

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
 Data File : BP020006.D
 Acq On : 26 Mar 2024 21:18
 Operator : MA/JU
 Sample : PB159783BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS783

Quant Time: Mar 26 23:28:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	83065	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	336444	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	222049	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	465287	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	480145	20.000	ng/u1	-0.01
88) Perylene-d12	24.815	264	514216	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	14754	7.782	ng/uL	0.00
4) Pyridine-d5	3.640	84	176807	30.886	ng/u1	0.00
7) Phenol-d5	6.805	99	278713	39.784	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	173678	38.052	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	196804	39.117	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	217721	40.169	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	98279	38.111	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	110734	38.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	206332	39.157	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	43870	6.386	ng/u1	0.02
46) Dimethylphthalate-d6	13.663	166	598175	38.422	ng/u1	0.01
49) Acenaphthylene-d8	13.934	160	681983	37.500	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	102869	42.030	ng/u1	0.00
60) Fluorene-d10	15.269	176	514895	38.825	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	112794	40.498	ng/u1	-0.02
73) Anthracene-d10	17.186	188	802171	38.947	ng/u1	0.02
81) Pyrene-d10	19.569	212	989217	35.115	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	935532	37.870	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	32361	14.958	ng/uL#	93
5) Pyridine	3.658	79	162191	27.796	ng/u1	94
6) Benzaldehyde	6.793	77	121179	34.980	ng/u1	97
8) Phenol	6.834	94	288997	39.457	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	226920	38.256	ng/u1	99
12) 2-Chlorophenol	7.193	128	205600	38.777	ng/u1	98
13) 2-Methylphenol	8.052	108	209986	39.771	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	313200	38.400	ng/u1	99
16) Acetophenone	8.428	105	340996	39.004	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	191049	39.180	ng/u1	100
18) 4-Methylphenol	8.381	108	226060	39.780	ng/u1	100
19) Hexachloroethane	8.663	117	93532	37.979	ng/u1	96
22) Nitrobenzene	8.804	77	291116	39.633	ng/u1	98
23) Isophorone	9.322	82	523722	38.250	ng/u1	99
25) 2-Nitrophenol	9.499	139	116387	38.694	ng/u1	98
26) 2,4-Dimethylphenol	9.563	107	257188	39.170	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.793	93	300026	37.474	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	204399	39.652	ng/u1	98
30) Naphthalene	10.410	128	657878	38.115	ng/u1	99
32) 4-Chloroaniline	10.557	127	89942	13.342	ng/u1	97
33) Hexachlorobutadiene	10.675	225	150428	37.030	ng/u1	98
34) Caprolactam	11.351	113	56152	35.044	ng/u1	93
35) 4-Chloro-3-methylphenol	11.669	107	245194	42.819	ng/u1	96
36) 2-Methylnaphthalene	12.034	142	443122	38.559	ng/u1	100

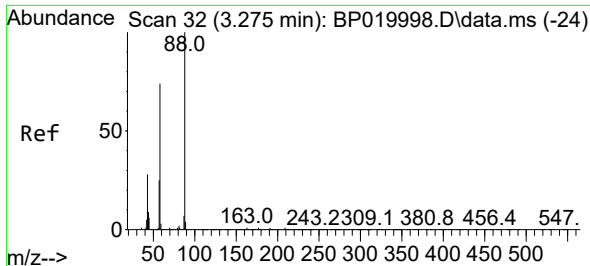
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	439681	38.255	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.404	216	263621	35.909	ng/ul	100
40) Hexachlorocyclopentadiene	12.363	237	138227	33.273	ng/ul	99
41) 2,4,6-Trichlorophenol	12.651	196	168507	37.362	ng/ul	97
42) 2,4,5-Trichlorophenol	12.740	196	183061	39.243	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	584763	36.365	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	466996	36.012	ng/ul	99
45) 2-Nitroaniline	13.334	65	171866	42.075	ng/ul	98
47) Dimethylphthalate	13.716	163	604723	38.483	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	125117	39.215	ng/ul	96
50) Acenaphthylene	13.963	152	764276	37.579	ng/ul	99
51) 3-Nitroaniline	14.181	138	57681	19.631	ng/ul	99
52) Acenaphthene	14.304	153	505396	37.407	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	68054	37.480	ng/ul	99
55) 4-Nitrophenol	14.498	109	99209	44.171	ng/ul	94
56) Dibenzofuran	14.645	168	700380	38.170	ng/ul	97
57) 2,4-Dinitrotoluene	14.645	165	184345	42.261	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.892	232	159525	39.878	ng/ul	98
59) Diethylphthalate	15.110	149	598478	38.406	ng/ul	98
61) Fluorene	15.322	166	574296	38.375	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	298392	37.225	ng/ul	99
63) 4-Nitroaniline	15.363	138	99930	39.822	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.416	198	114926	38.881	ng/ul	96
67) N-Nitrosodiphenylamine	15.563	169	427043	33.228	ng/ul	97
68) 4-Bromophenyl-phenylether	16.239	248	186773	36.986	ng/ul	97
69) Hexachlorobenzene	16.345	284	210982	37.626	ng/ul	98
70) Atrazine	16.539	200	100278	20.365	ng/ul	99
71) Pentachlorophenol	16.722	266	128634	39.134	ng/ul	98
72) Phenanthrene	17.128	178	932113	38.747	ng/ul	100
74) Anthracene	17.216	178	949700	38.880	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	267286	35.234	ng/uL	99
76) Pentachlorobenzene	14.569	250	249925	35.574	ng/uL	98
77) Carbazole	17.504	167	759956	36.384	ng/ul	100
78) Di-n-butylphthalate	18.098	149	975715	37.413	ng/ul	99
80) Fluoranthene	19.222	202	1141523	34.498	ng/ul	99
82) Pyrene	19.604	202	1195360	34.759	ng/ul	99
83) Butylbenzylphthalate	20.580	149	481031	34.447	ng/ul	96
85) Benzo(a)anthracene	21.510	228	1308011	39.366	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	678846	33.269	ng/ul	96
87) Chrysene	21.580	228	1215347	39.342	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	1214819	37.249	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1341193	44.487	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	1349217	44.039	ng/ul	99
93) Benzo(a)pyrene	24.657	252	759678	26.050	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.521	276	639707	17.416	ng/ul	99
95) Dibenzo(a,h)anthracene	28.615	278	1312818	43.940	ng/ul	97
96) Benzo(g,h,i)perylene	29.686	276	763604	25.738	ng/ul	97

