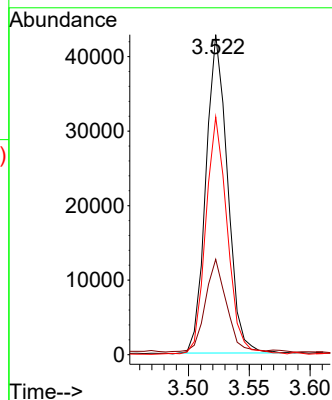
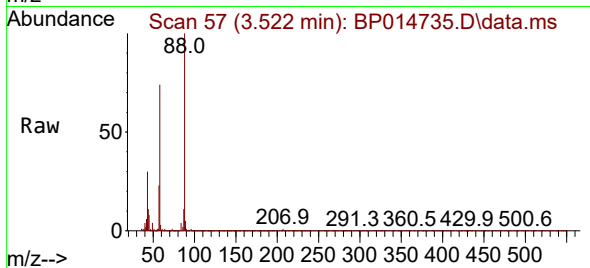
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#2
1,4-Dioxane
Concen: 11.574 ng/uL
RT: 3.522 min Scan# 51
Delta R.T. -0.001 min
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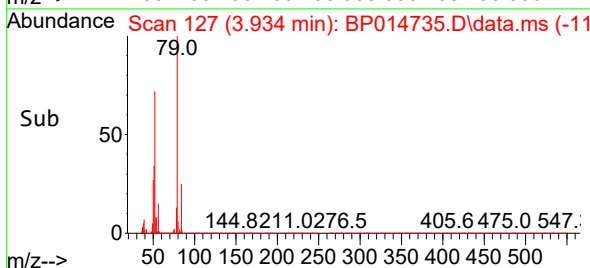
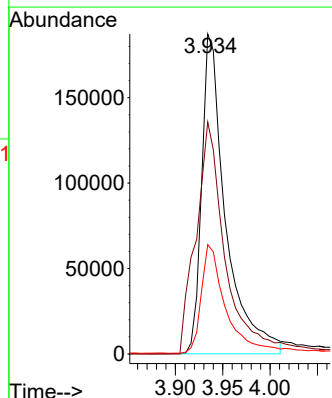
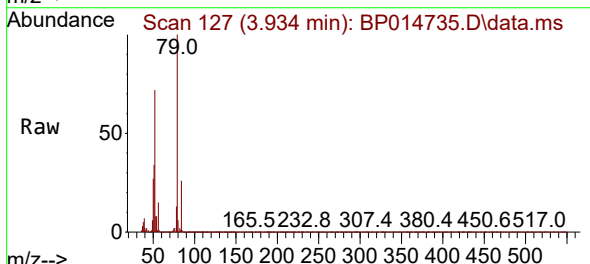
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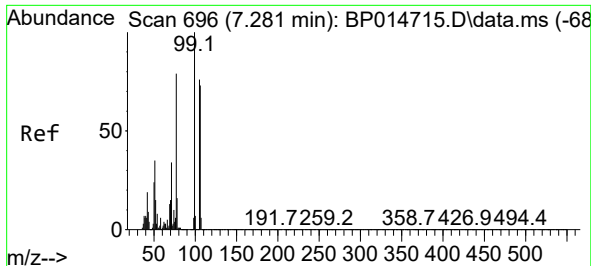
Tgt Ion: 88 Resp: 52609
Ion Ratio Lower Upper
88 100
43 29.8 25.0 37.6
58 74.3 54.9 82.3



#5
Pyridine
Concen: 28.606 ng/uL
RT: 3.934 min Scan# 127
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion: 79 Resp: 328861
Ion Ratio Lower Upper
79 100
52 72.5 58.3 87.5
51 34.1 27.8 41.6

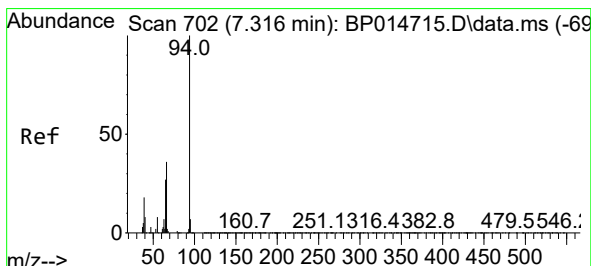
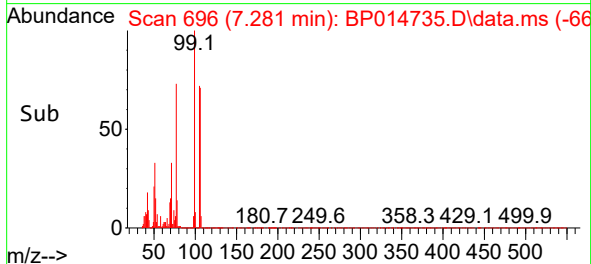
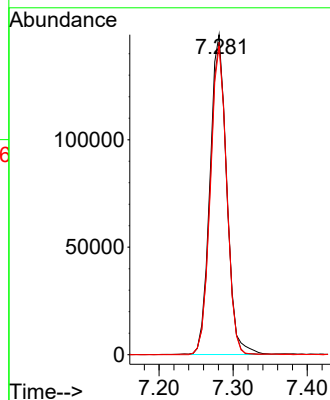
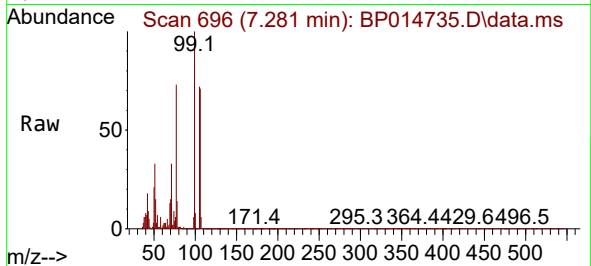




#6
Benzaldehyde
Concen: 32.689 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

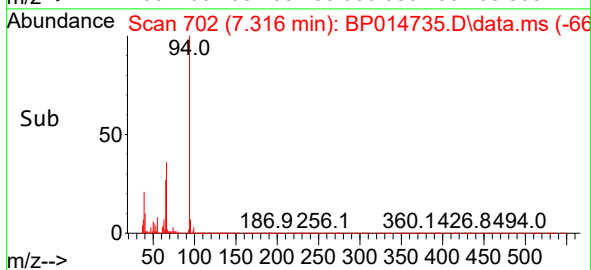
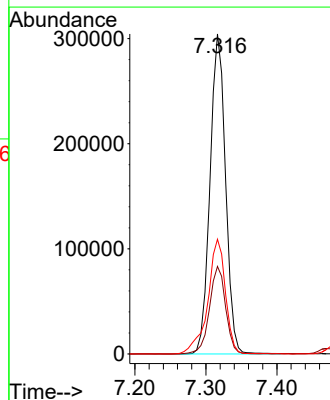
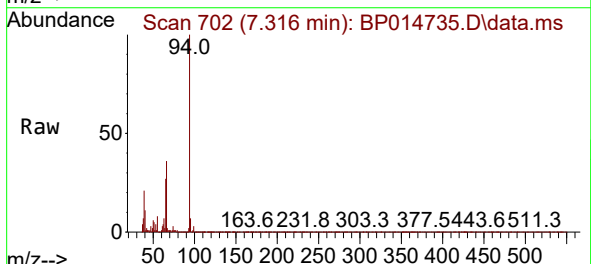
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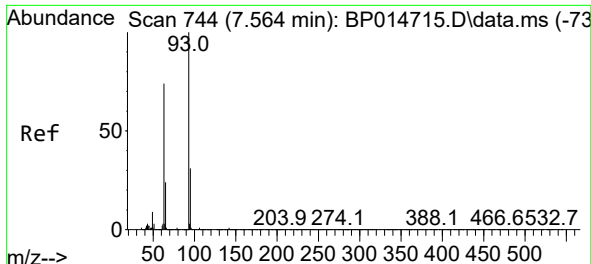
Tgt Ion: 77 Resp: 233831
Ion Ratio Lower Upper
77 100
105 97.7 76.6 114.8
106 96.5 73.3 109.9



#8
Phenol
Concen: 30.648 ng/ul
RT: 7.316 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion: 94 Resp: 462640
Ion Ratio Lower Upper
94 100
65 27.4 21.4 32.0
66 35.9 29.2 43.8

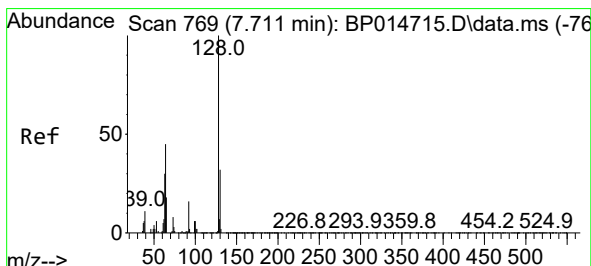
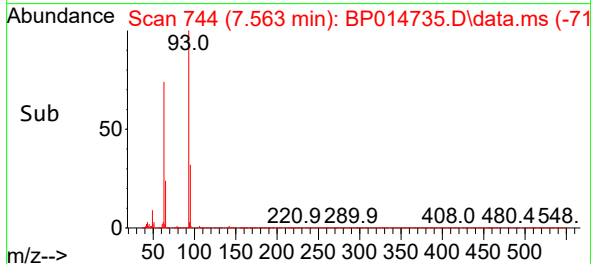
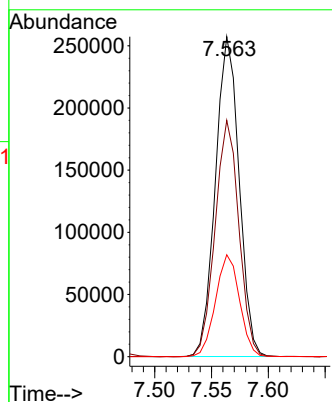
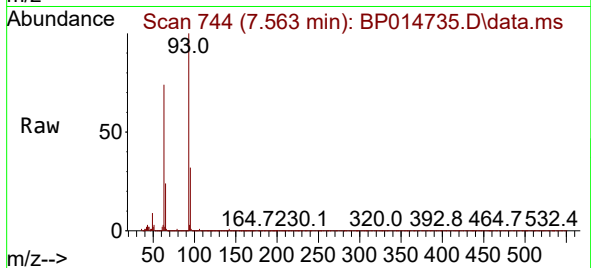




#10
Bis(2-Chloroethyl)ether
Concen: 30.517 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

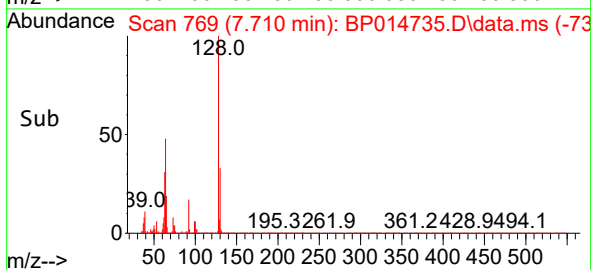
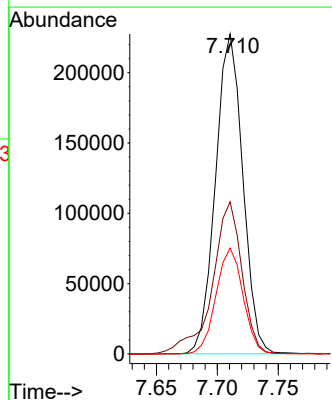
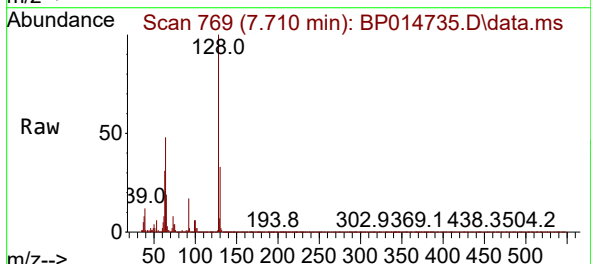
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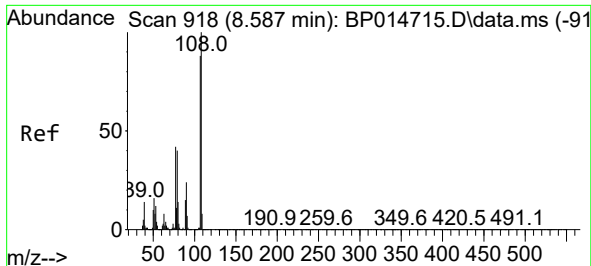
Tgt Ion: 93 Resp: 373519
Ion Ratio Lower Upper
93 100
63 73.8 59.1 88.7
95 31.9 25.1 37.7



#12
2-Chlorophenol
Concen: 31.575 ng/ul
RT: 7.710 min Scan# 769
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:128 Resp: 354630
Ion Ratio Lower Upper
128 100
64 47.6 37.5 56.3
130 33.1 25.8 38.6





#13

2-Methylphenol

Concen: 30.156 ng/ul

RT: 8.587 min Scan# 918

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

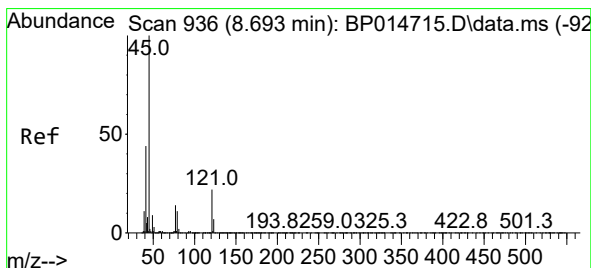
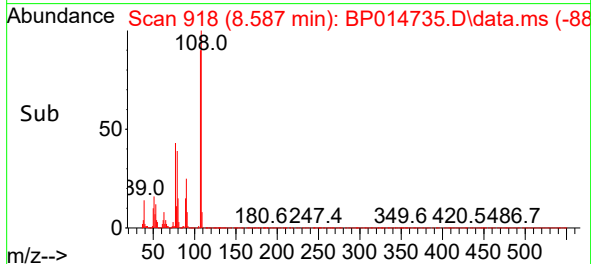
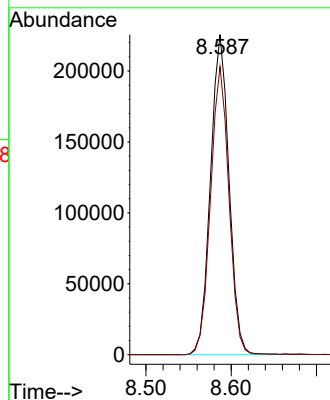
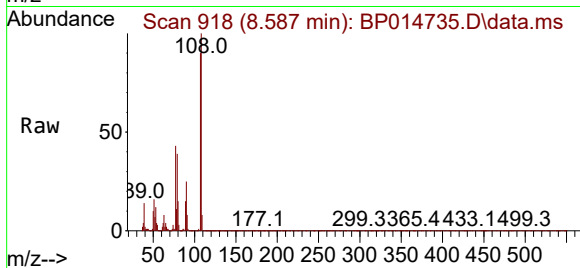
SLCS183

Tgt Ion:108 Resp: 340697

Ion Ratio Lower Upper

108 100

107 90.0 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.181 ng/ul

RT: 8.681 min Scan# 934

Delta R.T. -0.012 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

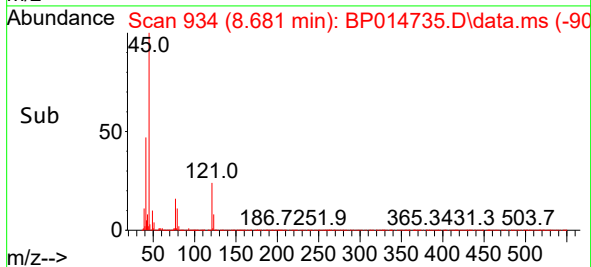
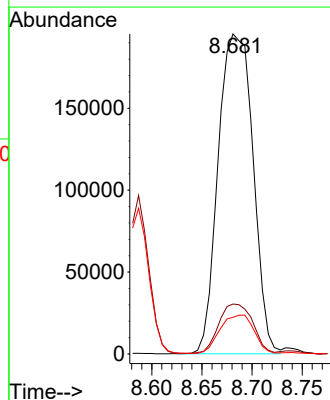
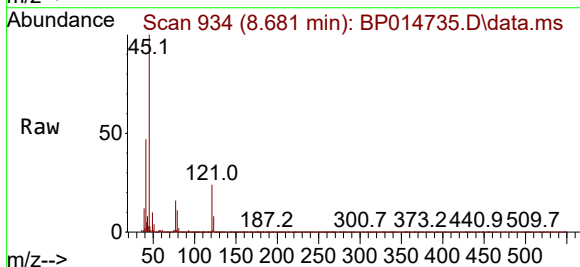
Tgt Ion: 45 Resp: 471642

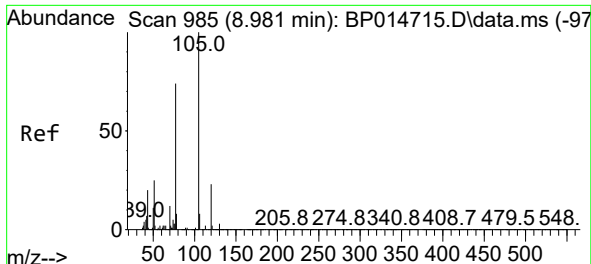
Ion Ratio Lower Upper

45 100

77 15.6 11.6 17.4

79 11.5 9.2 13.8

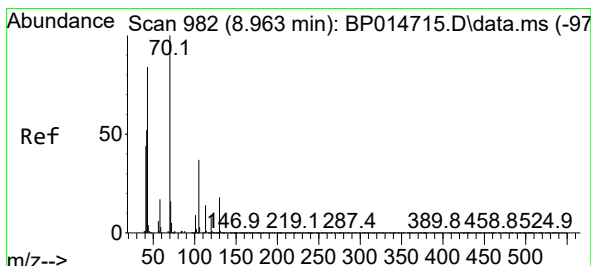
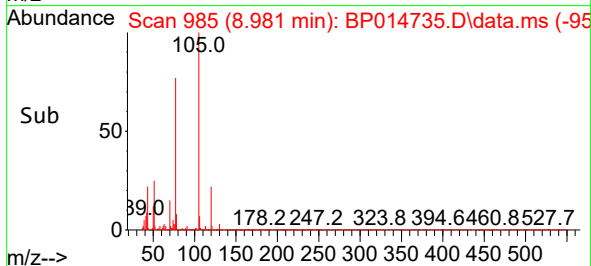
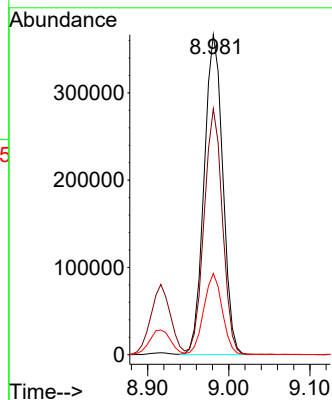
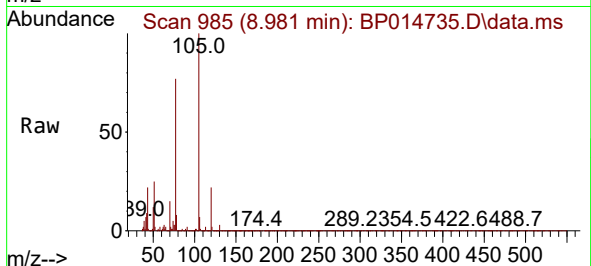