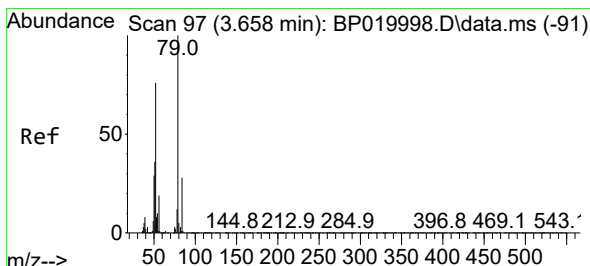
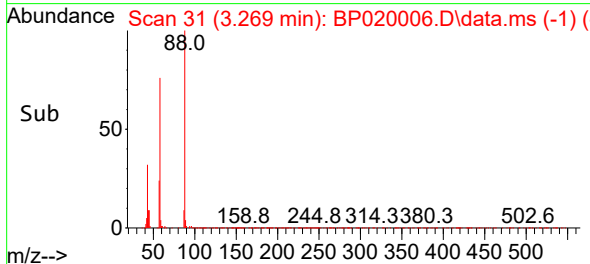
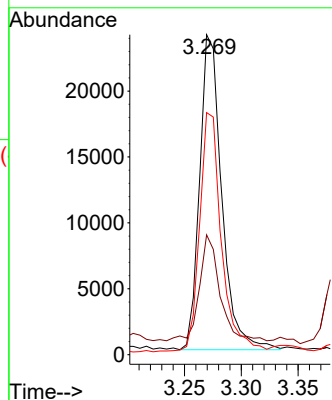
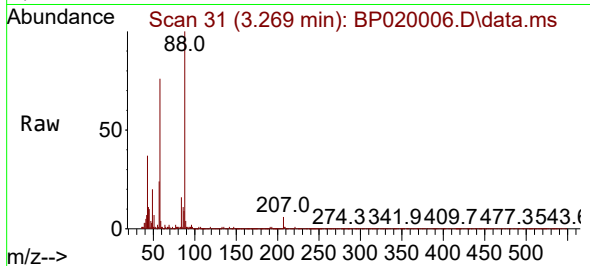
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#2
1,4-Dioxane
Concen: 14.958 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. -0.006 min
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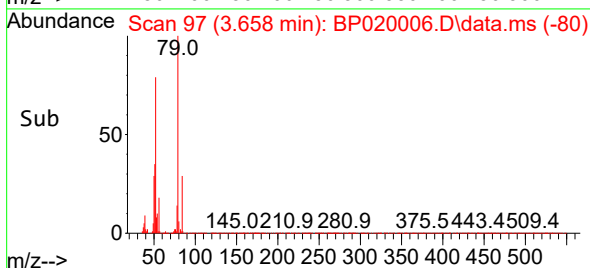
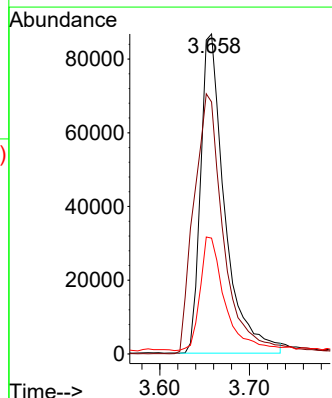
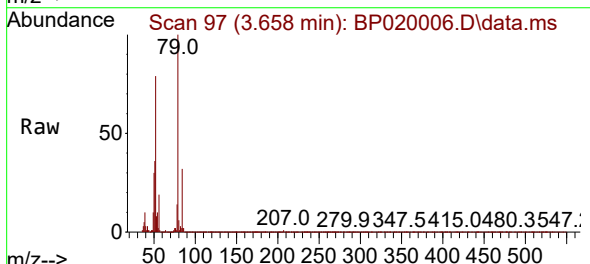
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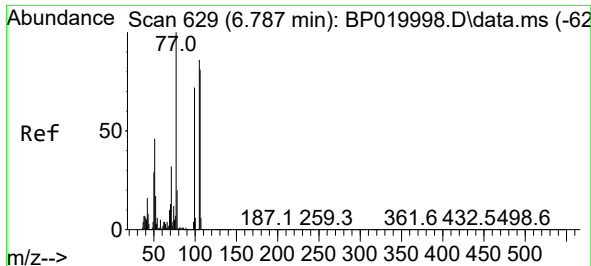
Tgt Ion: 88 Resp: 32361
Ion Ratio Lower Upper
88 100
43 37.5 23.3 34.9#
58 75.7 58.3 87.5



#5
Pyridine
Concen: 27.796 ng/uL
RT: 3.658 min Scan# 97
Delta R.T. -0.000 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion: 79 Resp: 162191
Ion Ratio Lower Upper
79 100
52 78.7 57.9 86.9
51 36.2 28.2 42.2

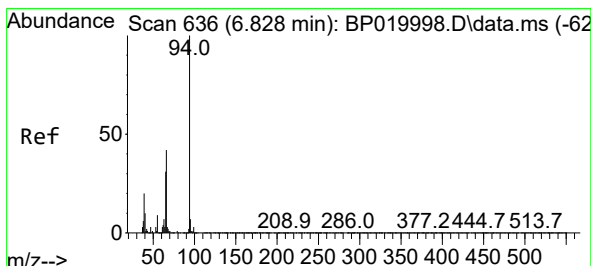
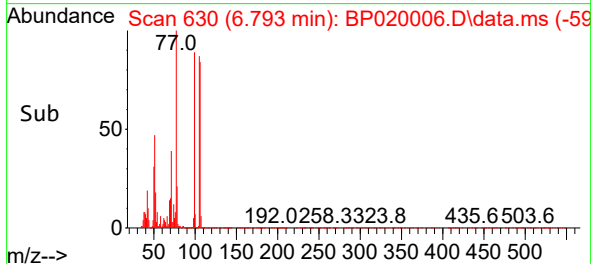
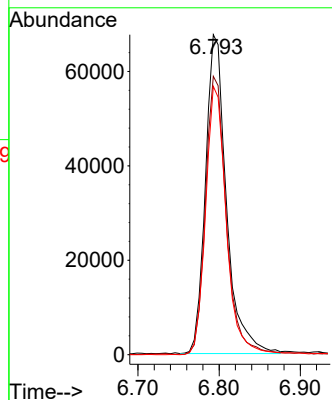
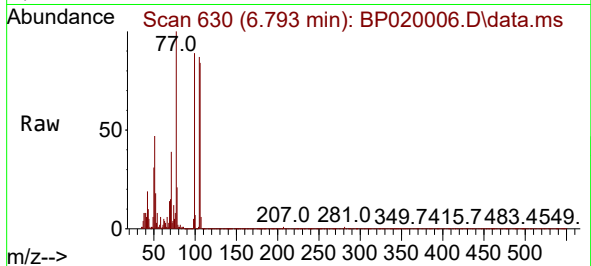




#6
Benzaldehyde
Concen: 34.980 ng/ul
RT: 6.793 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