#16
Acetophenone
Concen: 31.204 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. -0.000 min
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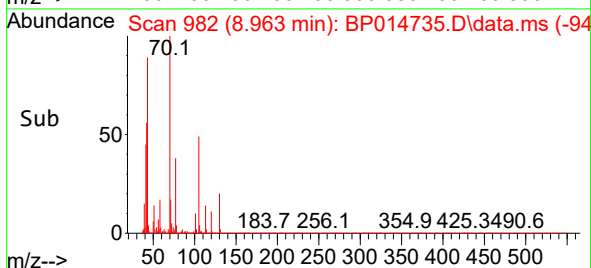
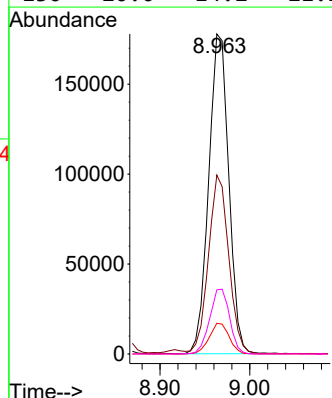
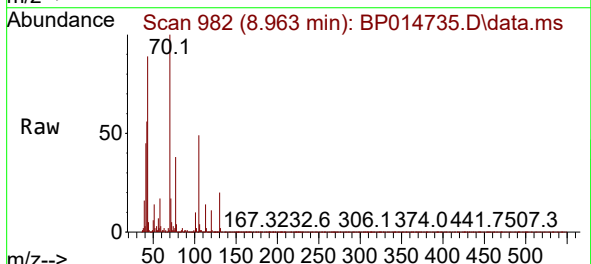
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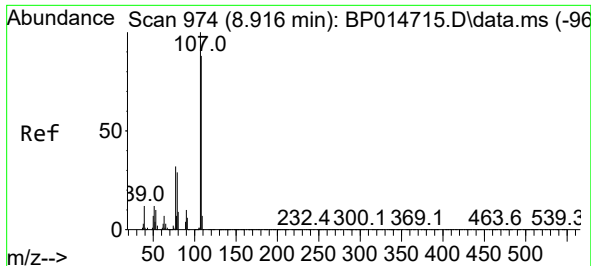
Tgt Ion:105 Resp: 585197
Ion Ratio Lower Upper
105 100
77 76.9 60.6 91.0
51 25.4 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 30.306 ng/ul
RT: 8.963 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion: 70 Resp: 276437
Ion Ratio Lower Upper
70 100
42 55.9 42.9 64.3
101 9.6 7.6 11.4
130 20.0 14.2 21.2

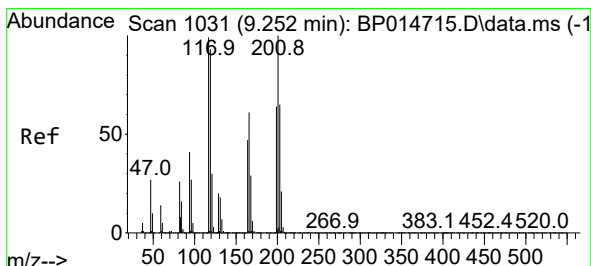
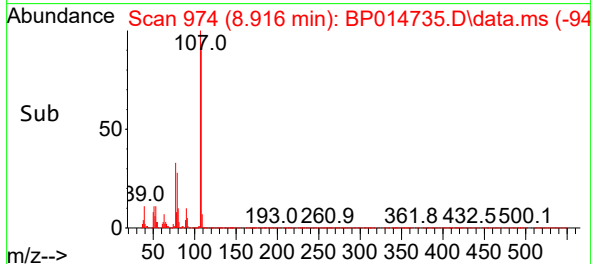
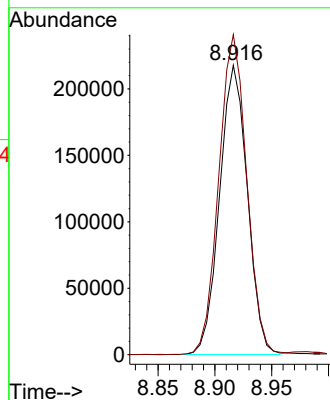
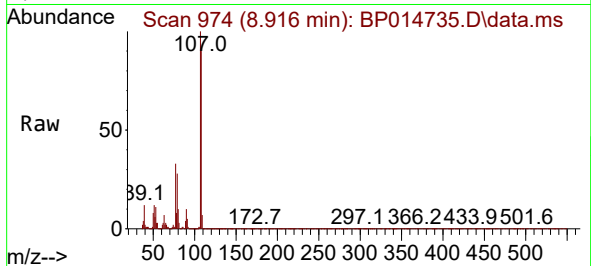




#18
4-Methylphenol
Concen: 30.164 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

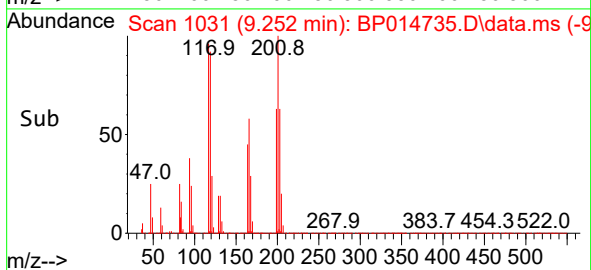
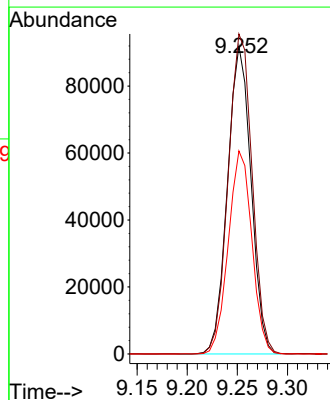
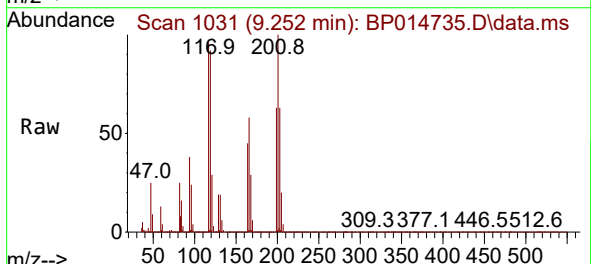
Instrument :
BNA_P
ClientSampleId :
SLCS183

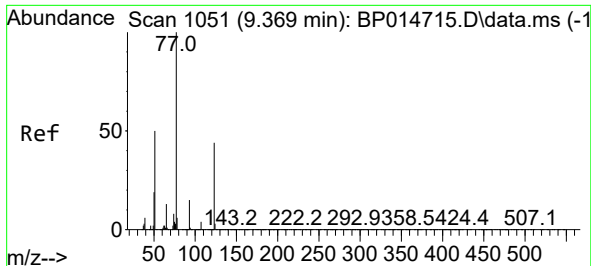
Tgt Ion:108 Resp: 370315
Ion Ratio Lower Upper
108 100
107 110.5 90.8 136.2



#19
Hexachloroethane
Concen: 31.713 ng/ul
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:117 Resp: 150035
Ion Ratio Lower Upper
117 100
201 103.9 81.0 121.4
199 65.9 51.5 77.3

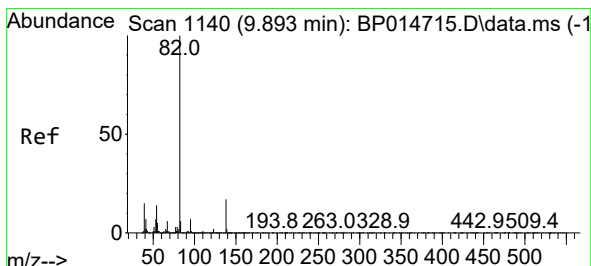
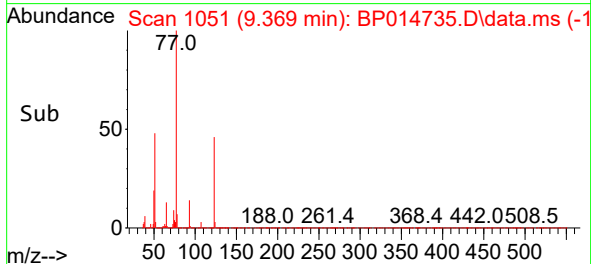
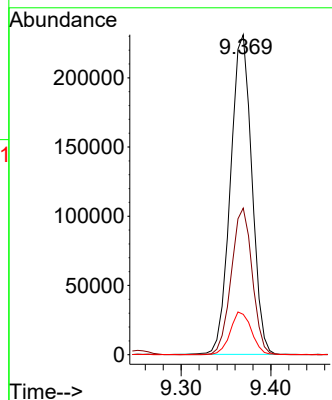
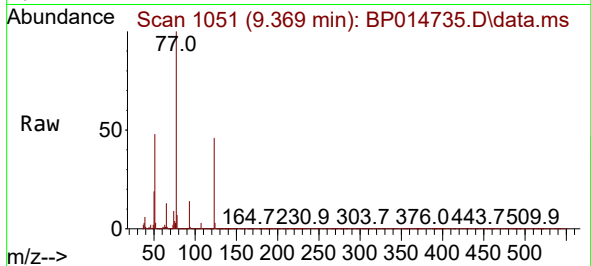




#22
Nitrobenzene
Concen: 33.149 ng/ul
RT: 9.369 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

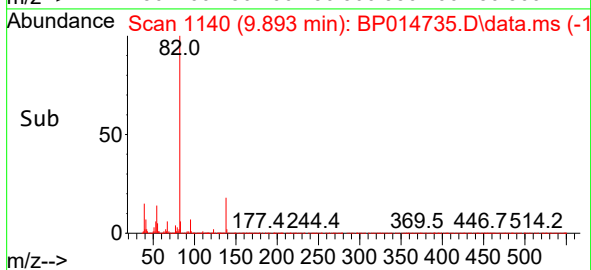
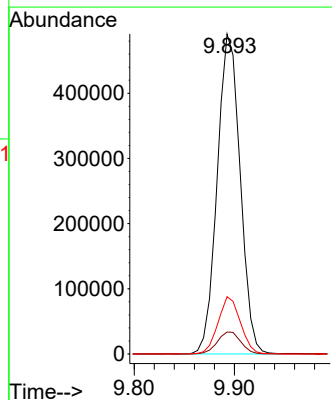
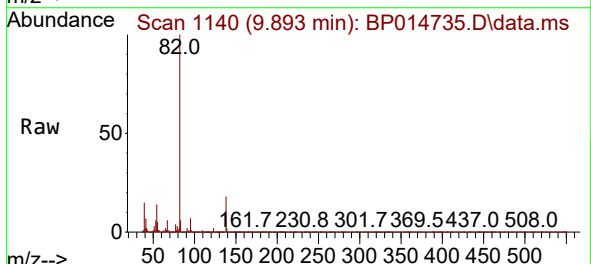
Instrument :
BNA_P
ClientSampleId :
SLCS183

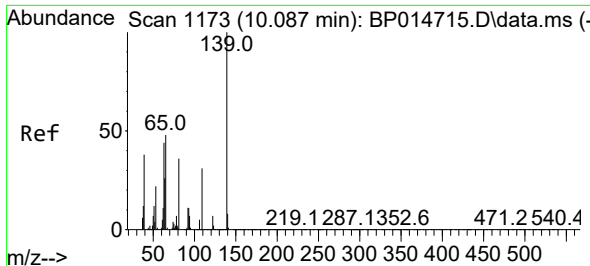
Tgt Ion: 77 Resp: 381316
Ion Ratio Lower Upper
77 100
123 45.8 35.4 53.2
65 12.6 10.8 16.2



#23
Isophorone
Concen: 30.037 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion: 82 Resp: 780169
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.8
138 17.9 13.6 20.4

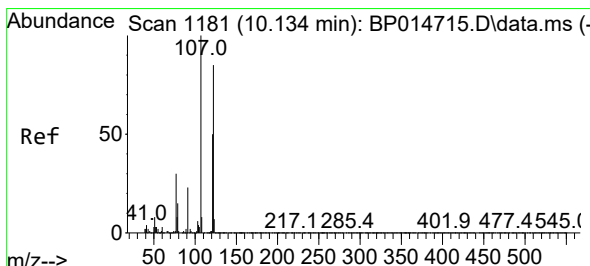
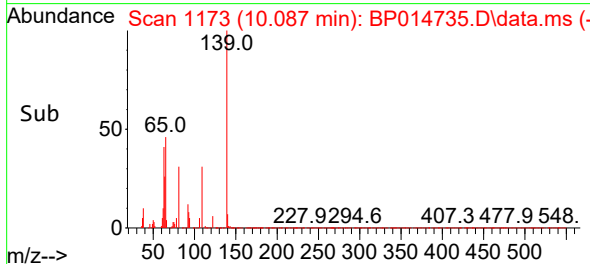
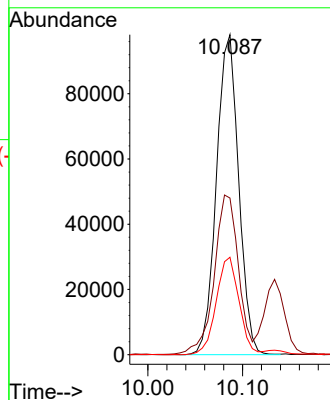
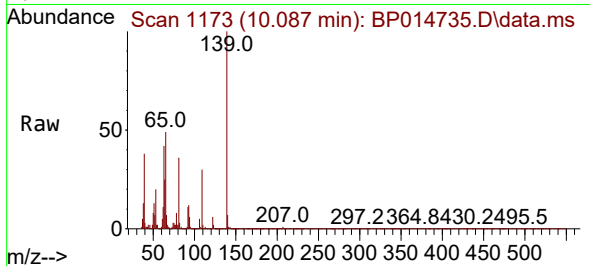




#25
2-Nitrophenol
Concen: 35.258 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

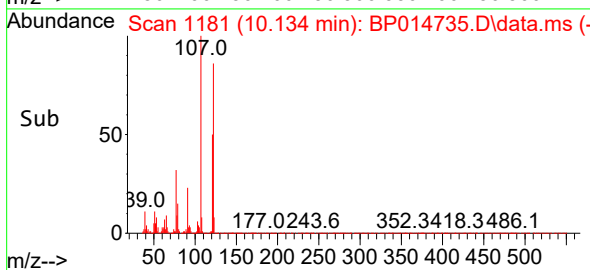
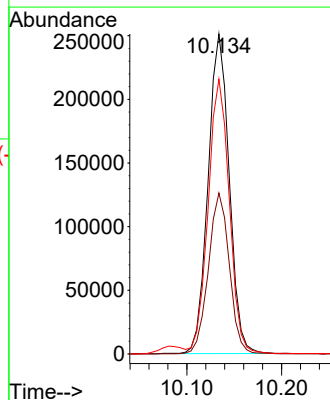
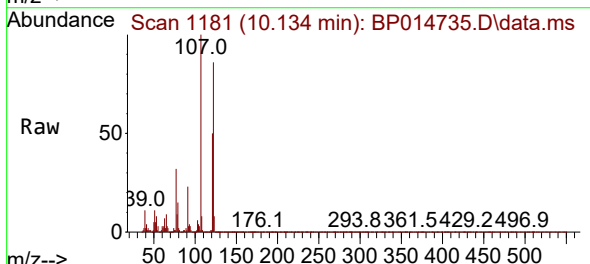
Instrument :
BNA_P
ClientSampleId :
SLCS183

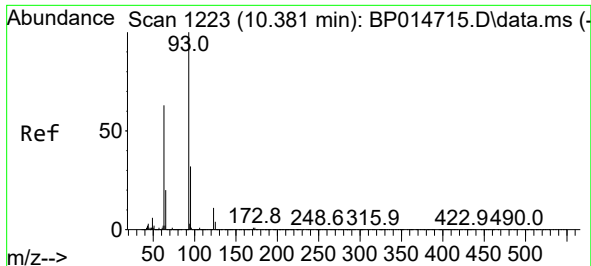
Tgt Ion:139 Resp: 160126
Ion Ratio Lower Upper
139 100
65 49.0 39.4 59.2
109 30.4 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 30.678 ng/ul
RT: 10.134 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:107 Resp: 388473
Ion Ratio Lower Upper
107 100
121 50.3 40.2 60.2
122 85.8 69.2 103.8





#27

Bis(2-Chloroethoxy)methane

Concen: 30.777 ng/ul

RT: 10.375 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

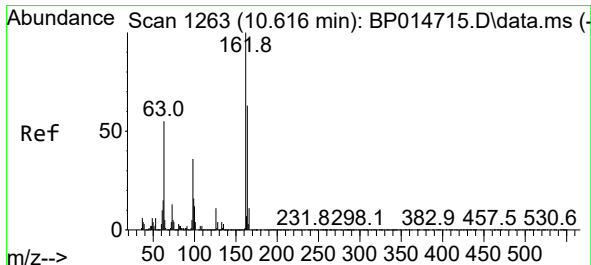
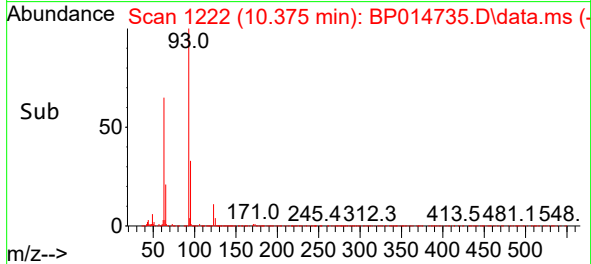
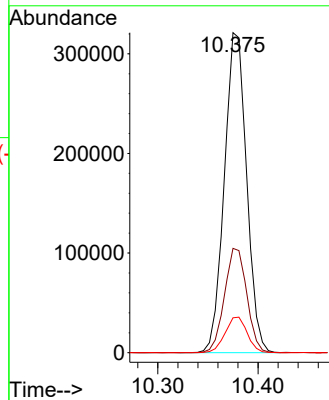
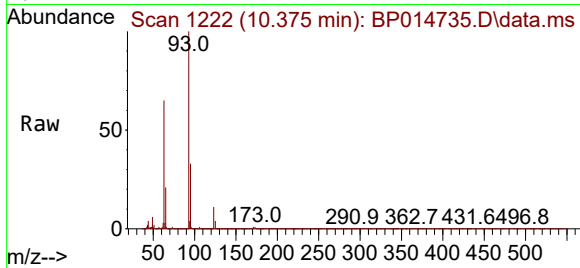
Tgt Ion: 93 Resp: 495266

Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 10.9 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 32.388 ng/ul

RT: 10.616 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

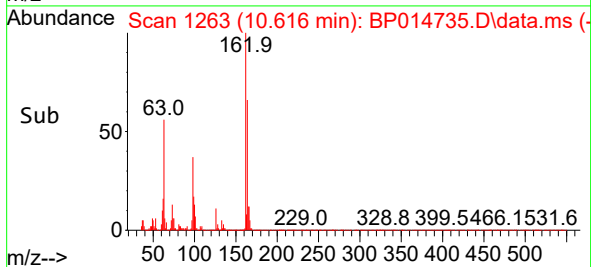
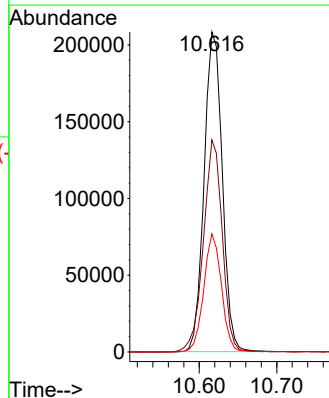
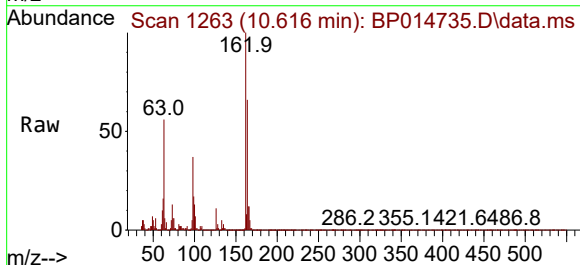
Tgt Ion:162 Resp: 339391