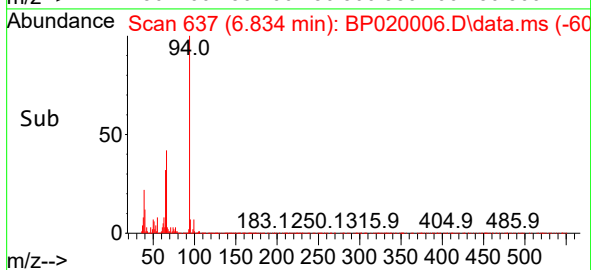
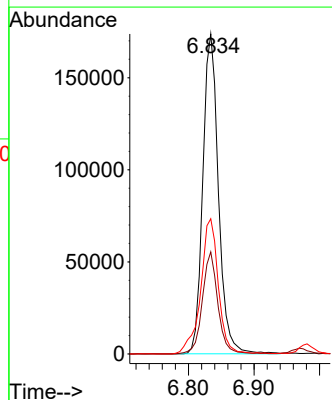
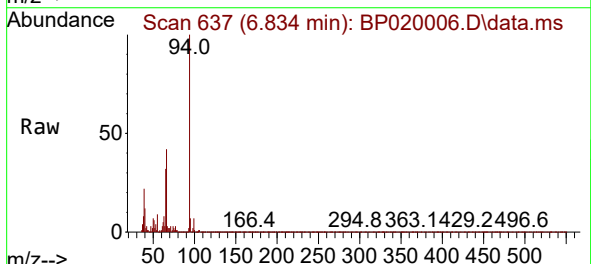
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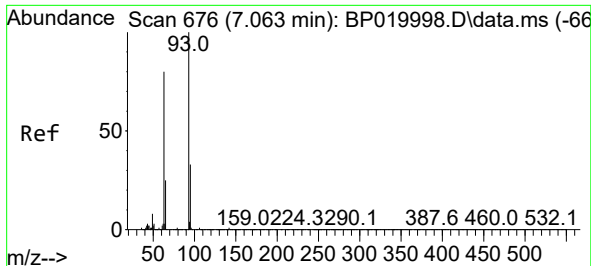
Tgt Ion: 77 Resp: 121179
Ion Ratio Lower Upper
77 100
105 87.0 72.2 108.4
106 83.9 69.1 103.7



#8
Phenol
Concen: 39.457 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion: 94 Resp: 288997
Ion Ratio Lower Upper
94 100
65 31.9 23.8 35.8
66 42.2 33.2 49.8

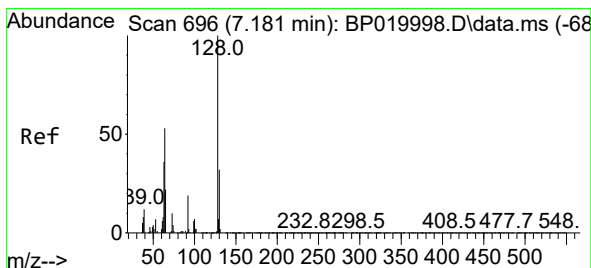
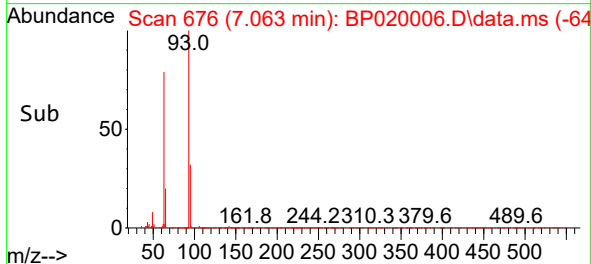
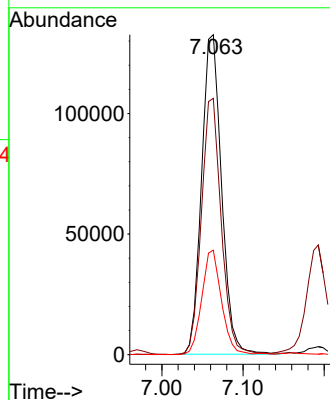
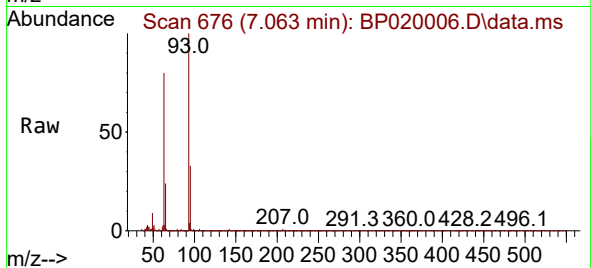




#10
Bis(2-Chloroethyl)ether
Concen: 38.256 ng/ul
RT: 7.063 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

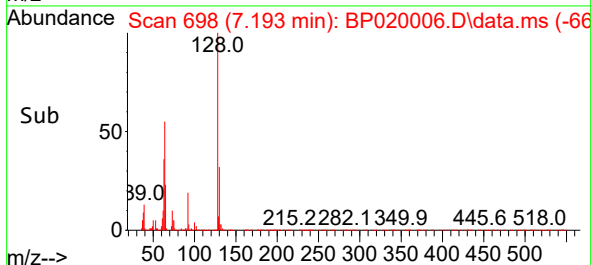
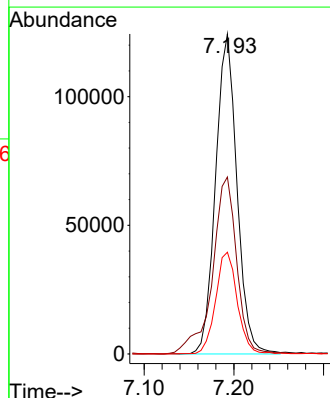
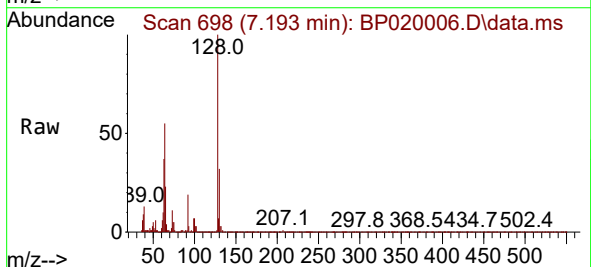
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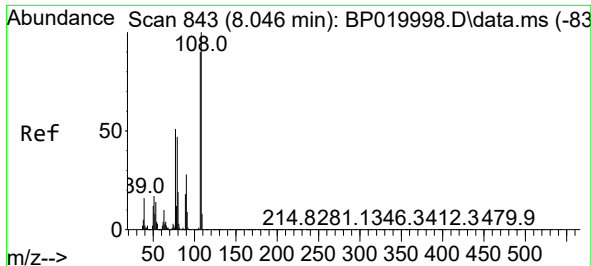
Tgt Ion: 93 Resp: 226920
Ion Ratio Lower Upper
93 100
63 80.1 63.5 95.3
95 32.7 24.9 37.3



#12
2-Chlorophenol
Concen: 38.777 ng/ul
RT: 7.193 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion: 128 Resp: 205600
Ion Ratio Lower Upper
128 100
64 55.3 42.5 63.7
130 31.8 25.0 37.4





#13

2-Methylphenol

Concen: 39.771 ng/ul

RT: 8.052 min Scan# 843

Delta R.T. -0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

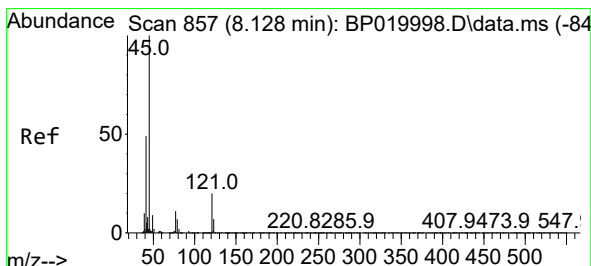
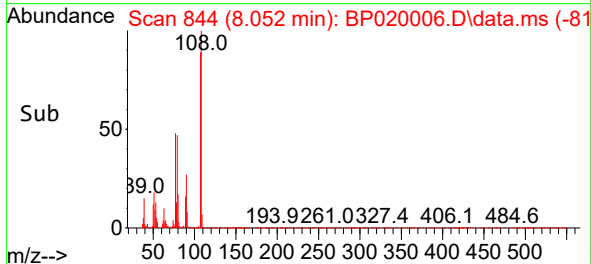
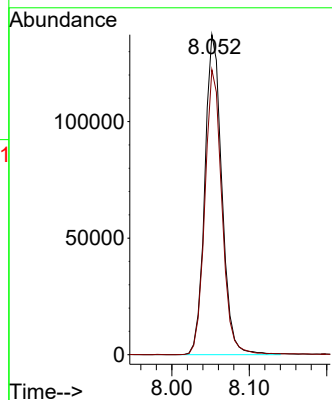
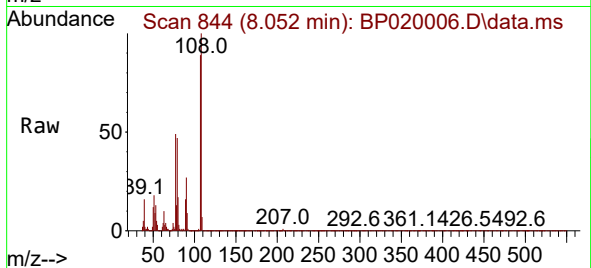
SLCS783

Tgt Ion:108 Resp: 209986

Ion Ratio Lower Upper

108 100

107 89.1 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 38.400 ng/ul

RT: 8.128 min Scan# 857

Delta R.T. -0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

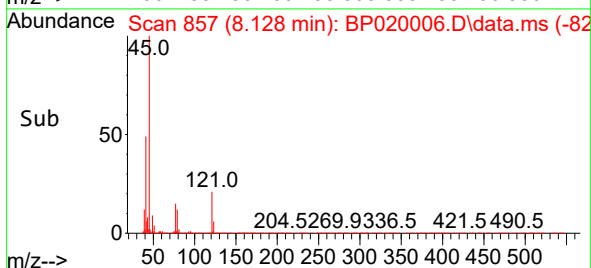
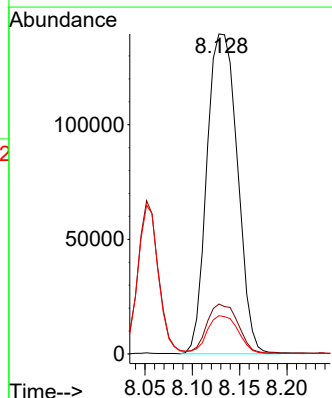
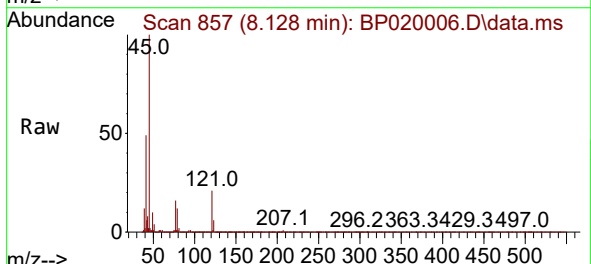
Tgt Ion: 45 Resp: 313200

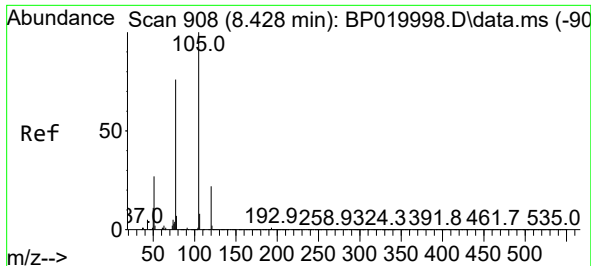
Ion Ratio Lower Upper

45 100

77 15.6 12.3 18.5

79 12.0 9.4 14.0

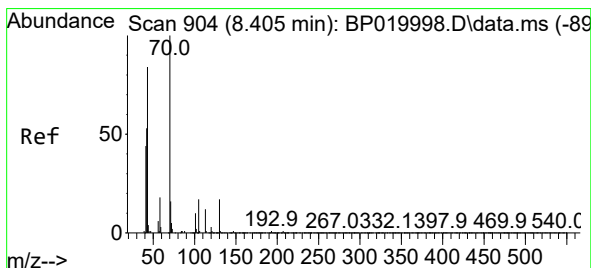
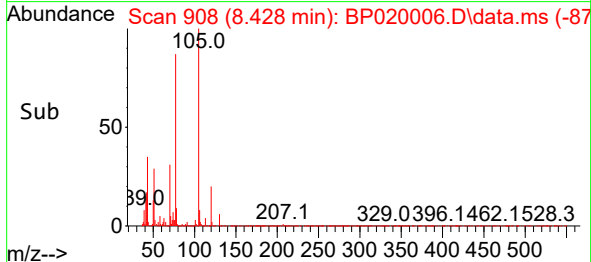
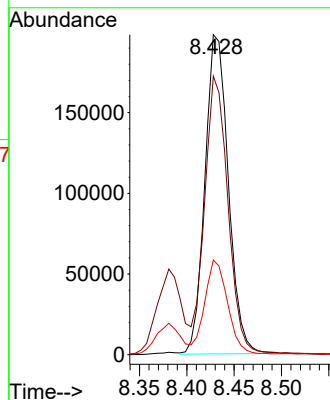
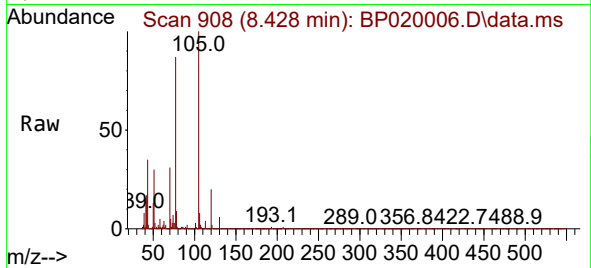




#16
Acetophenone
Concen: 39.004 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
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Acq: 26 Mar 2024 21:18