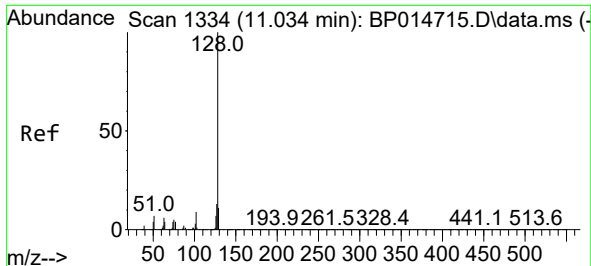
Ion Ratio Lower Upper

162 100

164 66.3 50.6 76.0

98 36.9 28.8 43.2

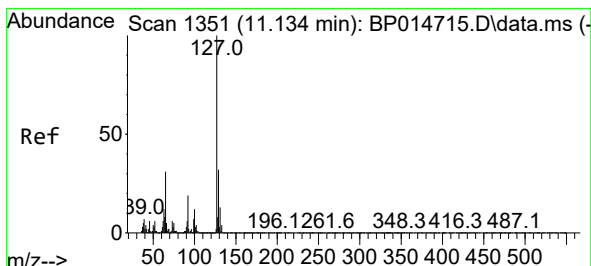
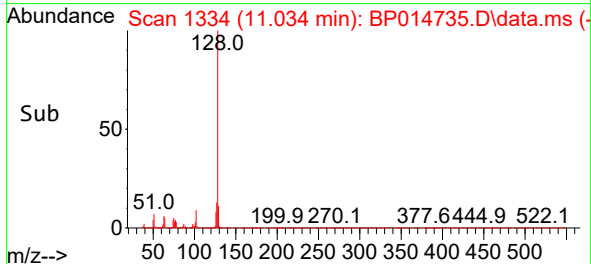
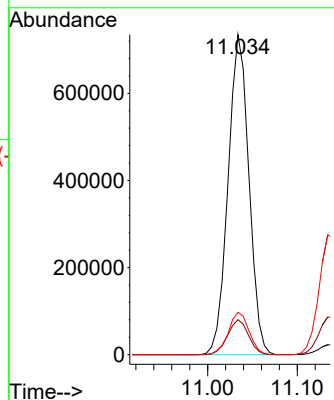
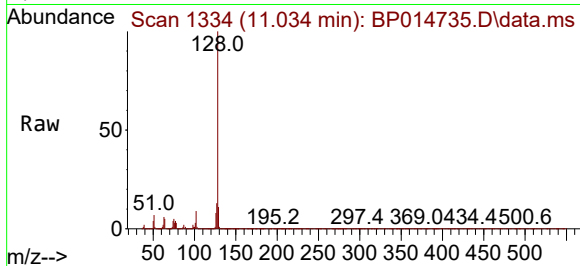




#30
Naphthalene
Concen: 31.252 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

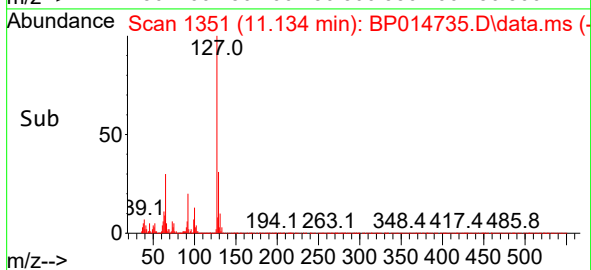
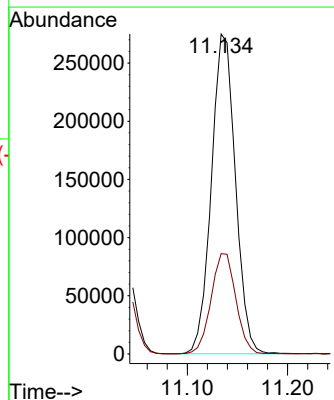
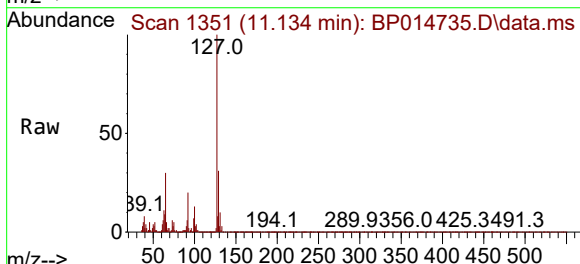
Instrument :
BNA_P
ClientSampleId :
SLCS183

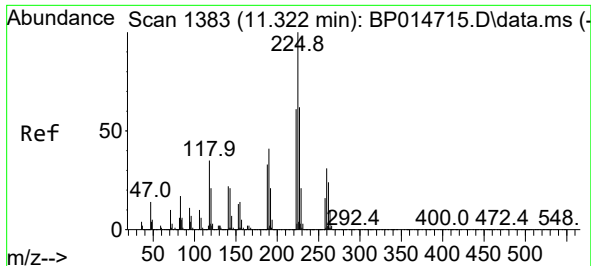
Tgt Ion:128 Resp: 1183324
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 28.547 ng/ul
RT: 11.134 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:127 Resp: 458268
Ion Ratio Lower Upper
127 100
129 31.4 26.0 39.0

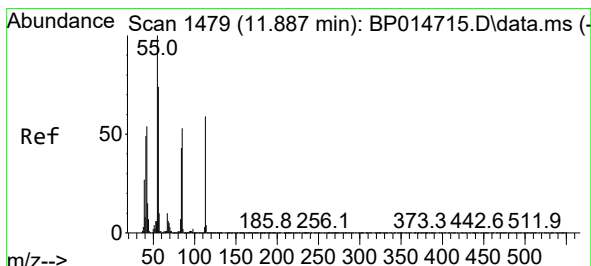
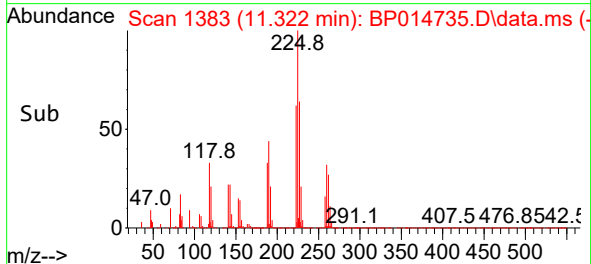
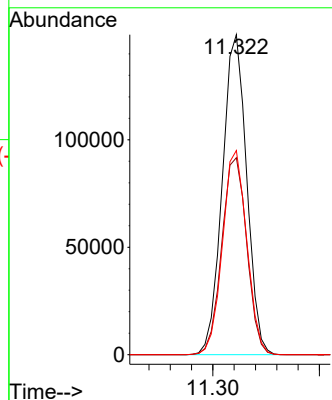
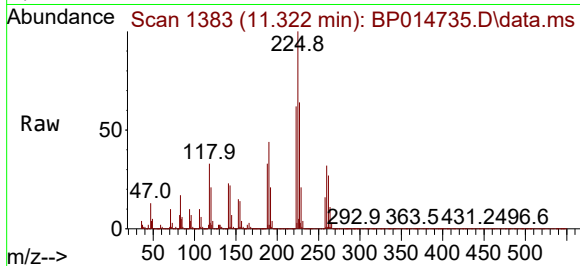




#33
Hexachlorobutadiene
Concen: 31.832 ng/ul
RT: 11.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

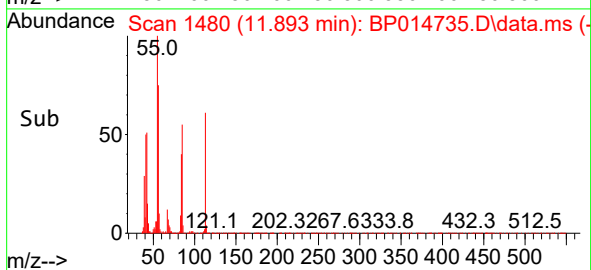
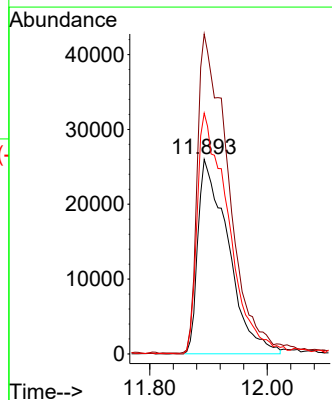
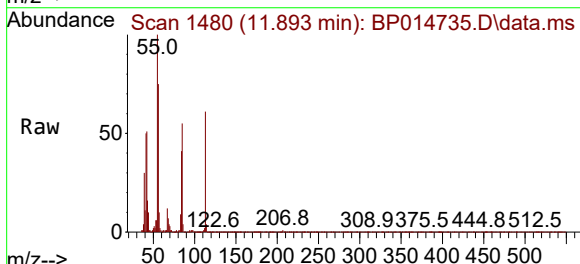
Instrument :
BNA_P
ClientSampleId :
SLCS183

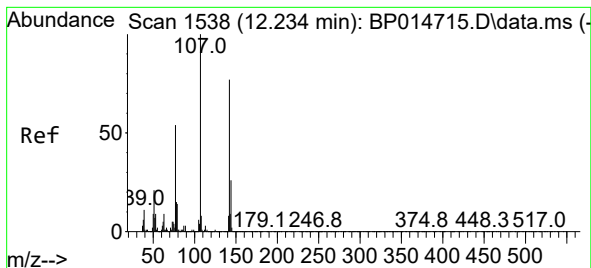
Tgt Ion:225 Resp: 235939
Ion Ratio Lower Upper
225 100
223 61.6 49.2 73.8
227 63.8 49.4 74.2



#34
Caprolactam
Concen: 29.198 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:113 Resp: 92645
Ion Ratio Lower Upper
113 100
55 164.4 135.4 203.0
56 123.7 101.0 151.4

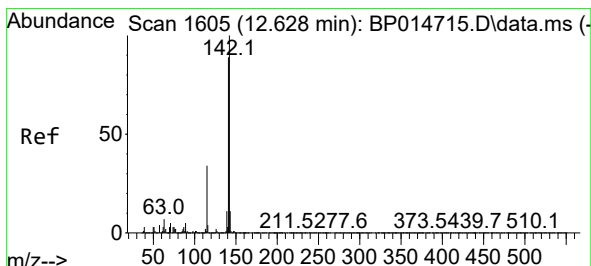
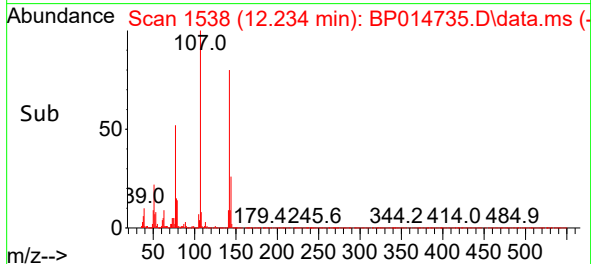
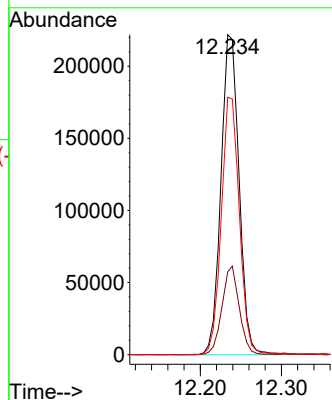
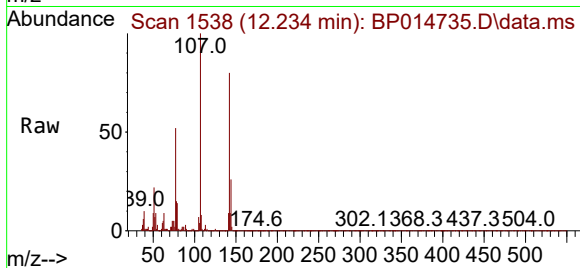




#35
4-Chloro-3-methylphenol
Concen: 31.475 ng/ul
RT: 12.234 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

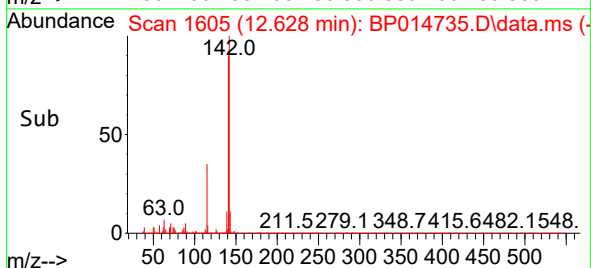
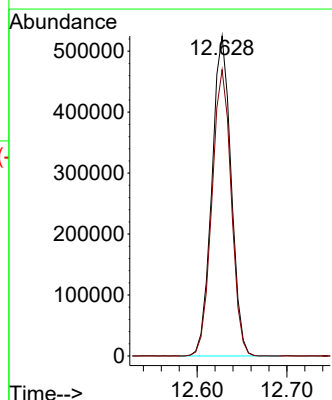
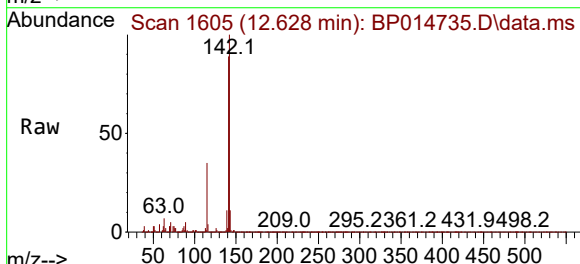
Instrument :
BNA_P
ClientSampleId :
SLCS183

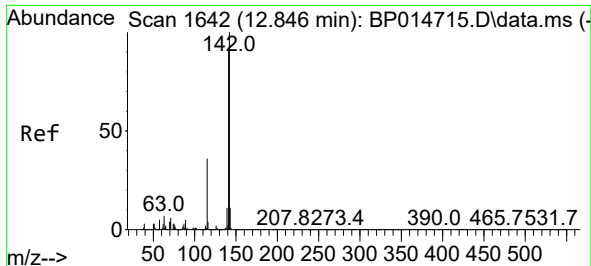
Tgt Ion:107 Resp: 344694
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 80.5 61.9 92.9



#36
2-Methylnaphthalene
Concen: 30.882 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:142 Resp: 780610
Ion Ratio Lower Upper
142 100
141 89.5 70.9 106.3

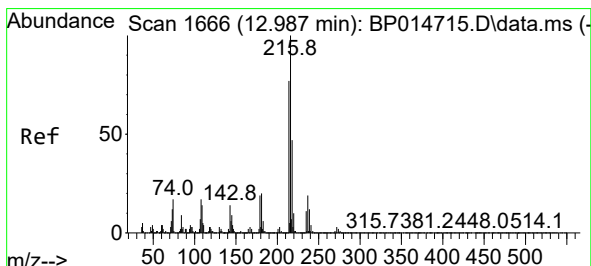
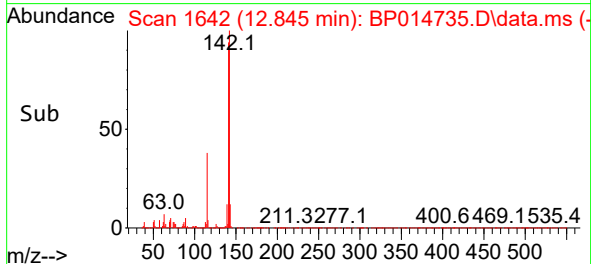
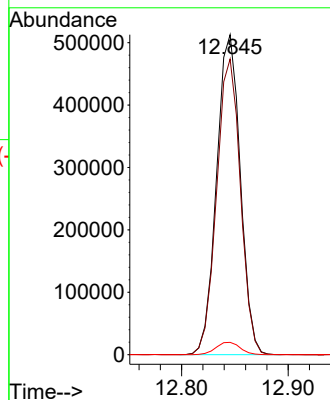
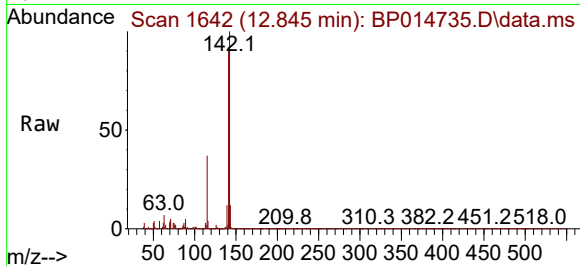




#37
1-Methylnaphthalene
Concen: 31.620 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

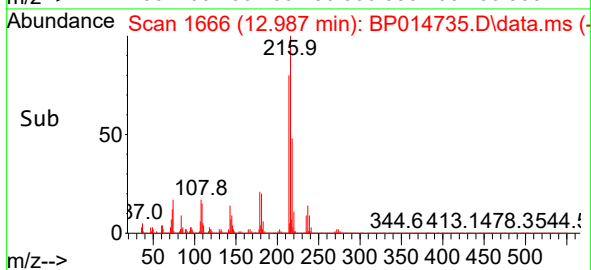
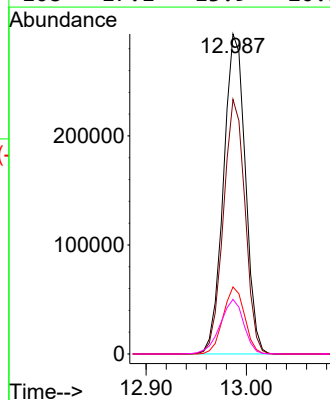
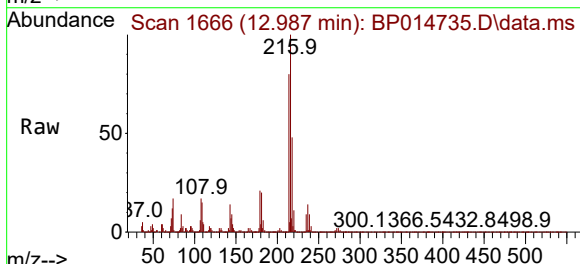
Instrument :
BNA_P
ClientSampleId :
SLCS183

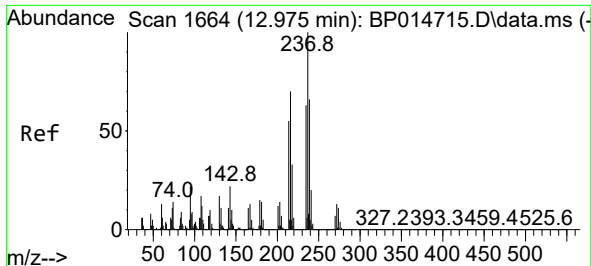
Tgt Ion:142 Resp: 792386
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6
116 3.8 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.232 ng/ul
RT: 12.987 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:216 Resp: 444007
Ion Ratio Lower Upper
216 100
214 79.6 61.7 92.5
179 21.0 15.5 23.3
108 17.1 13.9 20.9

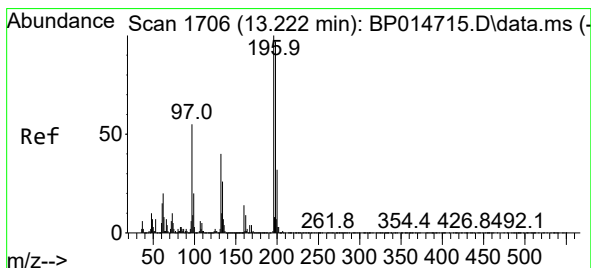
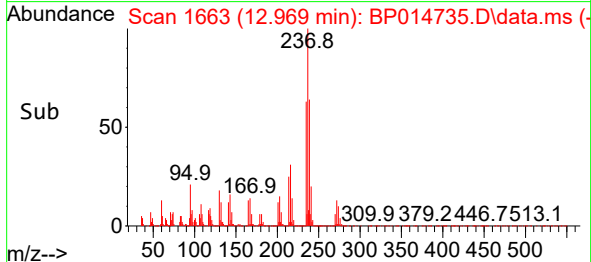
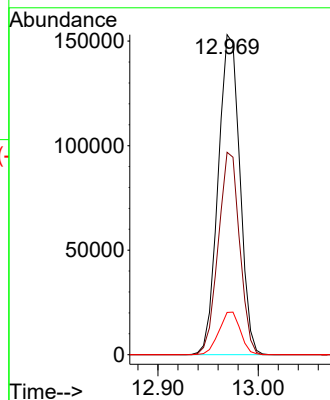
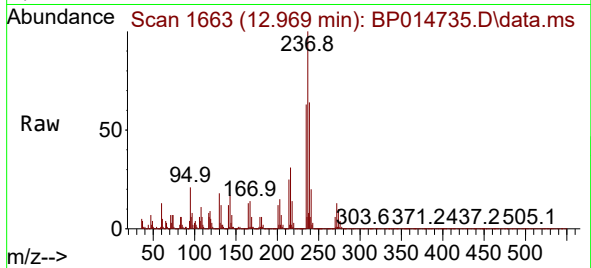




#40
Hexachlorocyclopentadiene
Concen: 29.476 ng/ul
RT: 12.969 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