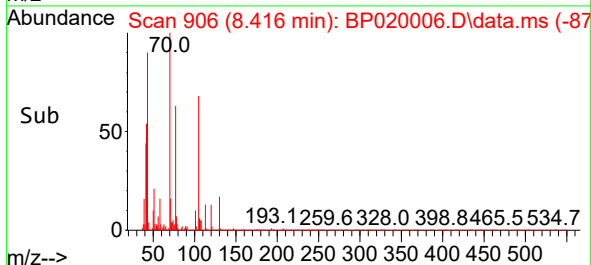
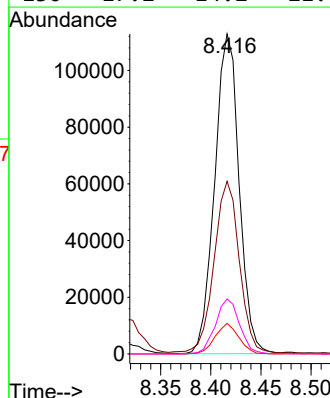
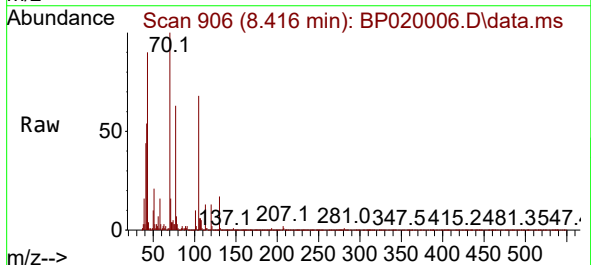
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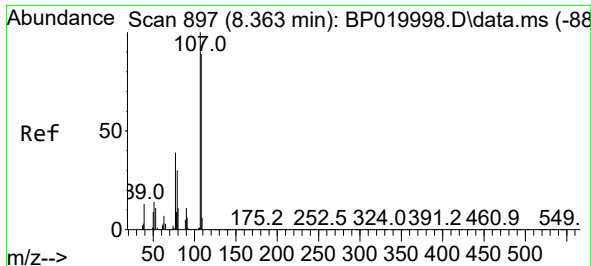
Tgt Ion:105 Resp: 340996
Ion Ratio Lower Upper
105 100
77 87.0 67.8 101.6
51 29.6 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 39.180 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion: 70 Resp: 191049
Ion Ratio Lower Upper
70 100
42 53.9 43.1 64.7
101 9.6 7.7 11.5
130 17.2 14.2 21.4

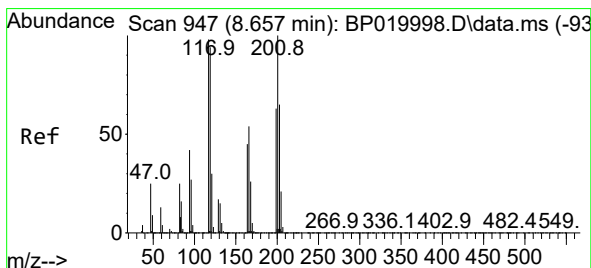
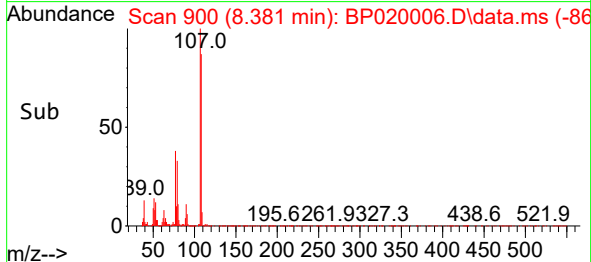
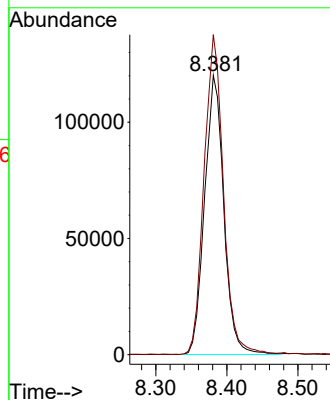
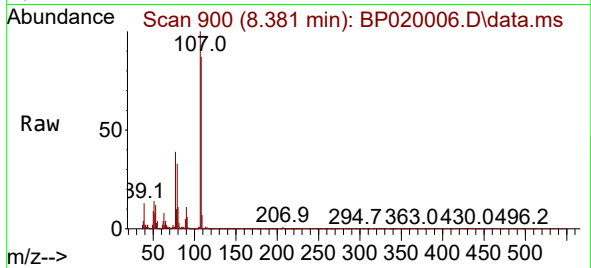




#18
4-Methylphenol
Concen: 39.780 ng/ul
RT: 8.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

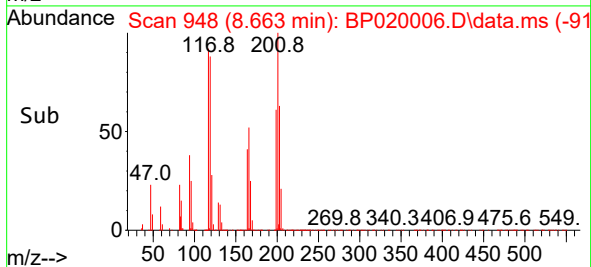
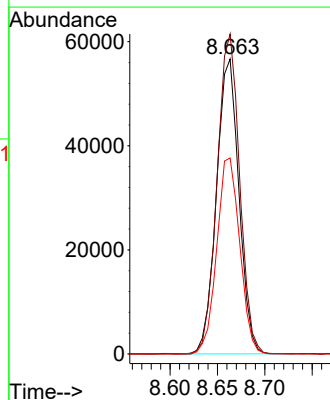
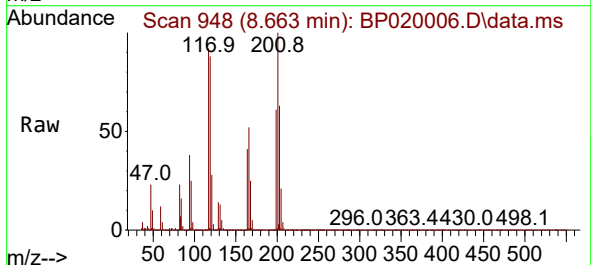
Instrument :
BNA_P
ClientSampleId :
SLCS783

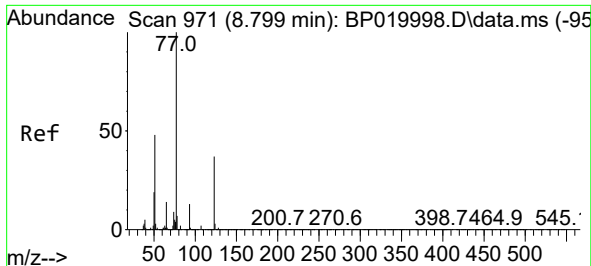
Tgt Ion:108 Resp: 226060
Ion Ratio Lower Upper
108 100
107 114.6 91.3 136.9



#19
Hexachloroethane
Concen: 37.979 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:117 Resp: 93532
Ion Ratio Lower Upper
117 100
201 108.5 82.1 123.1
199 66.4 53.8 80.8