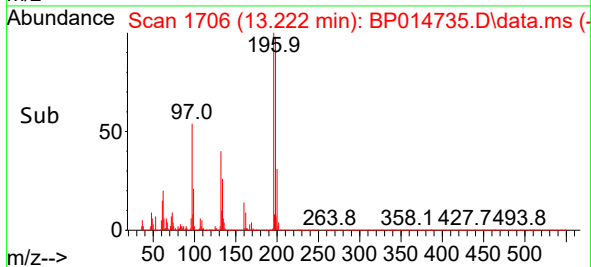
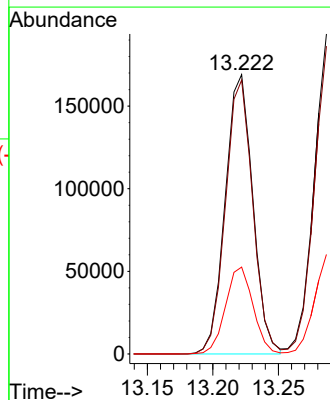
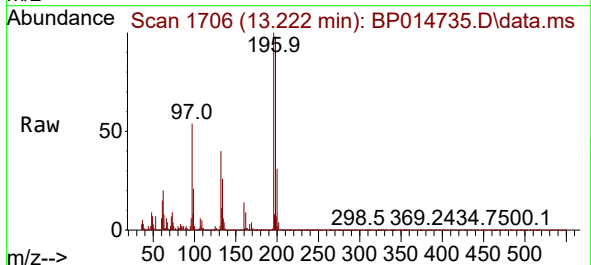
Instrument :
BNA_P
ClientSampleId :
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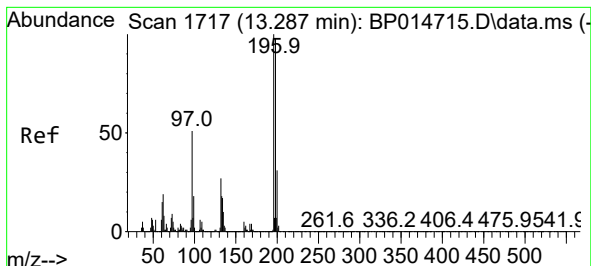
Tgt Ion:237 Resp: 229751
Ion Ratio Lower Upper
237 100
235 63.2 50.6 76.0
272 13.8 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 31.758 ng/ul
RT: 13.222 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:196 Resp: 247788
Ion Ratio Lower Upper
196 100
198 98.0 77.8 116.8
200 31.1 25.7 38.5





#42

2,4,5-Trichlorophenol

Concen: 33.248 ng/ul

RT: 13.287 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

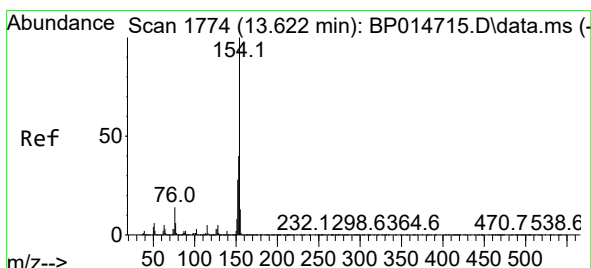
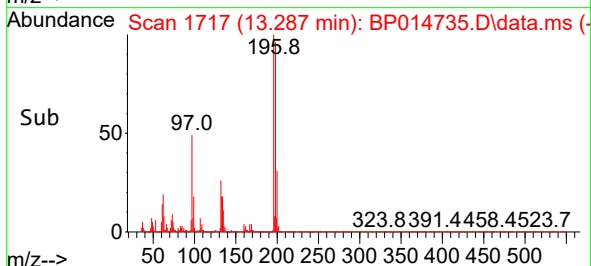
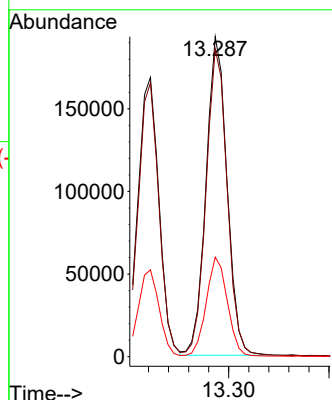
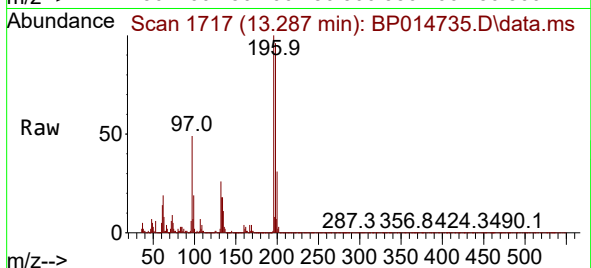
Tgt Ion:196 Resp: 280643

Ion Ratio Lower Upper

196 100

198 96.2 78.0 117.0

200 31.1 24.7 37.1



#43

1,1'-Biphenyl

Concen: 32.072 ng/ul

RT: 13.622 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

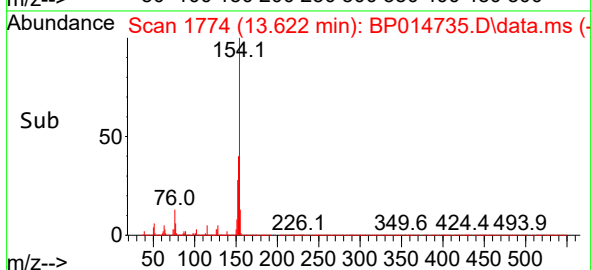
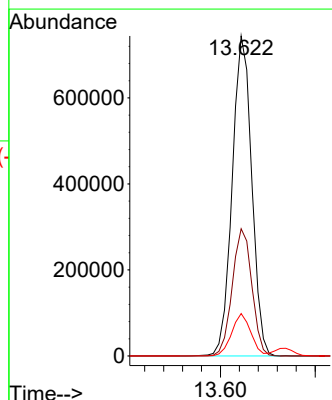
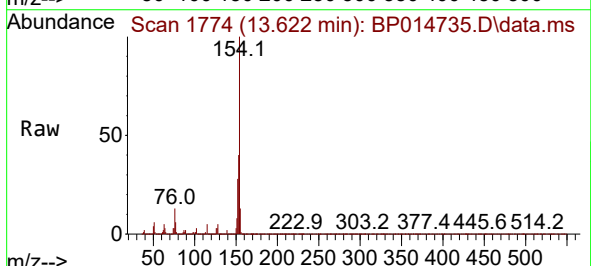
Tgt Ion:154 Resp: 1064571

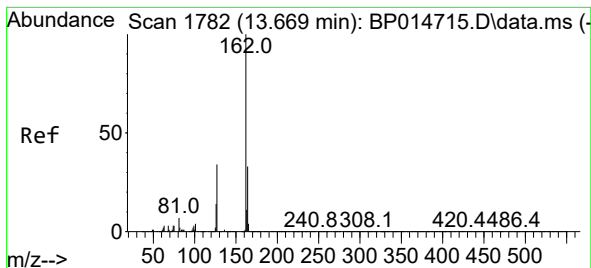
Ion Ratio Lower Upper

154 100

153 39.7 31.9 47.9

76 13.2 10.8 16.2





#44

2-Chloronaphthalene

Concen: 32.201 ng/ul

RT: 13.669 min Scan# 1782

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

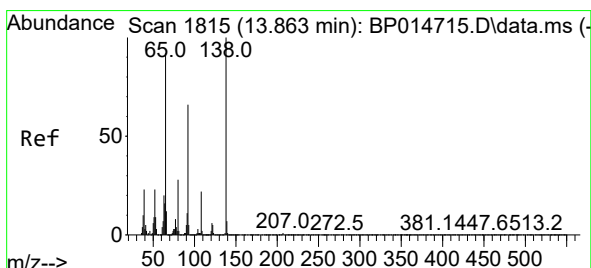
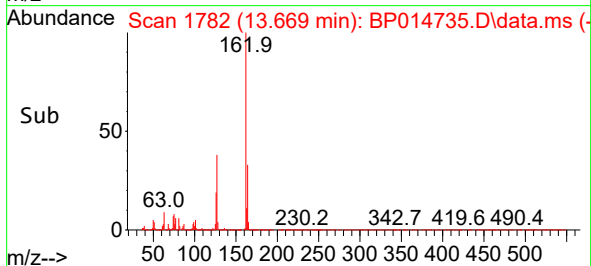
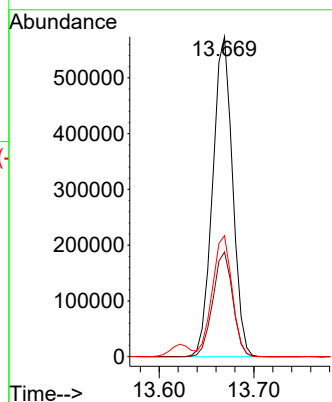
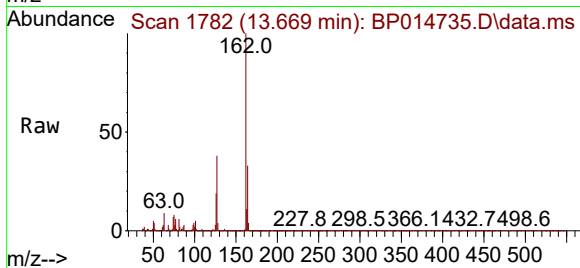
Tgt Ion:162 Resp: 835185

Ion Ratio Lower Upper

162 100

164 32.7 26.6 39.8

127 37.8 30.5 45.7



#45

2-Nitroaniline

Concen: 36.256 ng/ul

RT: 13.863 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

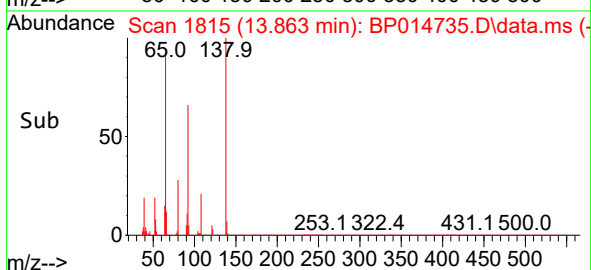
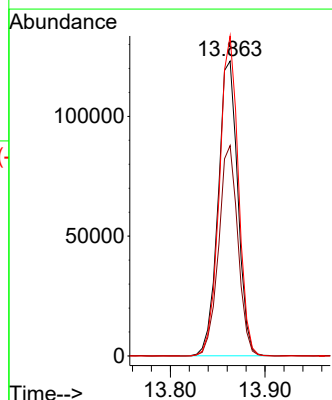
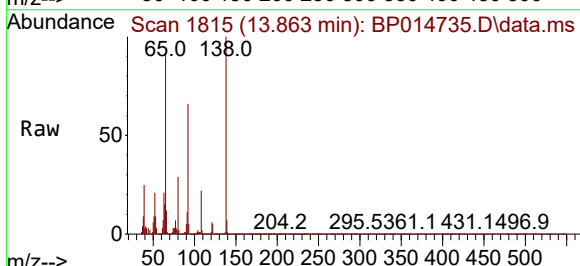
Tgt Ion: 65 Resp: 178008

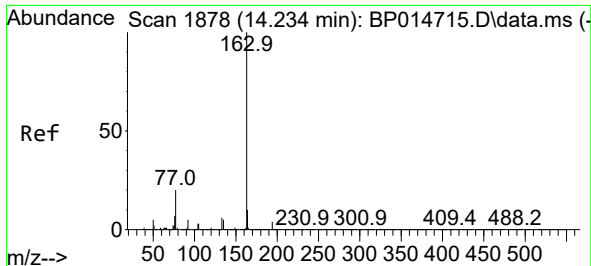
Ion Ratio Lower Upper

65 100

92 71.3 57.0 85.4

138 108.5 86.8 130.2

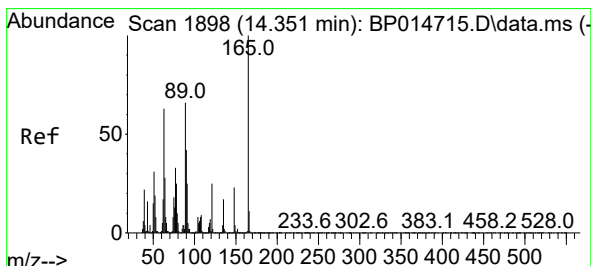
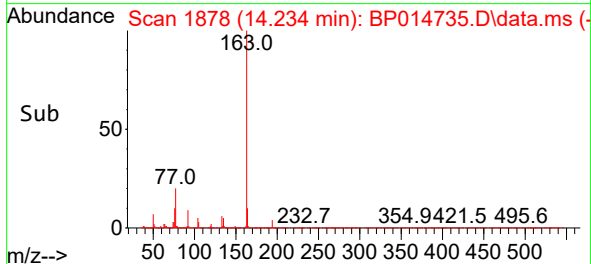
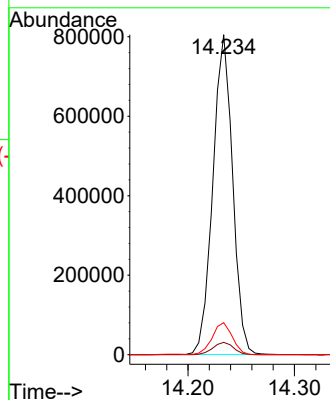
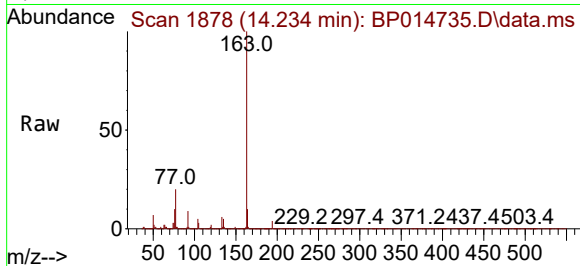




#47
Dimethylphthalate
Concen: 31.631 ng/ul
RT: 14.234 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

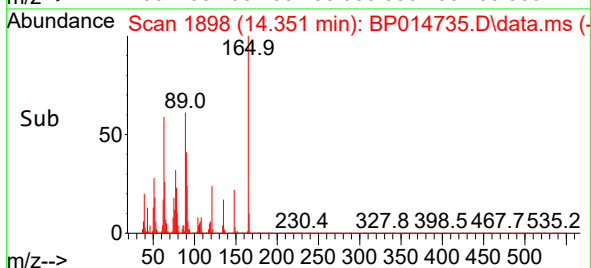
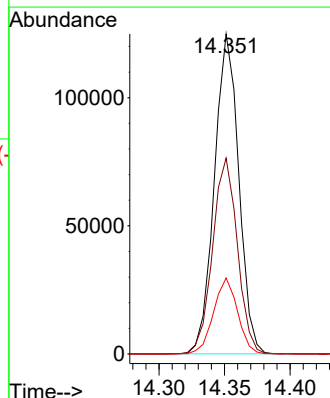
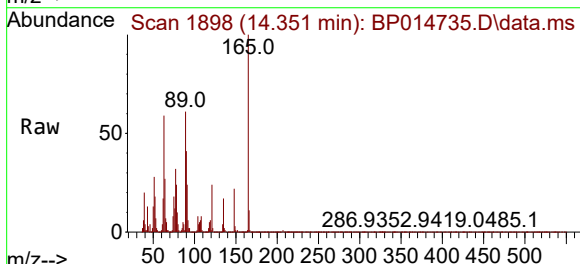
Instrument :
BNA_P
ClientSampleId :
SLCS183

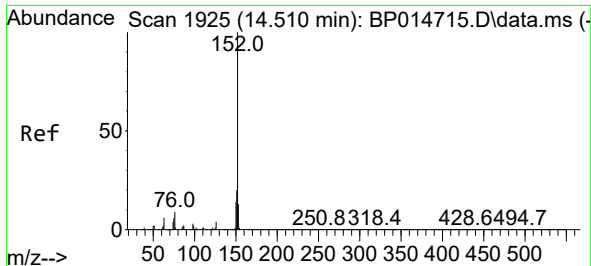
Tgt Ion:163 Resp: 1032698
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 36.180 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:165 Resp: 161117
Ion Ratio Lower Upper
165 100
89 61.2 53.0 79.6
121 23.8 19.8 29.6

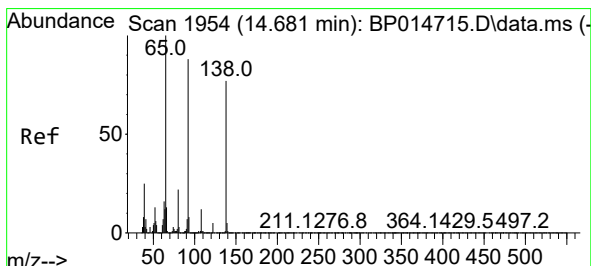
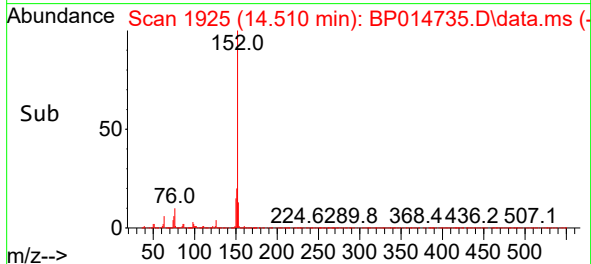
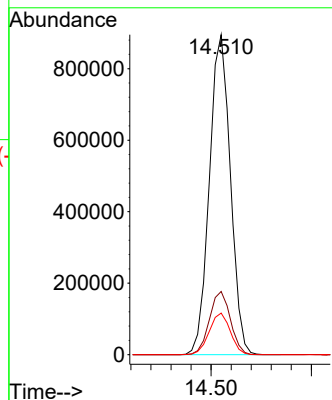
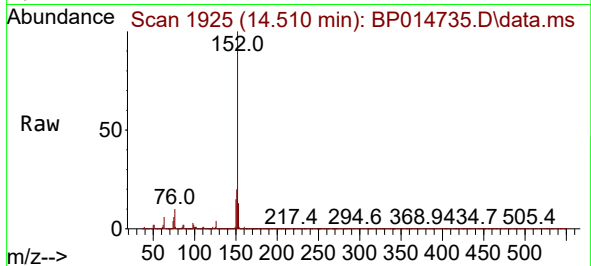




#50
Acenaphthylene
Concen: 31.919 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

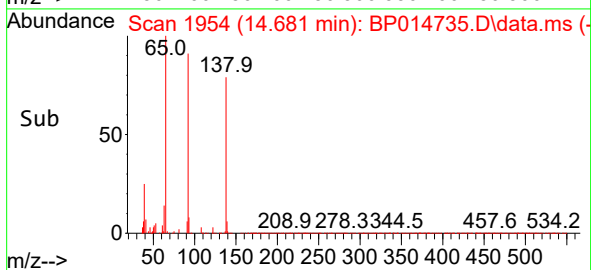
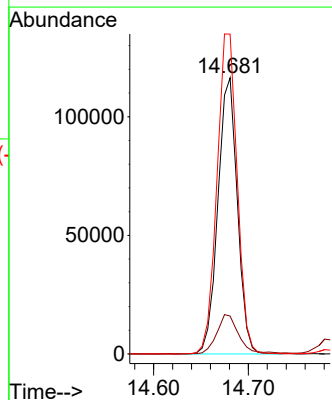
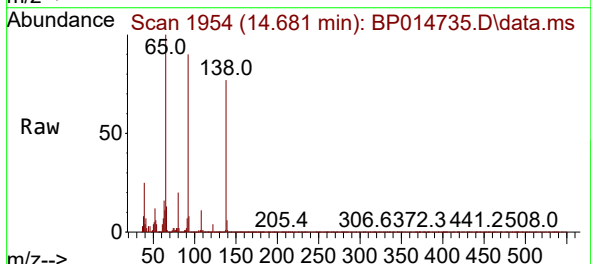
Instrument :
BNA_P
ClientSampleId :
SLCS183

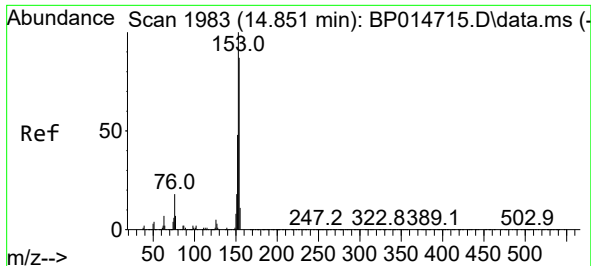
Tgt Ion:152 Resp: 1299452
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 10.0 15.0