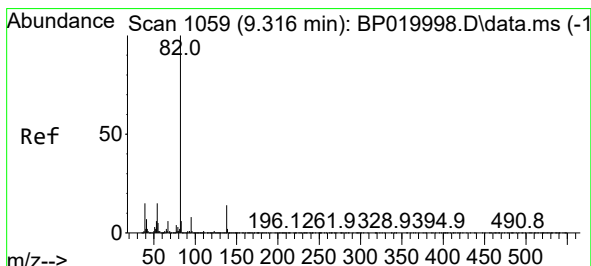
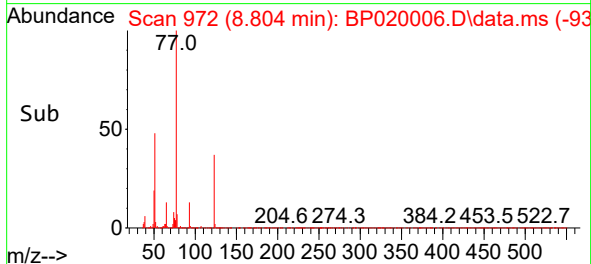
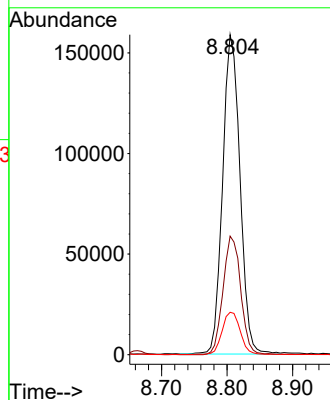
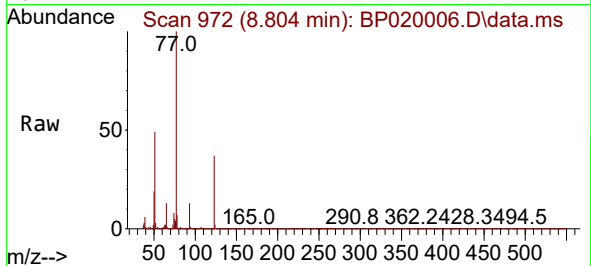




#22
Nitrobenzene
Concen: 39.633 ng/ul
RT: 8.804 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

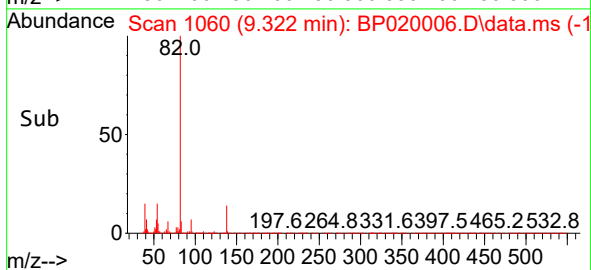
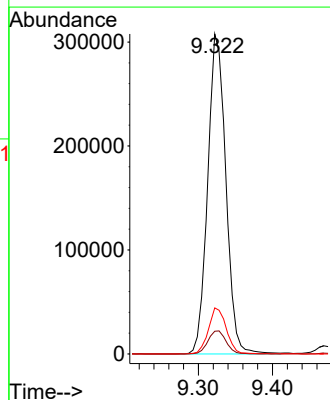
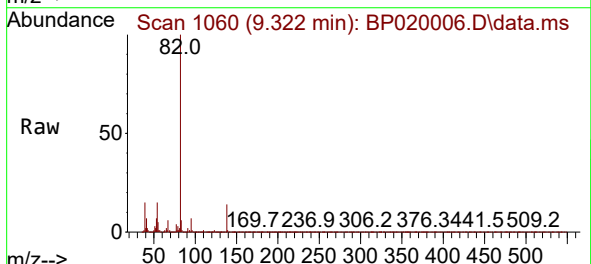
Instrument :
BNA_P
ClientSampleId :
SLCS783

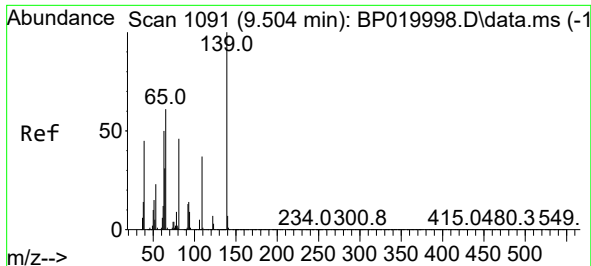
Tgt Ion: 77 Resp: 291116
Ion Ratio Lower Upper
77 100
123 37.1 30.6 46.0
65 13.2 11.4 17.0



#23
Isophorone
Concen: 38.250 ng/ul
RT: 9.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion: 82 Resp: 523722
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 14.4 12.1 18.1

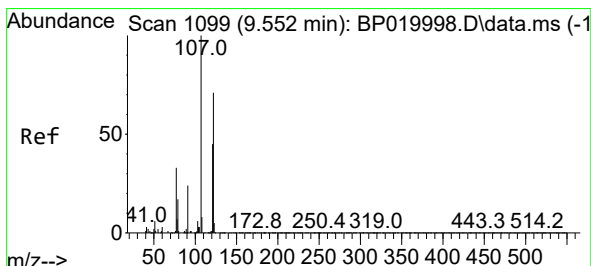
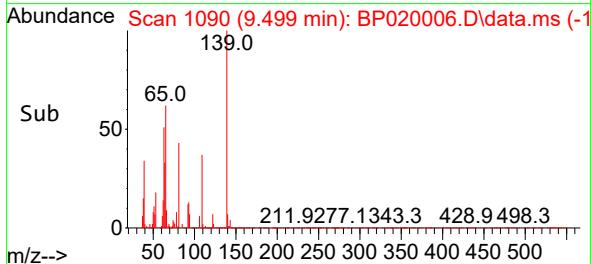
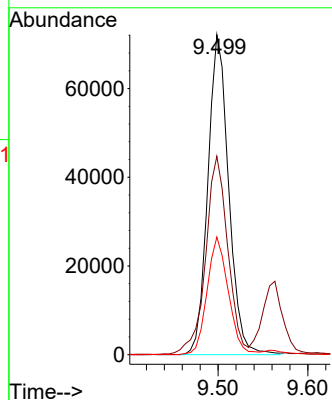
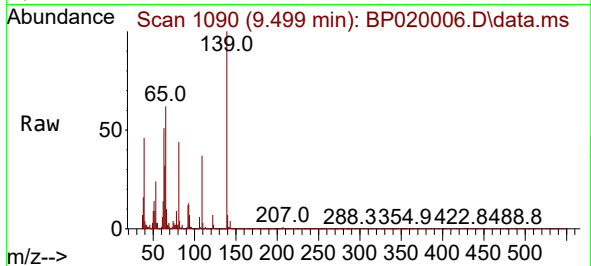




#25
2-Nitrophenol
Concen: 38.694 ng/ul
RT: 9.499 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

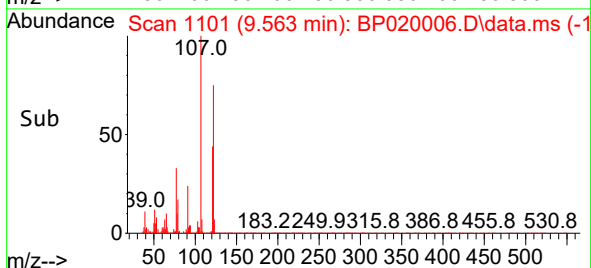
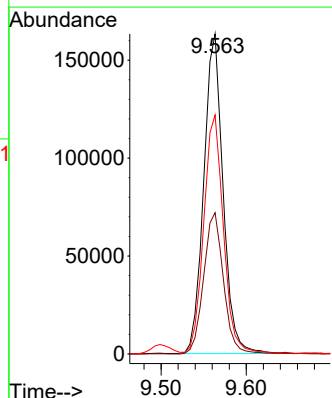
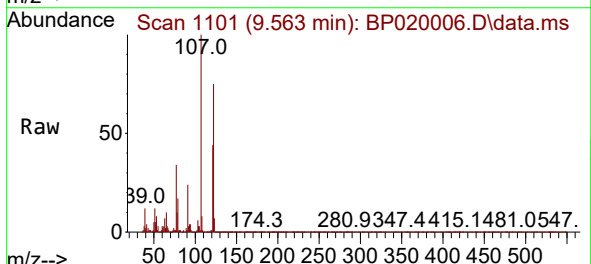
Instrument :
BNA_P
ClientSampleId :
SLCS783

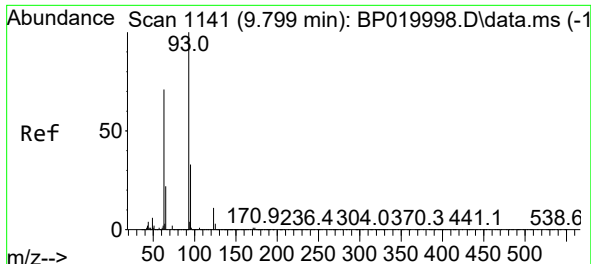
Tgt Ion:139 Resp: 116387
Ion Ratio Lower Upper
139 100
65 62.0 49.0 73.6
109 36.8 27.8 41.6



#26
2,4-Dimethylphenol
Concen: 39.170 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:107 Resp: 257188
Ion Ratio Lower Upper
107 100
121 44.2 37.4 56.2
122 74.7 63.3 94.9





#27

Bis(2-Chloroethoxy)methane

Concen: 37.474 ng/ul

RT: 9.793 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

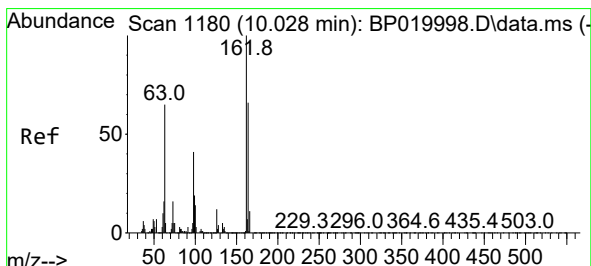
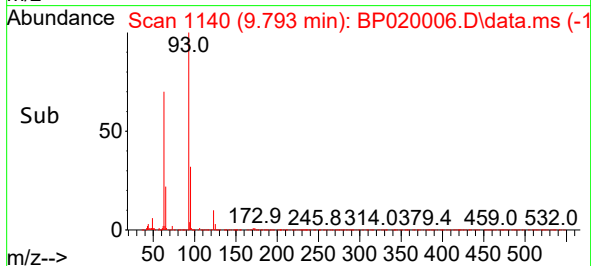
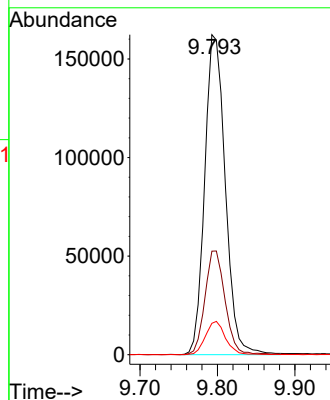
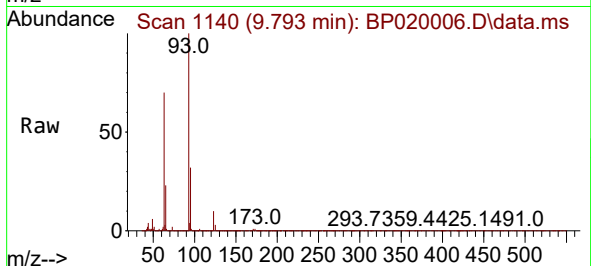
Tgt Ion: 93 Resp: 300026

Ion Ratio Lower Upper

93 100

95 32.4 25.2 37.8

123 9.8 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 39.652 ng/ul

RT: 10.028 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

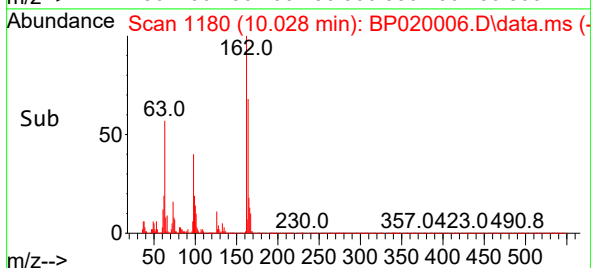
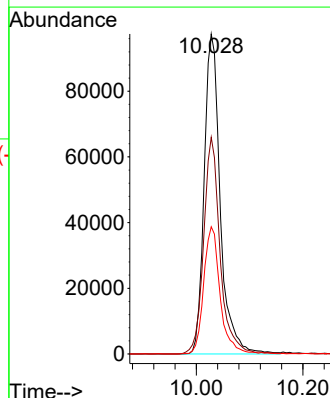
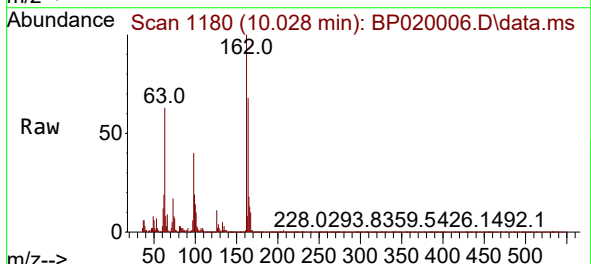
Tgt Ion:162 Resp: 204399

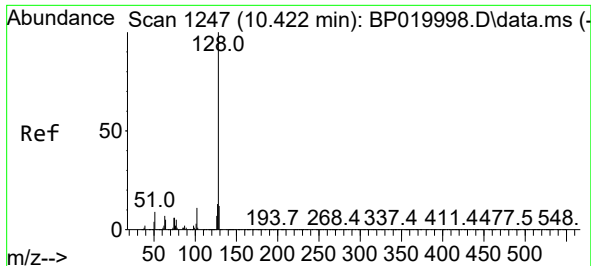
Ion Ratio Lower Upper

162 100

164 67.7 52.7 79.1

98 39.7 32.4 48.6

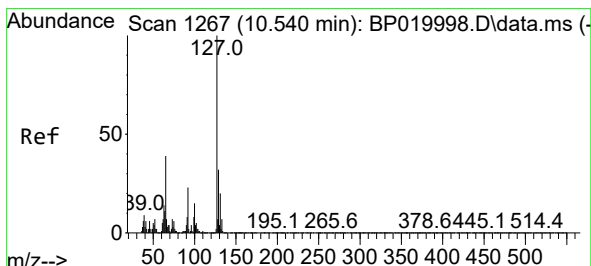
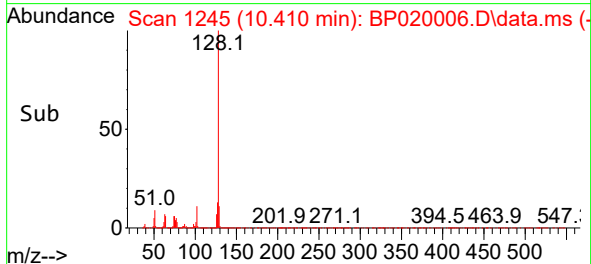
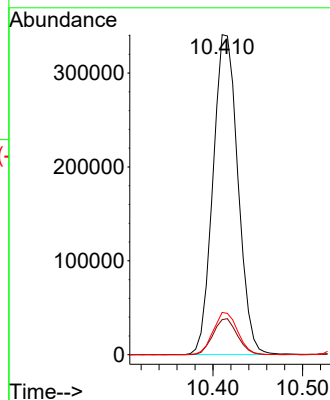
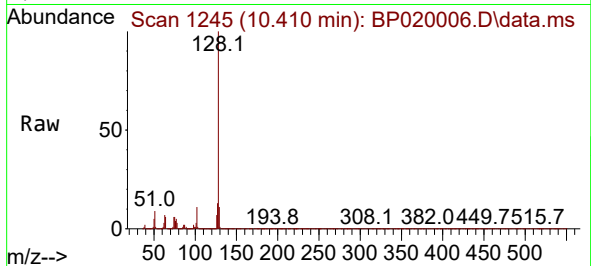