#51
3-Nitroaniline
Concen: 32.816 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:138 Resp: 166218
Ion Ratio Lower Upper
138 100
108 13.7 12.9 19.3
92 115.8 91.5 137.3

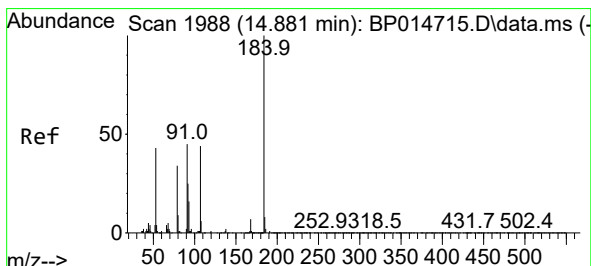
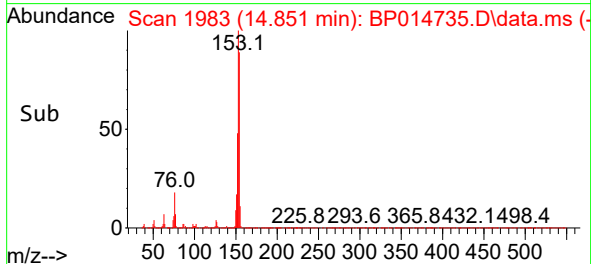
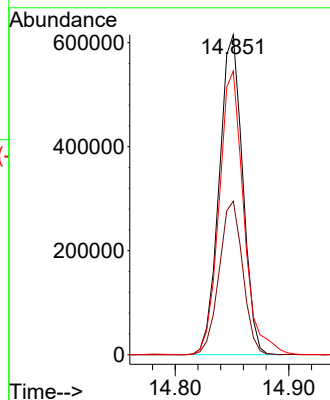
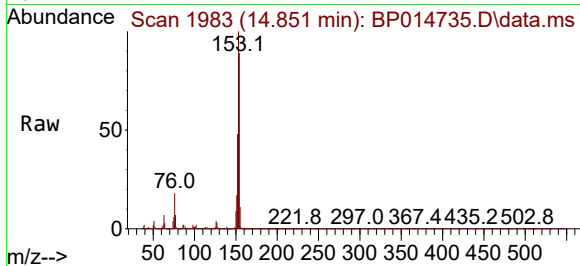




#52
Acenaphthene
Concen: 31.856 ng/ul
RT: 14.851 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

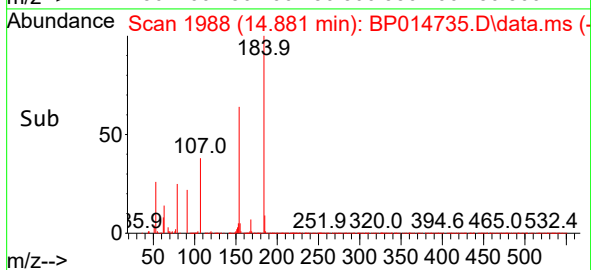
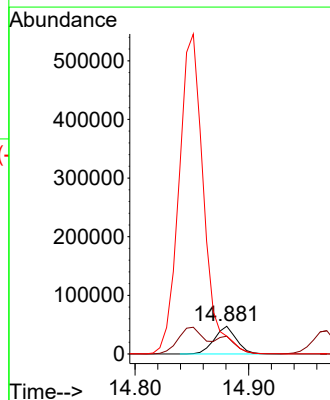
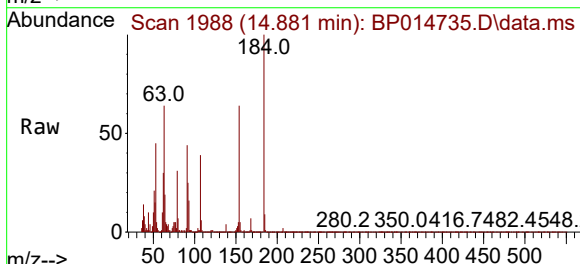
Instrument :
BNA_P
ClientSampleId :
SLCS183

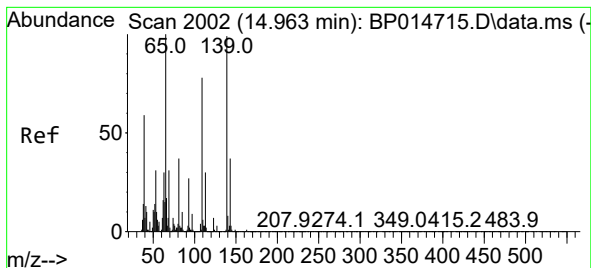
Tgt Ion:153 Resp: 884249
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 88.7 69.8 104.8



#53
2,4-Dinitrophenol
Concen: 29.622 ng/ul
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:184 Resp: 63827
Ion Ratio Lower Upper
184 100
63 64.4 51.1 76.7
154 64.4 54.0 81.0

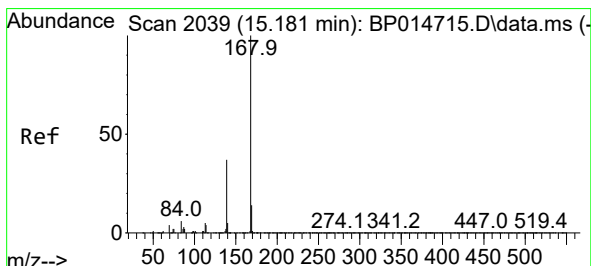
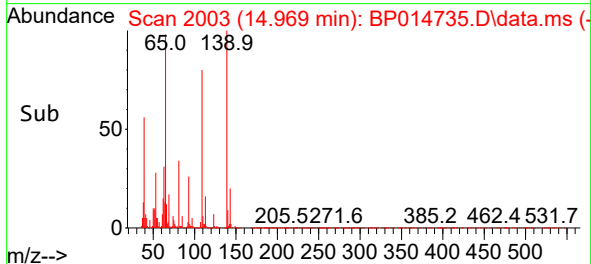
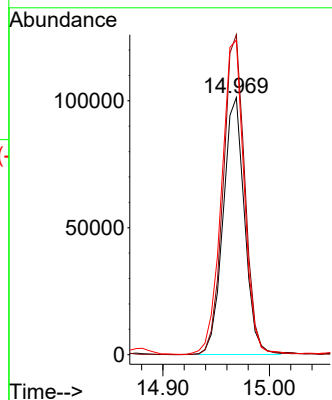
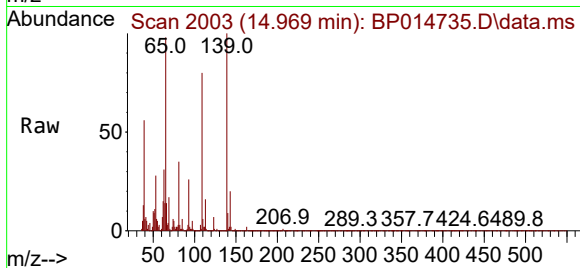




#55
4-Nitrophenol
Concen: 33.397 ng/ul
RT: 14.969 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

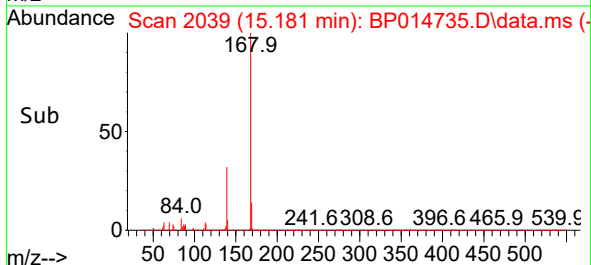
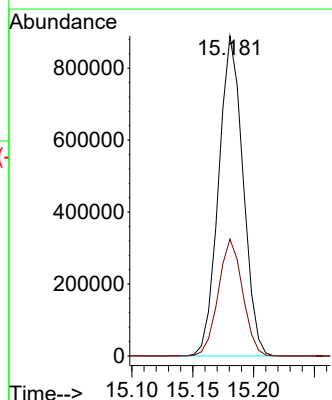
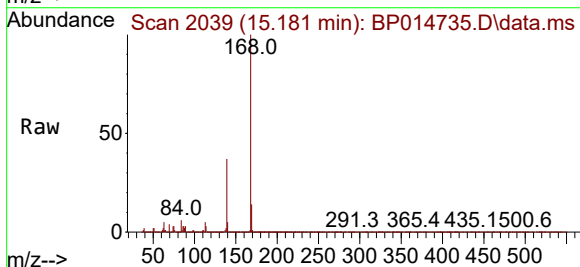
Instrument :
BNA_P
ClientSampleId :
SLCS183

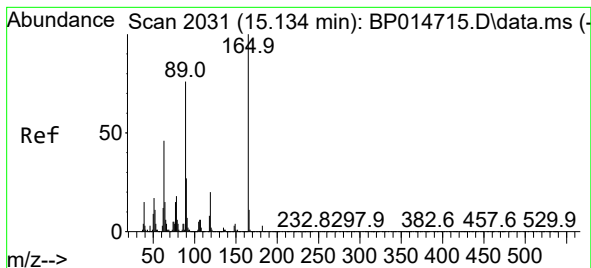
Tgt Ion:109 Resp: 141241
Ion Ratio Lower Upper
109 100
139 124.5 100.5 150.7
65 122.4 102.4 153.6



#56
Dibenzofuran
Concen: 31.783 ng/ul
RT: 15.181 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:168 Resp: 1241666
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.8

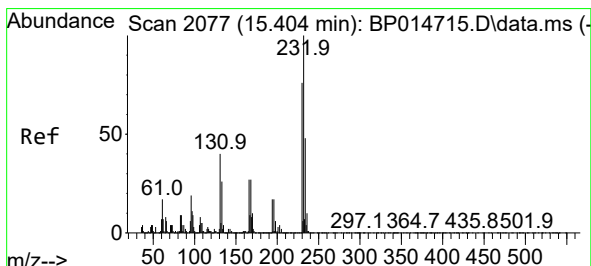
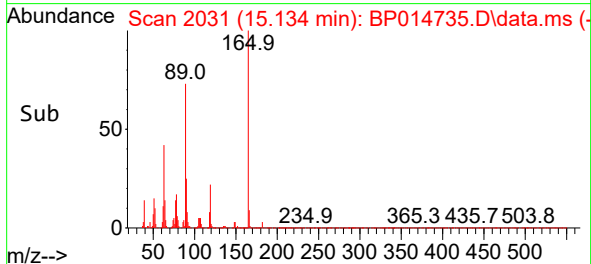
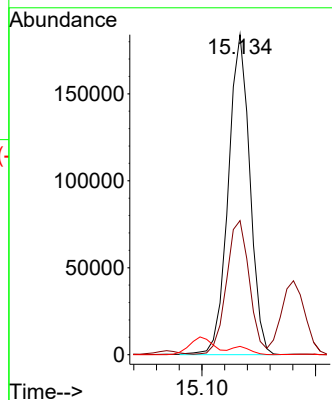
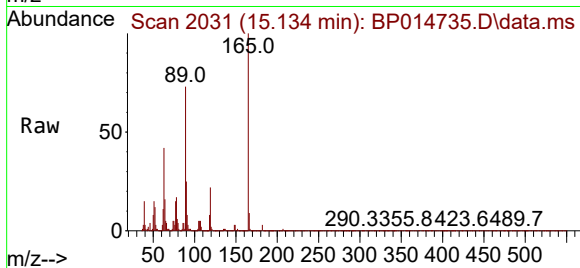




#57
2,4-Dinitrotoluene
Concen: 37.155 ng/ul
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

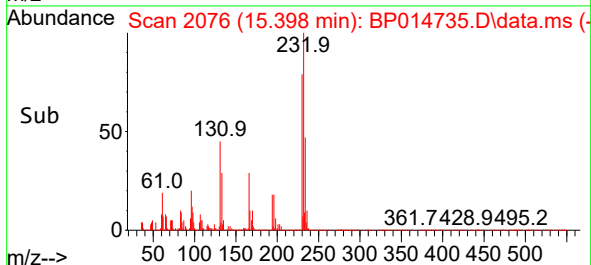
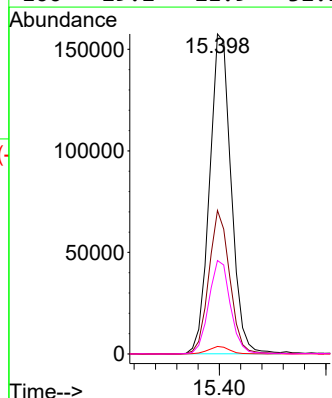
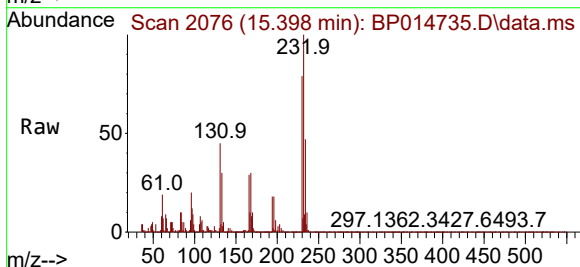
Instrument :
BNA_P
ClientSampleId :
SLCS183

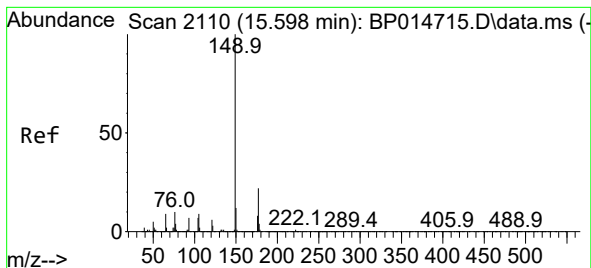
Tgt Ion:165 Resp: 242773
Ion Ratio Lower Upper
165 100
63 41.9 36.6 54.8
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.946 ng/ul
RT: 15.398 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:232 Resp: 221819
Ion Ratio Lower Upper
232 100
131 44.8 32.4 48.6
130 2.3 1.8 2.6
166 29.2 21.9 32.9





#59

Diethylphthalate

Concen: 32.276 ng/ul

RT: 15.592 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

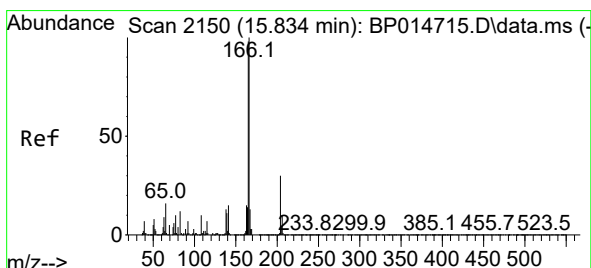
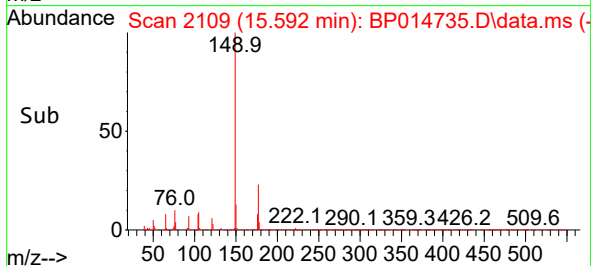
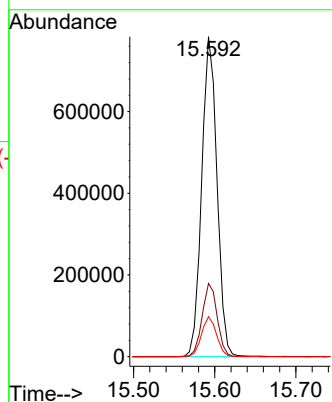
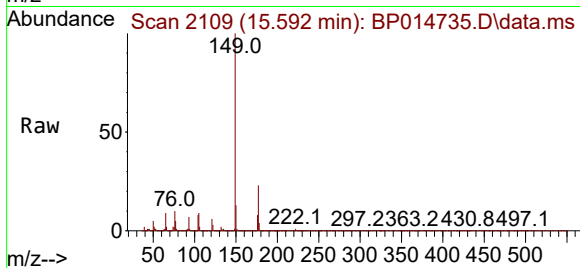
Tgt Ion:149 Resp: 1022474

Ion Ratio Lower Upper

149 100

177 22.9 17.8 26.8

150 12.5 9.4 14.2



#61

Fluorene

Concen: 32.794 ng/ul

RT: 15.834 min Scan# 2150

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

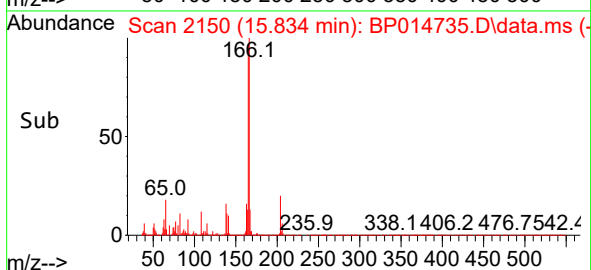
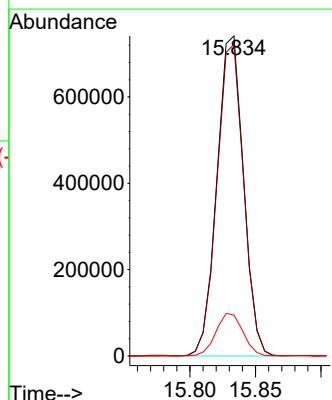
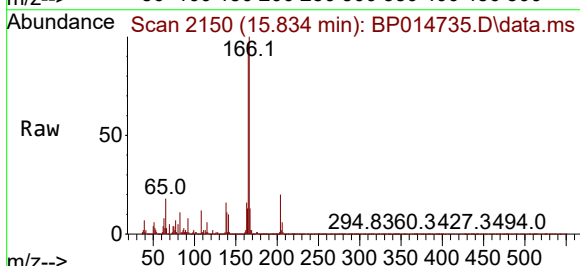
Tgt Ion:166 Resp: 1045786

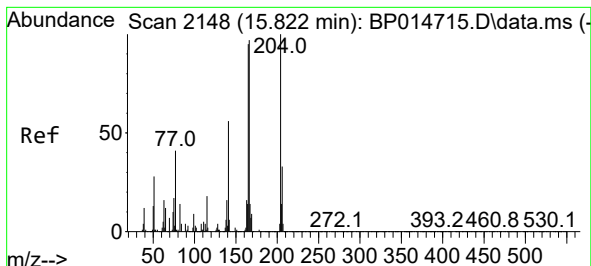
Ion Ratio Lower Upper

166 100

165 97.4 78.6 117.8

167 12.8 10.5 15.7

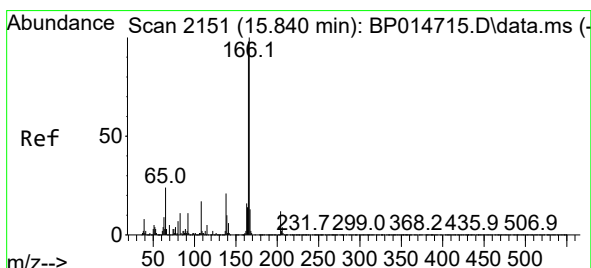
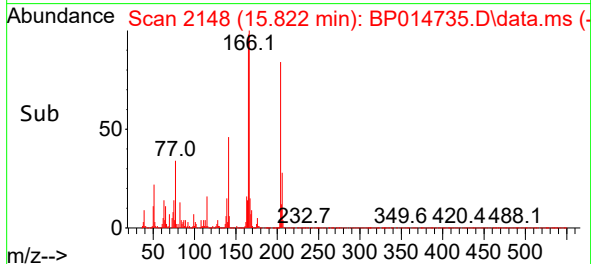
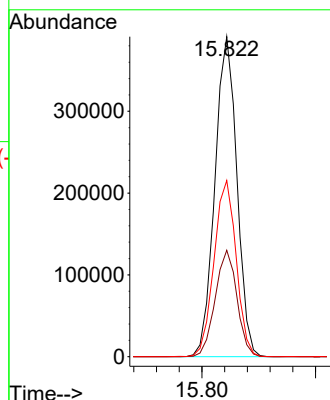
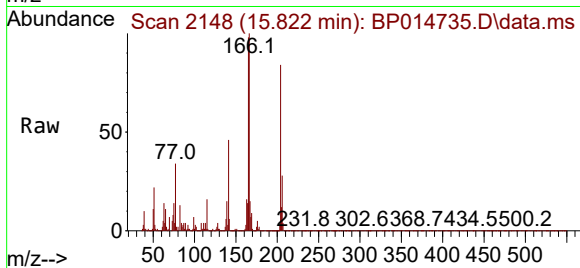




#62
4-Chlorophenyl-phenylether
Concen: 32.279 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

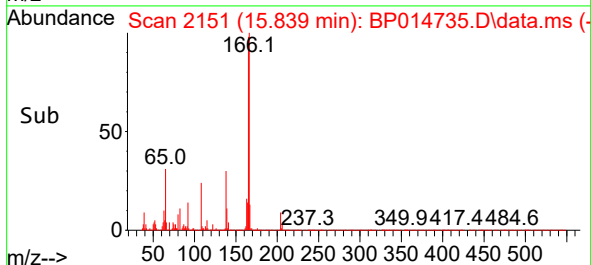
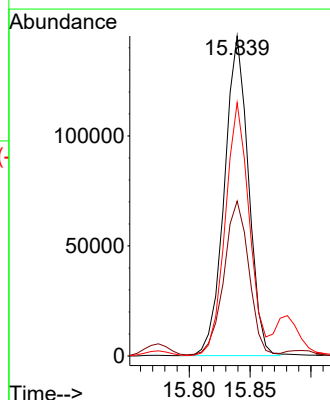
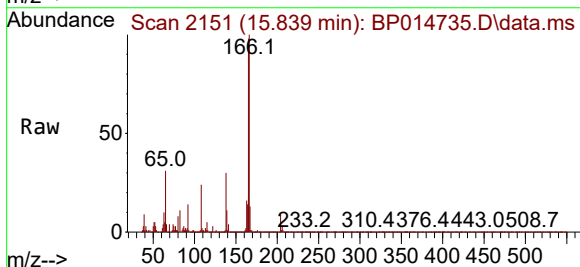
Instrument :
BNA_P
ClientSampleId :
SLCS183

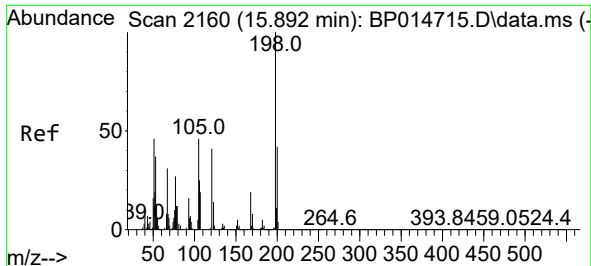
Tgt Ion:204 Resp: 526359
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 55.1 45.0 67.4



#63
4-Nitroaniline
Concen: 39.557 ng/ul
RT: 15.839 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:138 Resp: 200257
Ion Ratio Lower Upper
138 100
92 48.4 40.9 61.3
108 79.1 63.8 95.6

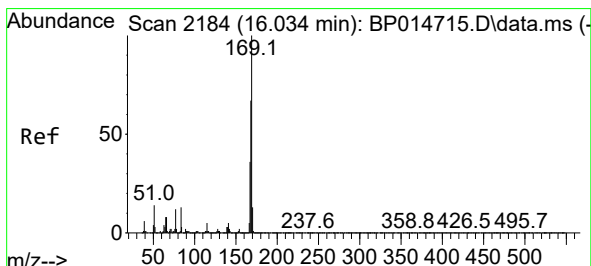
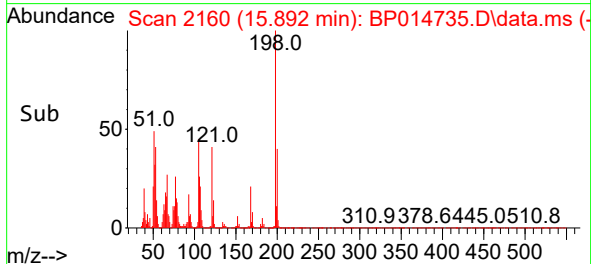
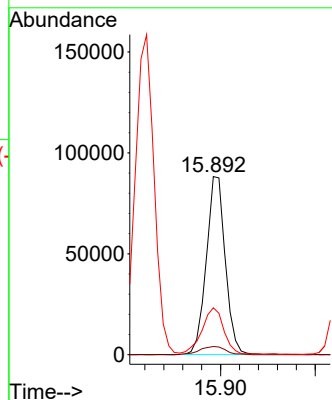
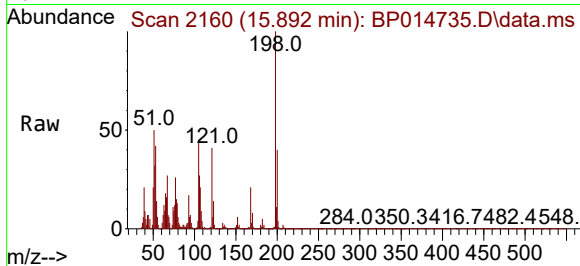




#66
4,6-Dinitro-2-methylphenol
Concen: 32.309 ng/ul
RT: 15.892 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

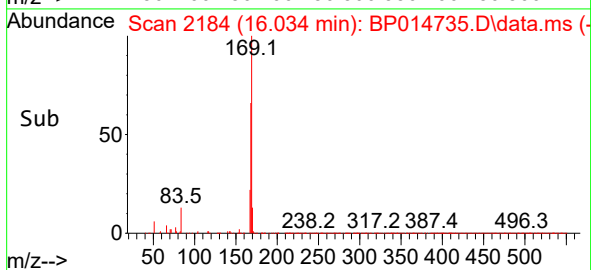
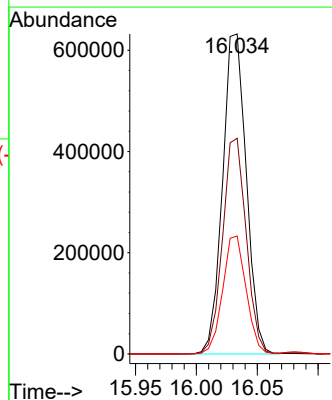
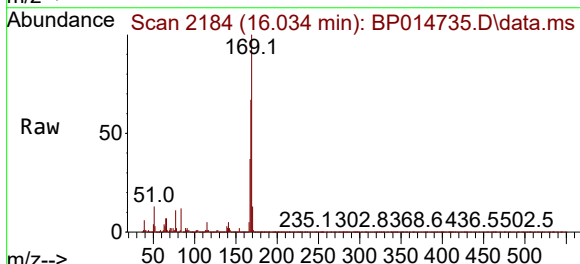
Instrument :
BNA_P
ClientSampleId :
SLCS183

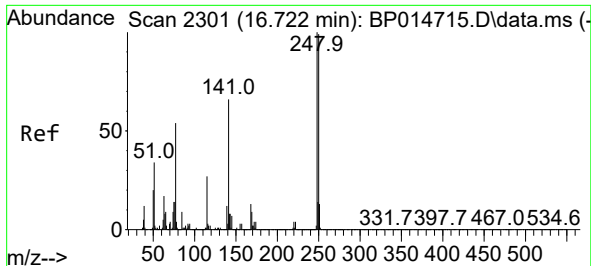
Tgt Ion:198 Resp: 122890
Ion Ratio Lower Upper
198 100
182 4.6 3.9 5.9
77 26.3 23.6 35.4



#67
N-Nitrosodiphenylamine
Concen: 32.680 ng/ul
RT: 16.034 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:169 Resp: 859753
Ion Ratio Lower Upper
169 100
168 67.4 53.5 80.3
167 36.8 29.0 43.6

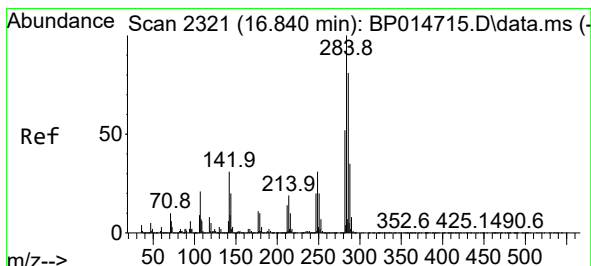
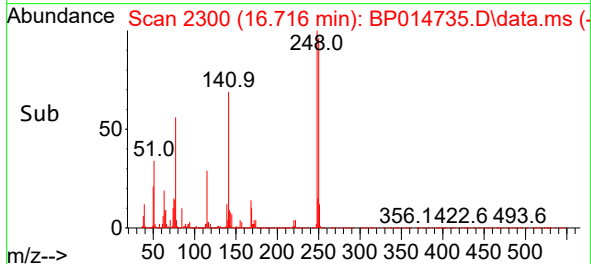
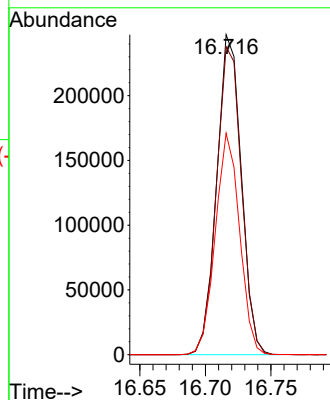
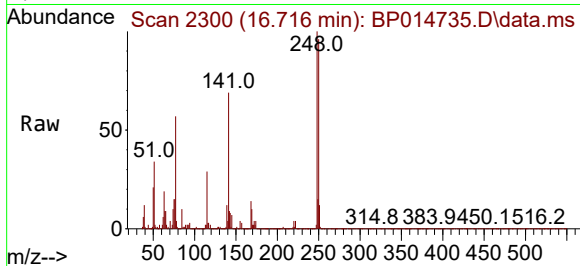




#68
4-Bromophenyl-phenylether
Concen: 32.592 ng/ul
RT: 16.716 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

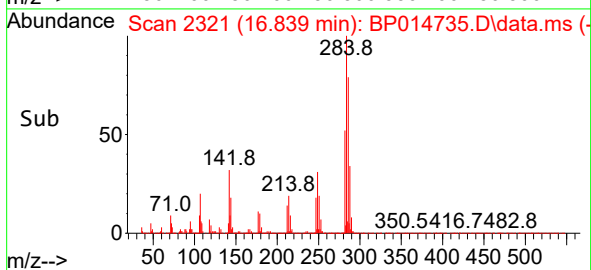
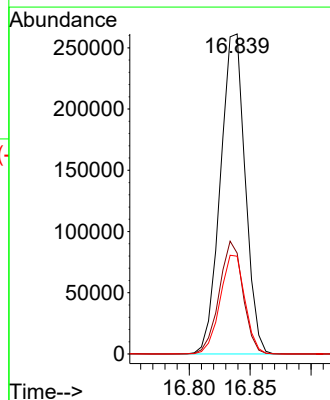
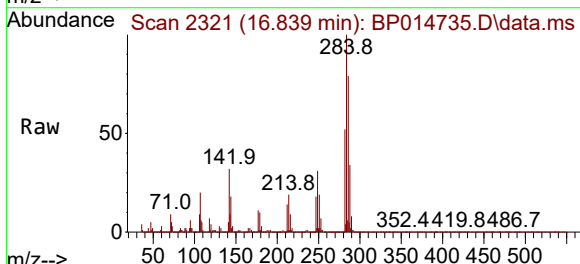
Instrument :
BNA_P
ClientSampleId :
SLCS183

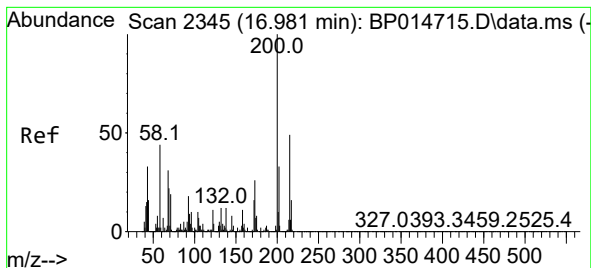
Tgt Ion:248 Resp: 322481
Ion Ratio Lower Upper
248 100
250 96.3 79.2 118.8
141 69.2 52.7 79.1



#69
Hexachlorobenzene
Concen: 32.249 ng/ul
RT: 16.839 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:284 Resp: 370229
Ion Ratio Lower Upper
284 100
142 31.5 25.1 37.7
249 30.6 25.2 37.8





#70

Atrazine

Concen: 3.171 ng/ul

RT: 16.975 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

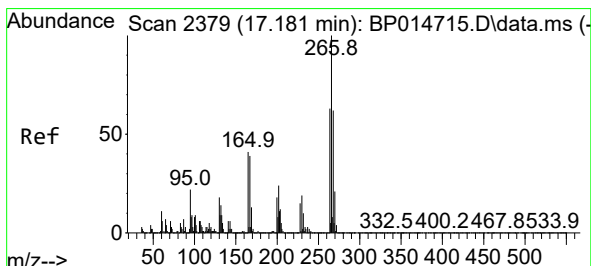
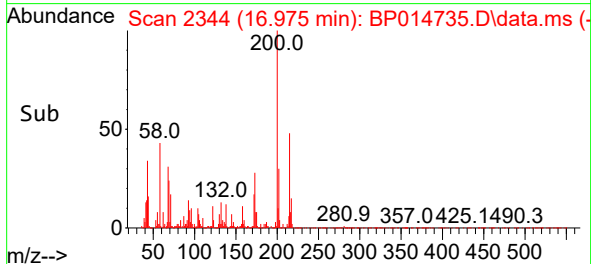
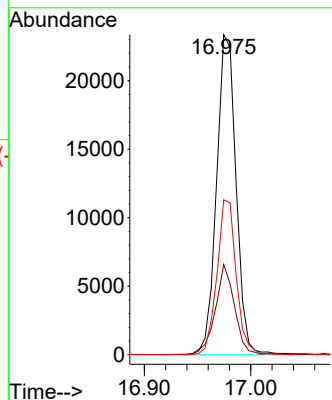
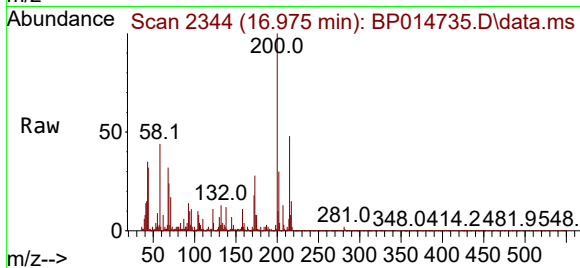
Tgt Ion:200 Resp: 29632

Ion Ratio Lower Upper

200 100

173 28.2 21.0 31.6

215 48.4 39.4 59.2



#71

Pentachlorophenol

Concen: 26.993 ng/ul

RT: 17.175 min Scan# 2378

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

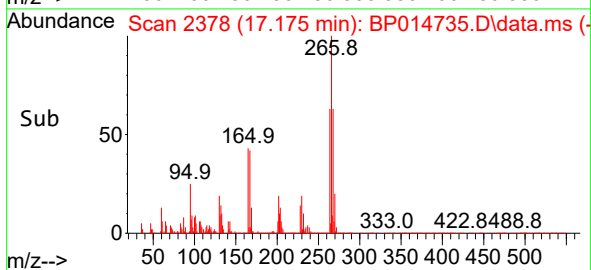
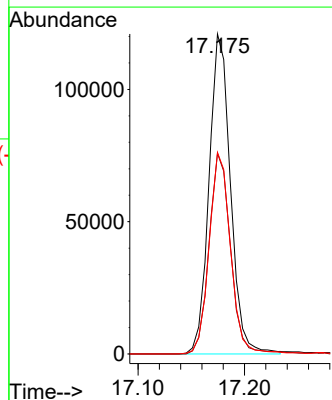
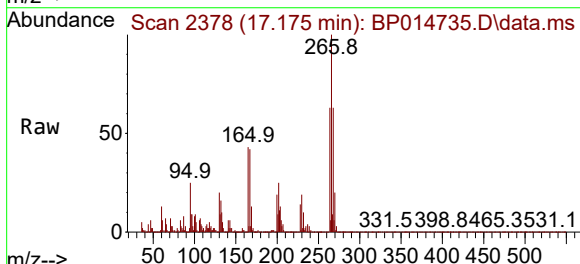
Tgt Ion:266 Resp: 168687

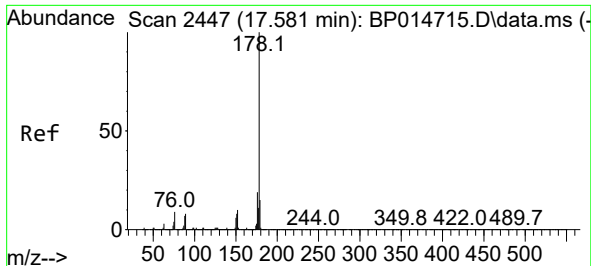
Ion Ratio Lower Upper

266 100

264 62.7 50.2 75.4

268 63.0 49.8 74.6

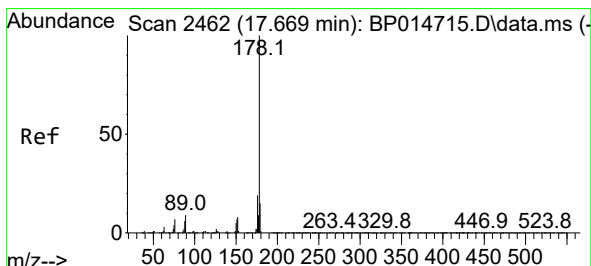
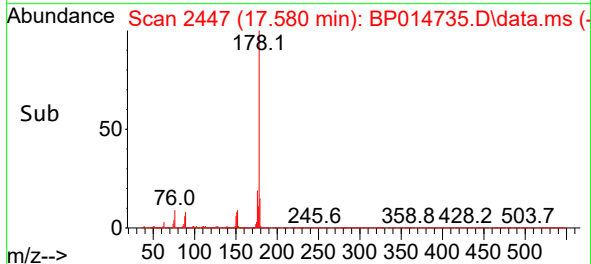
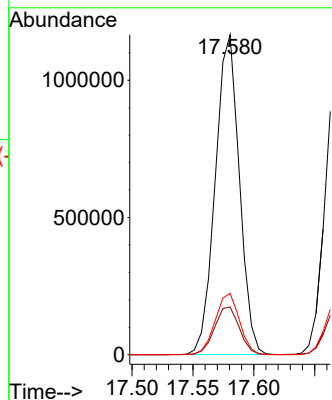
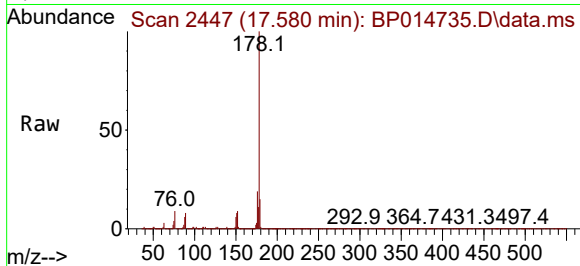




#72
Phenanthrene
Concen: 32.218 ng/ul
RT: 17.580 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

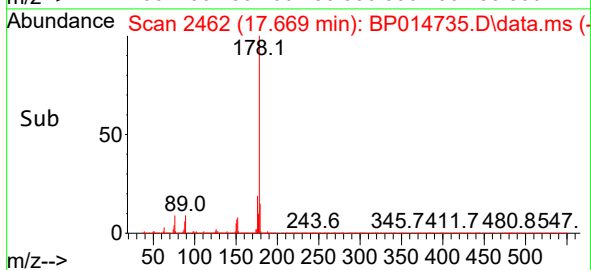
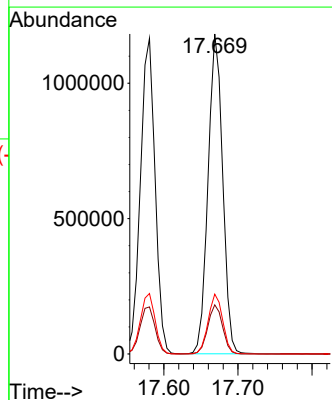
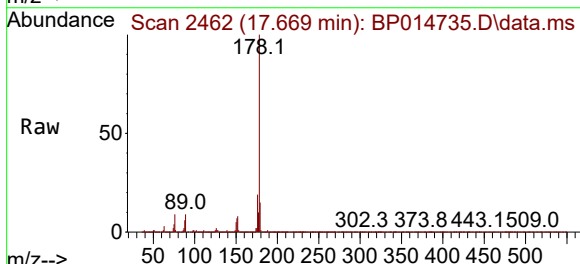
Instrument :
BNA_P
ClientSampleId :
SLCS183

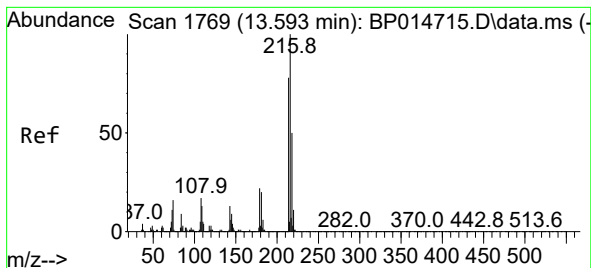
Tgt Ion:178 Resp: 1603100
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 19.2 15.3 22.9



#74
Anthracene
Concen: 32.169 ng/ul
RT: 17.669 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BP014735.D
Acq: 19 Apr 2023 17:49

Tgt Ion:178 Resp: 1622760
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.7 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.987 ng/uL

RT: 13.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

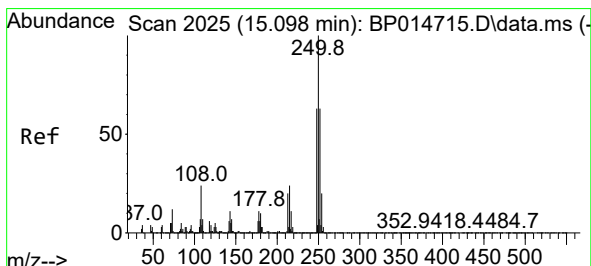
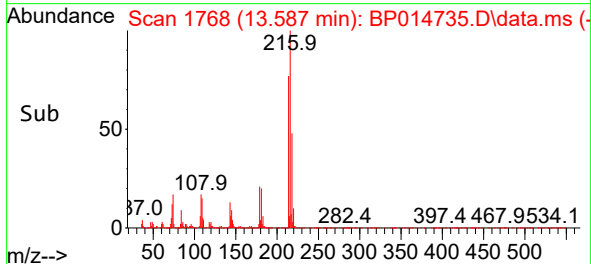
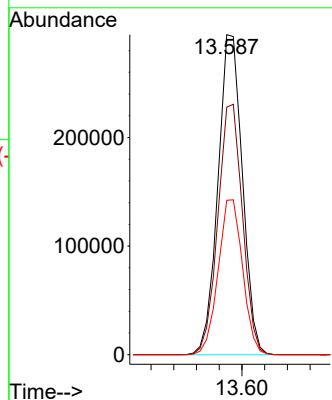
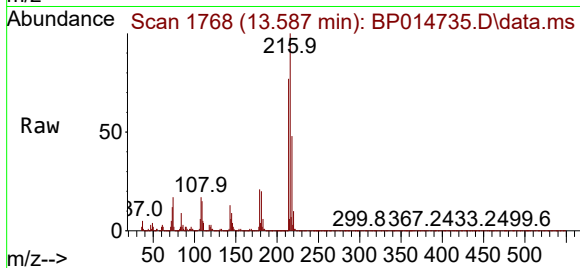
Tgt Ion:216 Resp: 440984

Ion Ratio Lower Upper

216 100

214 77.4 62.8 94.2

218 48.3 39.6 59.4



#76

Pentachlorobenzene

Concen: 32.260 ng/uL

RT: 15.098 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

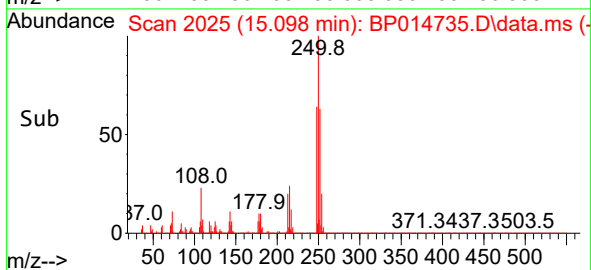
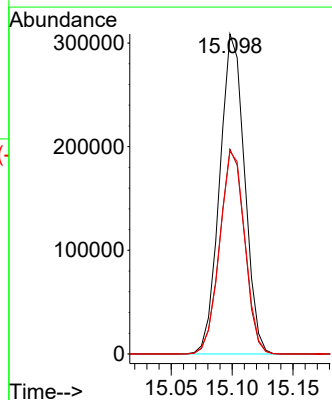
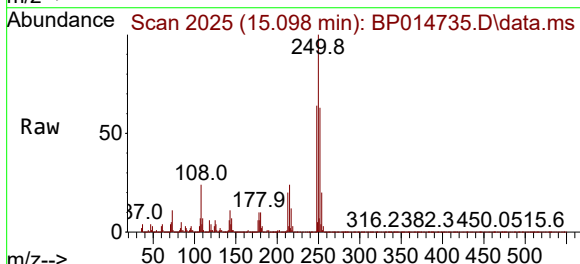
Tgt Ion:250 Resp: 438656

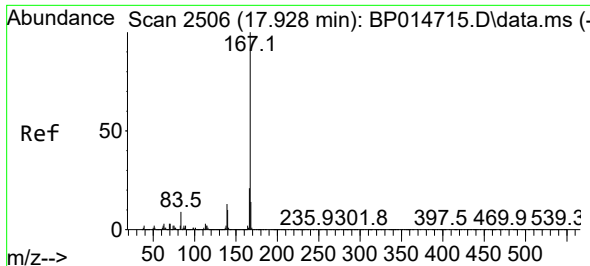
Ion Ratio Lower Upper

250 100

248 64.0 50.7 76.1

252 63.4 50.1 75.1



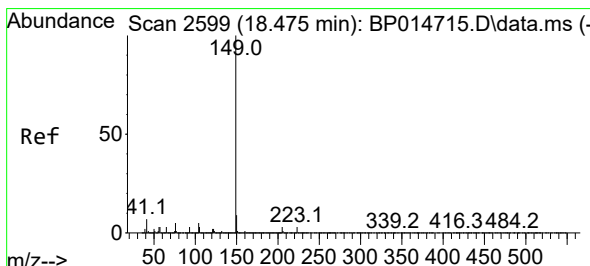
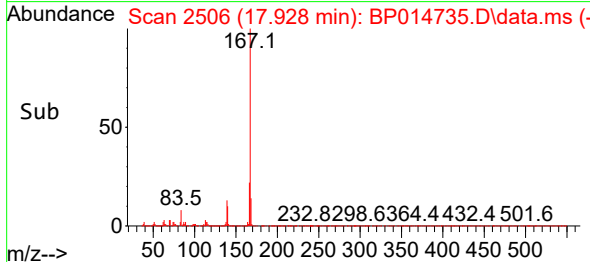
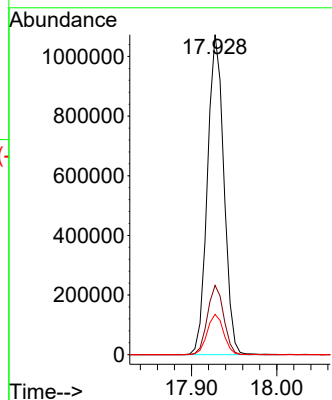
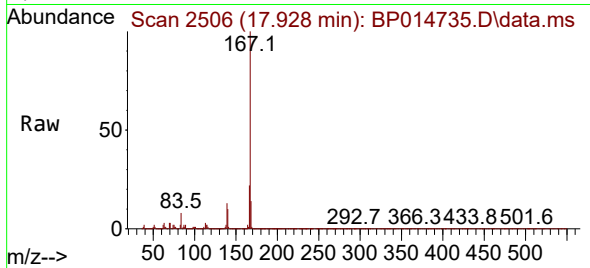


#77
 Carbazole
 Concen: 32.384 ng/ul
 RT: 17.928 min Scan# 2506
 Delta R.T. -0.000 min
 Lab File: BP014735.D
 Acq: 19 Apr 2023 17:49

Instrument :
 BNA_P
 ClientSampleId :
 SLCS183

Tgt Ion:167 Resp: 1434069

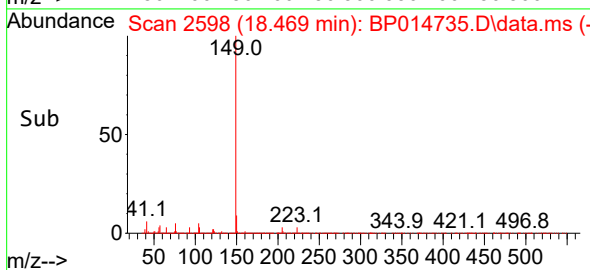
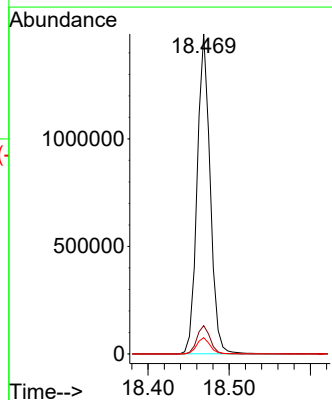
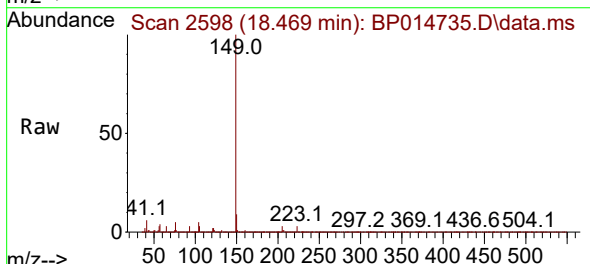
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	12.6	10.2	15.2

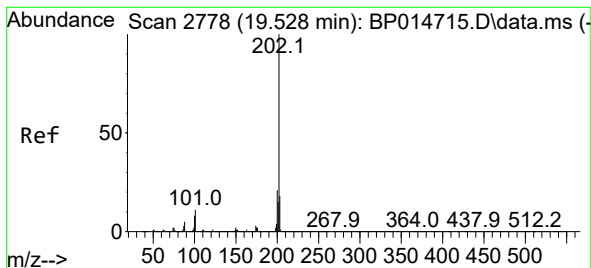


#78
 Di-n-butylphthalate
 Concen: 32.961 ng/ul
 RT: 18.469 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP014735.D
 Acq: 19 Apr 2023 17:49

Tgt Ion:149 Resp: 1657121

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	5.1	3.9	5.9





#80

Fluoranthene

Concen: 33.857 ng/ul

RT: 19.522 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

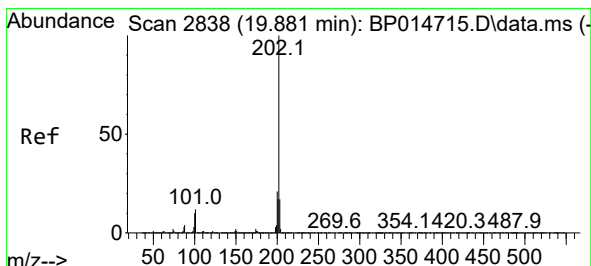
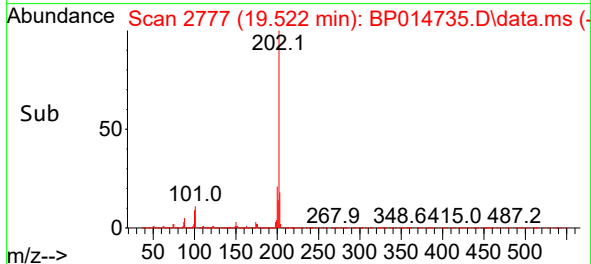
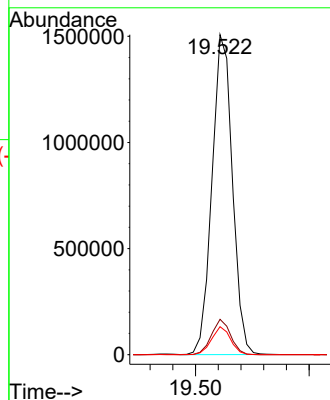
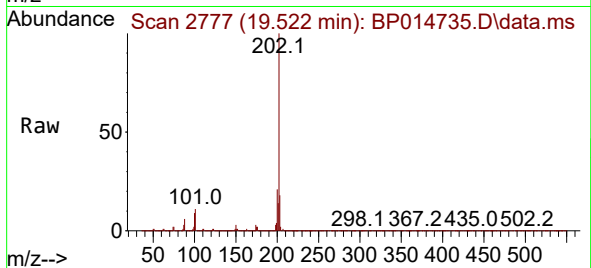
Tgt Ion:202 Resp: 1879651

Ion Ratio Lower Upper

202 100

101 11.0 8.4 12.6

100 8.7 6.4 9.6



#82

Pyrene

Concen: 33.404 ng/ul

RT: 19.874 min Scan# 2837

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

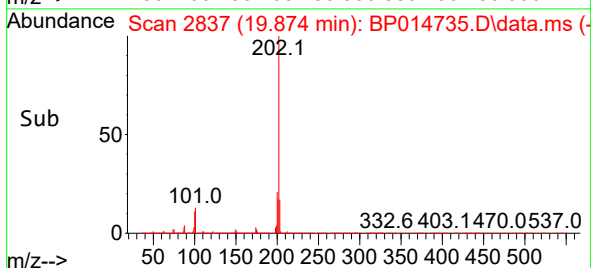
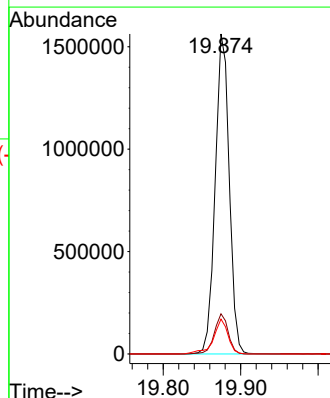
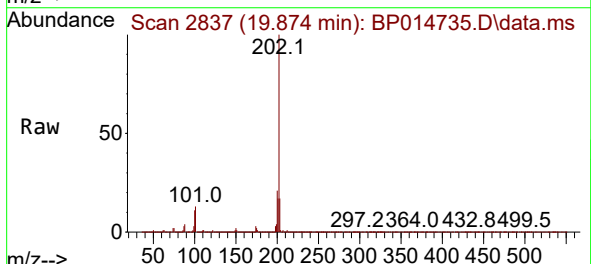
Tgt Ion:202 Resp: 1962422

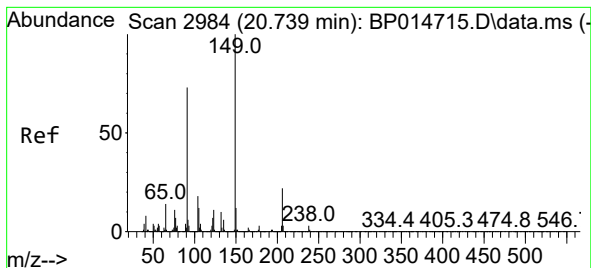
Ion Ratio Lower Upper

202 100

101 12.6 9.4 14.0

100 10.9 8.0 12.0





#83

Butylbenzylphthalate

Concen: 34.030 ng/ul

RT: 20.733 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

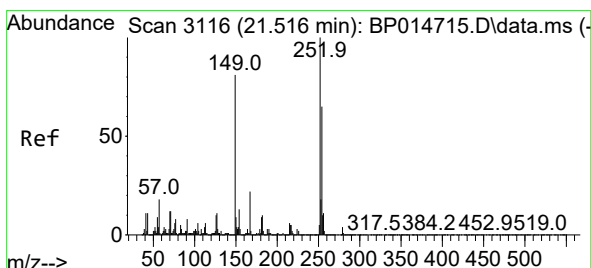
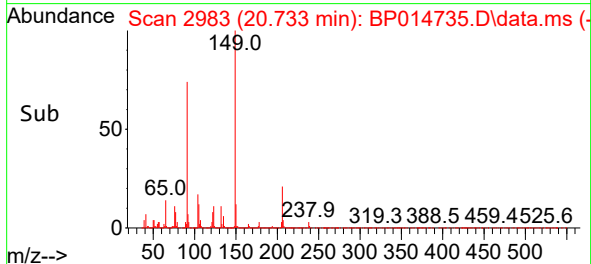
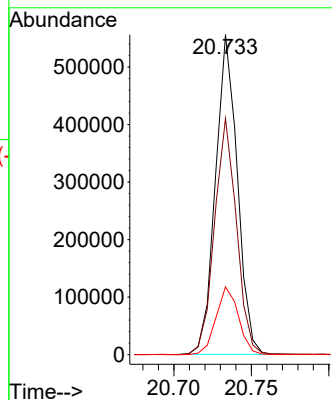
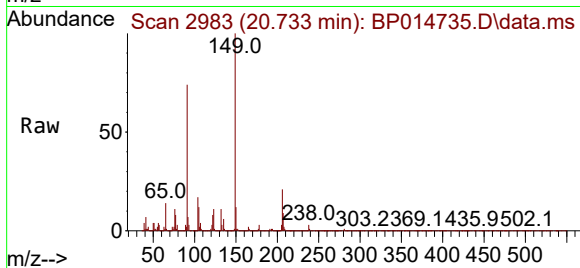
Tgt Ion:149 Resp: 545784

Ion Ratio Lower Upper

149 100

91 73.8 58.6 87.8

206 21.2 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 29.474 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

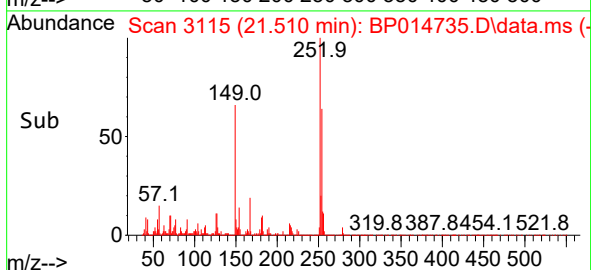
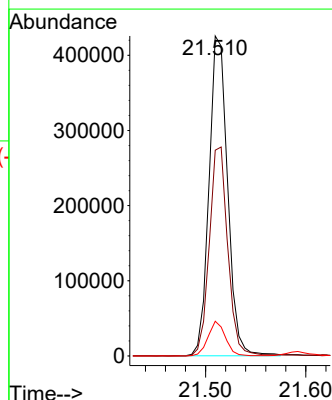
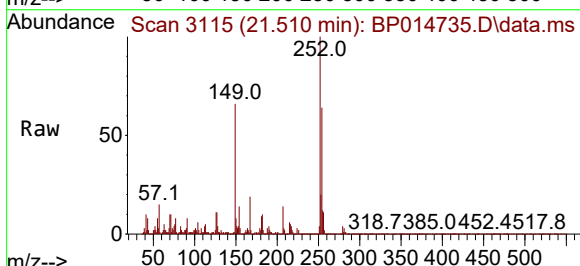
Tgt Ion:252 Resp: 549662

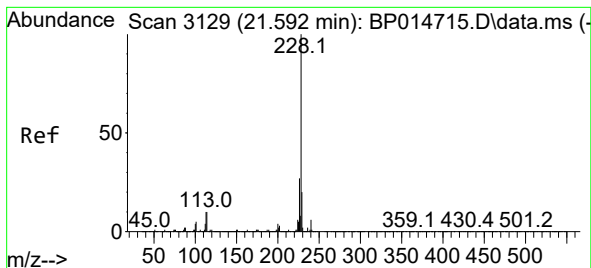
Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.2

126 10.8 8.0 12.0





#85

Benzo(a)anthracene

Concen: 33.149 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

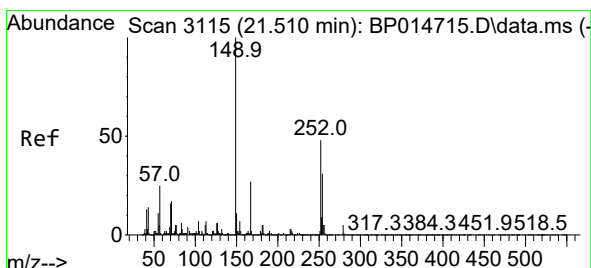
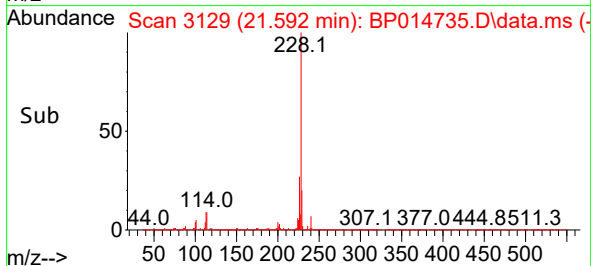
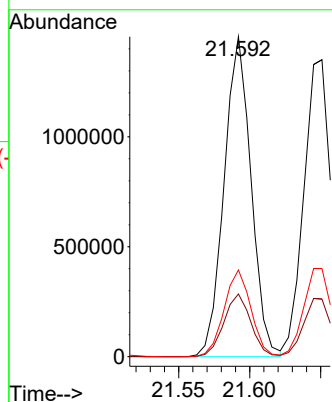
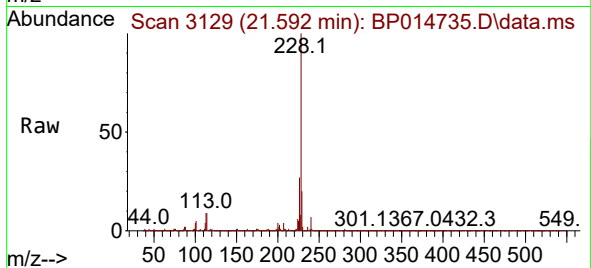
Tgt Ion:228 Resp: 1919373

Ion Ratio Lower Upper

228 100

229 19.6 15.9 23.9

226 27.1 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.496 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

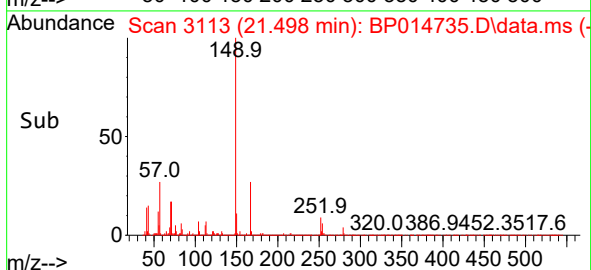
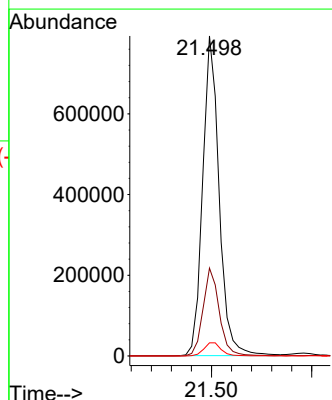
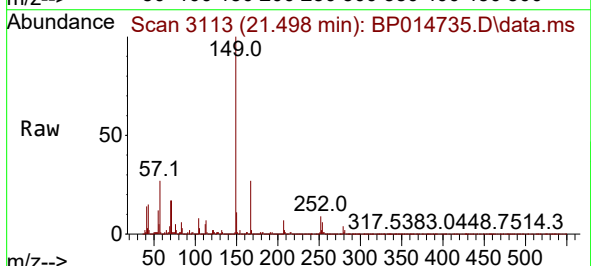
Tgt Ion:149 Resp: 906218

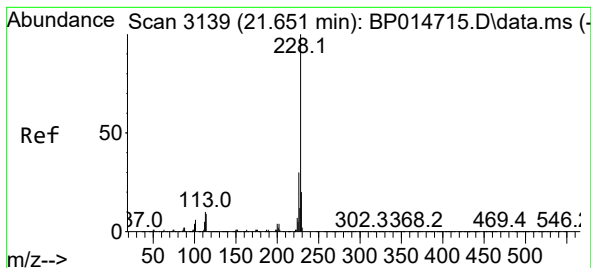
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.1 3.6 5.4





#87

Chrysene

Concen: 33.203 ng/ul

RT: 21.651 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

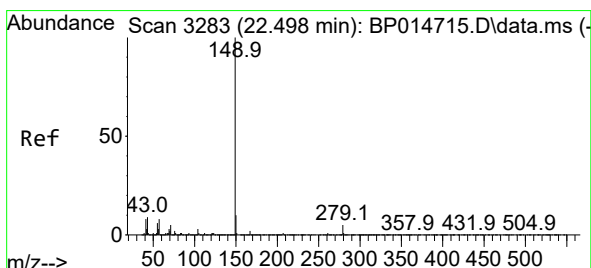
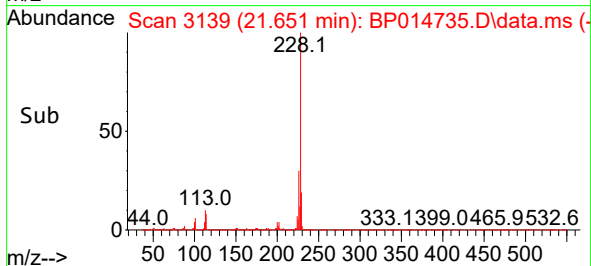
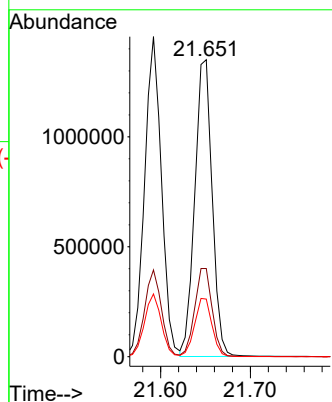
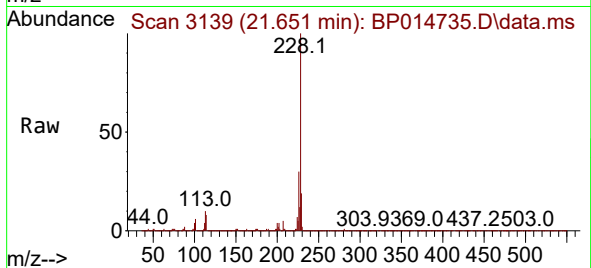
Tgt Ion:228 Resp: 1820011

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 31.334 ng/ul

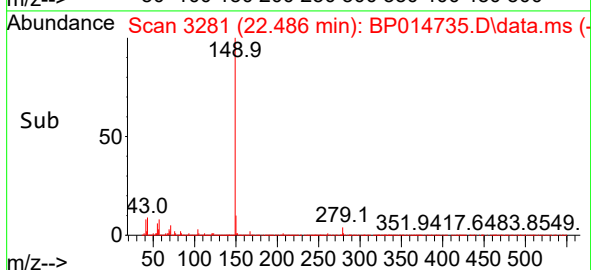
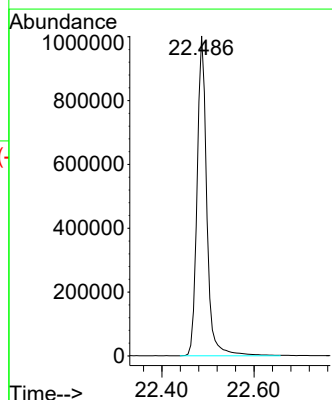
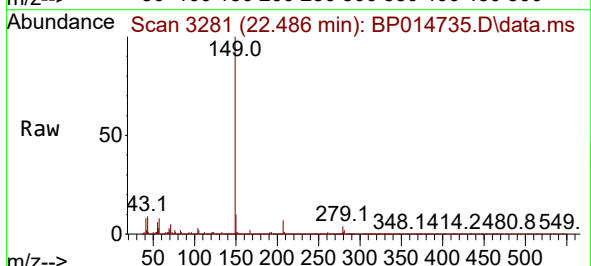
RT: 22.486 min Scan# 3281

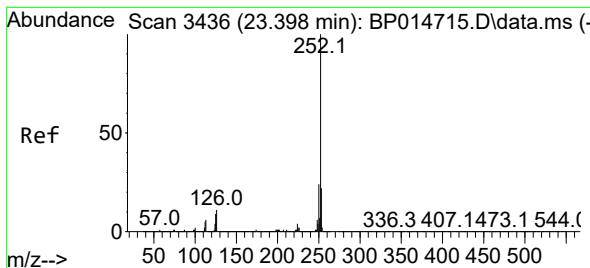
Delta R.T. -0.012 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Tgt Ion:149 Resp: 1460203





#90

Benzo(b)fluoranthene

Concen: 34.948 ng/ul

RT: 23.392 min Scan# 3436

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

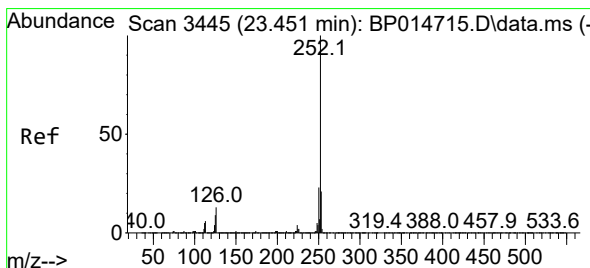
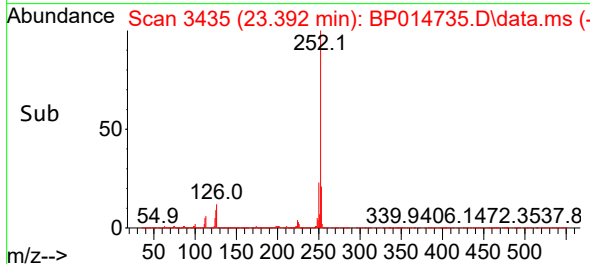
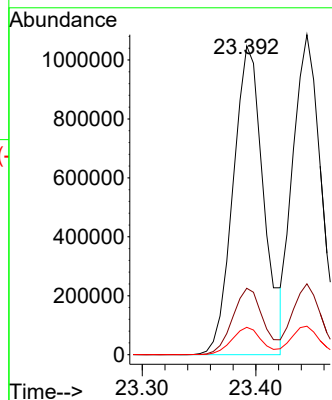
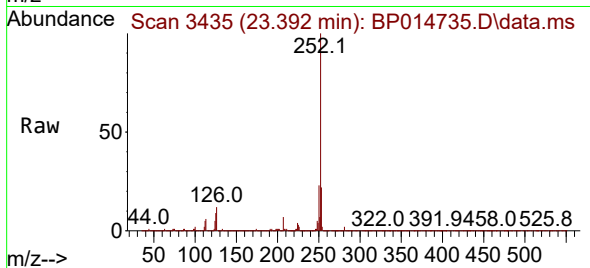
Tgt Ion:252 Resp: 1960805

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.8 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 33.306 ng/ul

RT: 23.445 min Scan# 3444

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

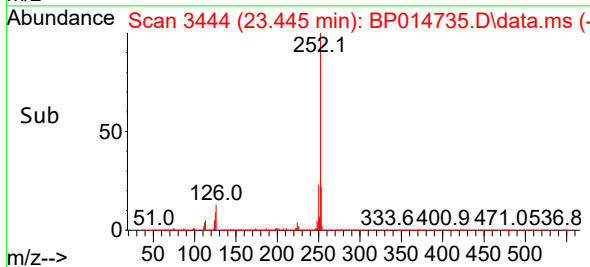
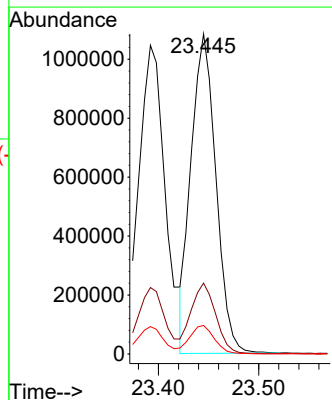
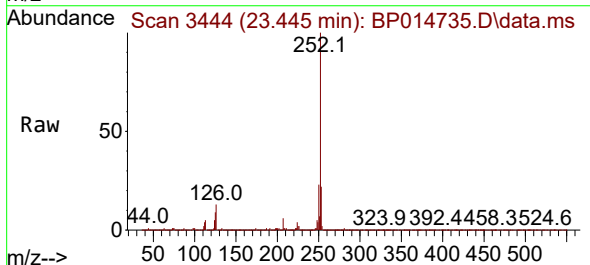
Tgt Ion:252 Resp: 1868884

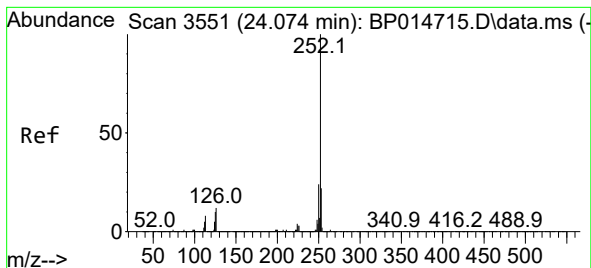
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 8.9 7.0 10.4





#93

Benzo(a)pyrene

Concen: 33.823 ng/ul

RT: 24.068 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

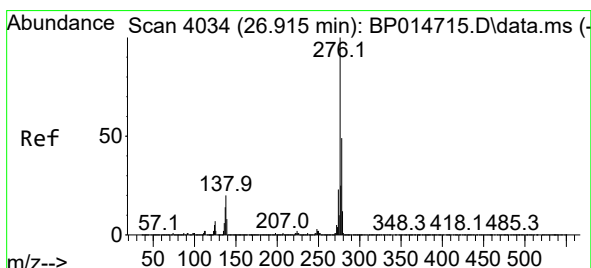
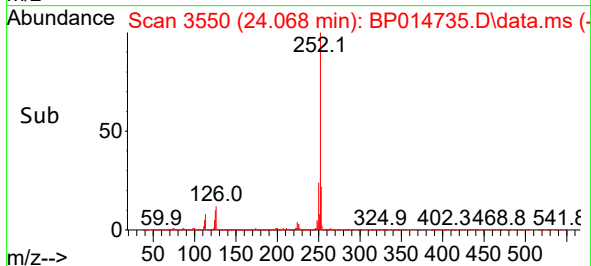
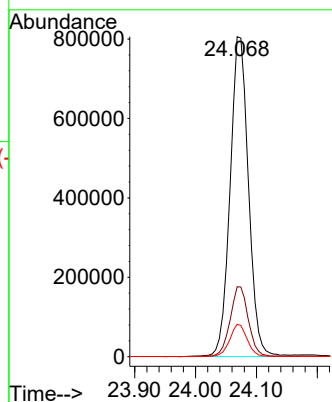
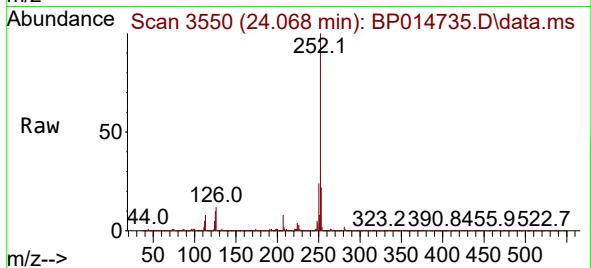
Tgt Ion:252 Resp: 1685387

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.1 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.050 ng/ul

RT: 26.915 min Scan# 4034

Delta R.T. -0.000 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

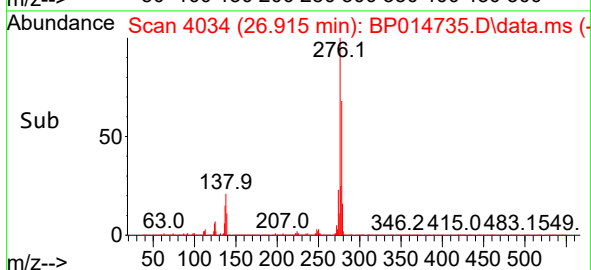
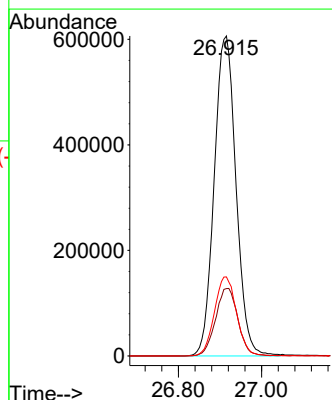
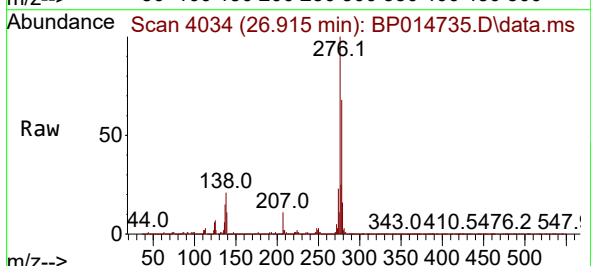
Tgt Ion:276 Resp: 2208247

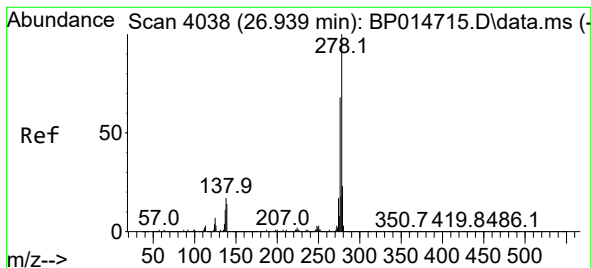
Ion Ratio Lower Upper

276 100

138 21.0 16.3 24.5

277 24.7 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 34.051 ng/ul

RT: 26.933 min Scan# 4038

Delta R.T. -0.006 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Instrument :

BNA_P

ClientSampleId :

SLCS183

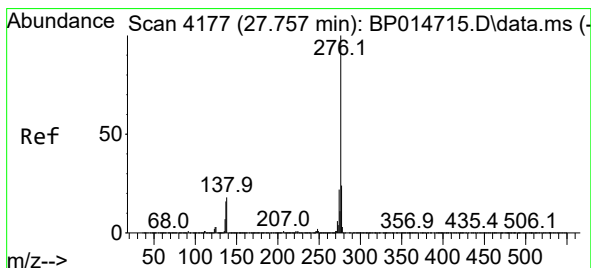
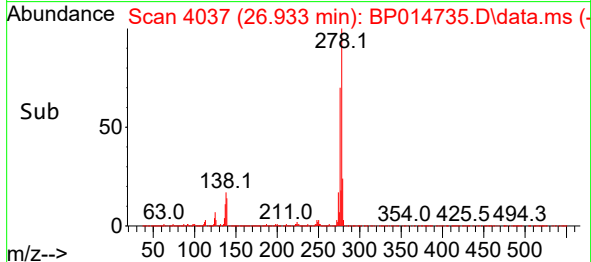
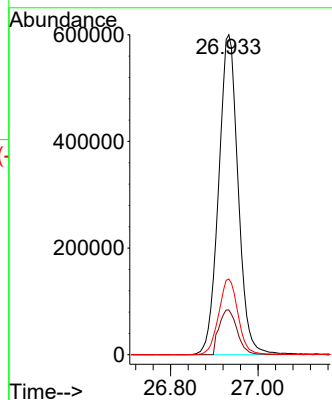
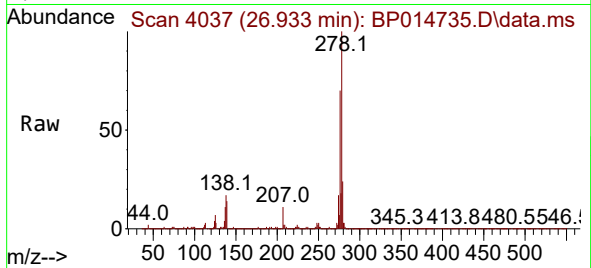
Tgt Ion:278 Resp: 1849355

Ion Ratio Lower Upper

278 100

139 14.0 11.5 17.3

279 23.6 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 33.894 ng/ul

RT: 27.745 min Scan# 4175

Delta R.T. -0.012 min

Lab File: BP014735.D

Acq: 19 Apr 2023 17:49

Tgt Ion:276 Resp: 1758056

Ion Ratio Lower Upper

276 100

138 18.0 14.3 21.5

277 23.6 19.5 29.3