#30
Naphthalene
Concen: 38.115 ng/ul
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

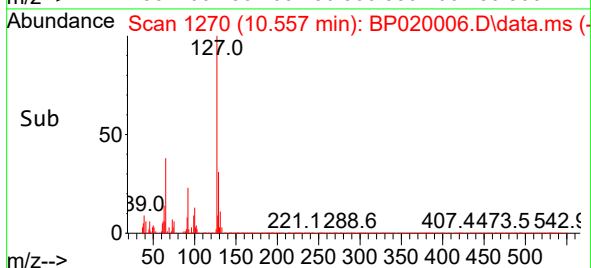
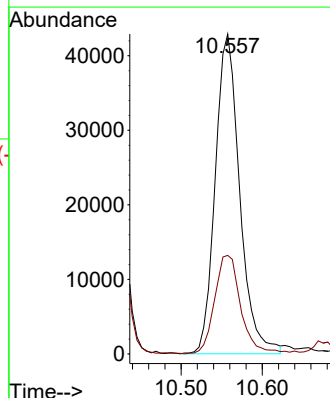
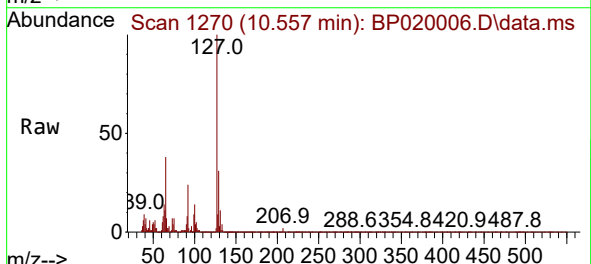
Instrument :
BNA_P
ClientSampleId :
SLCS783

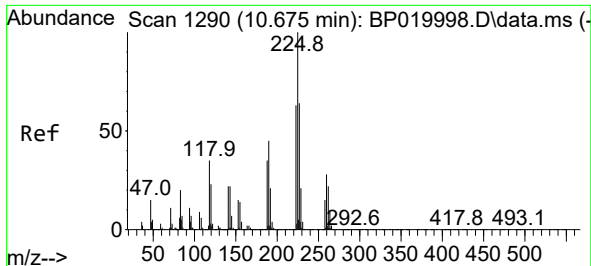
Tgt Ion:128 Resp: 657878
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 13.342 ng/ul
RT: 10.557 min Scan# 1270
Delta R.T. 0.012 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:127 Resp: 89942
Ion Ratio Lower Upper
127 100
129 30.8 26.2 39.2

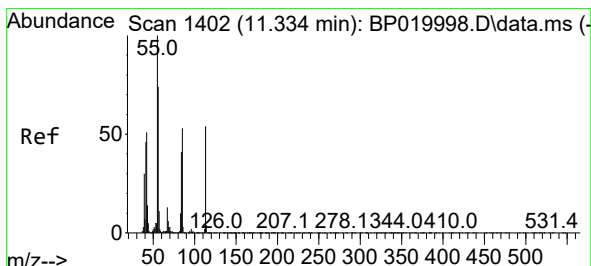
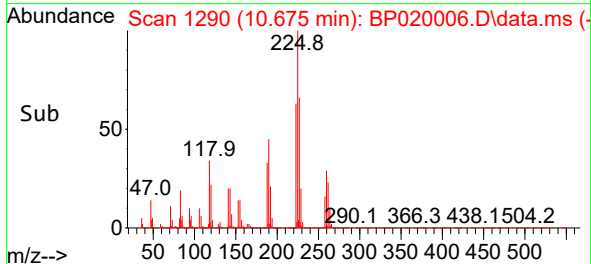
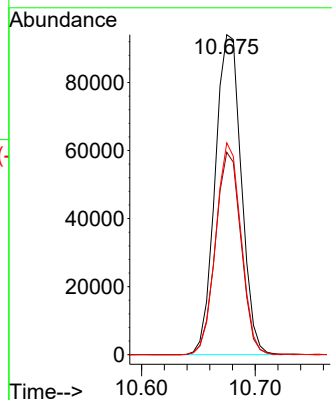
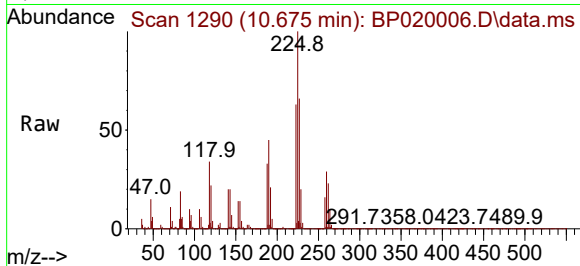




#33
Hexachlorobutadiene
Concen: 37.030 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

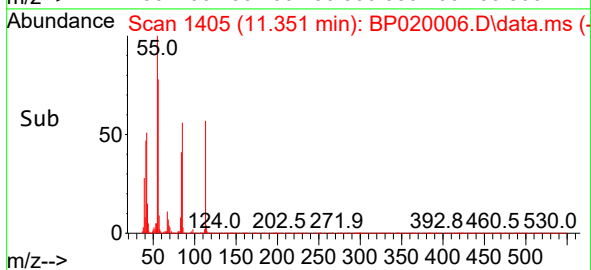
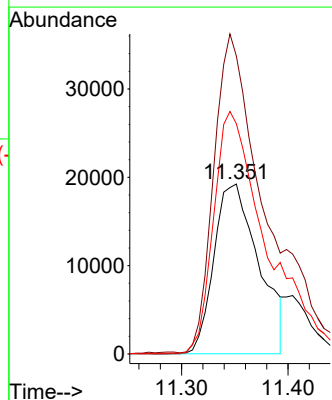
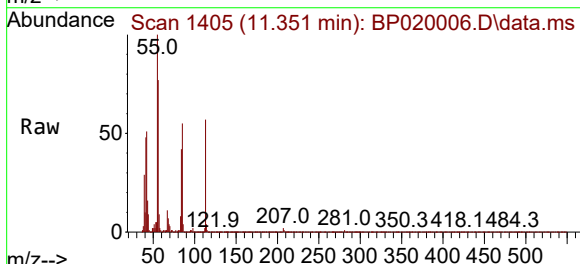
Instrument :
BNA_P
ClientSampleId :
SLCS783

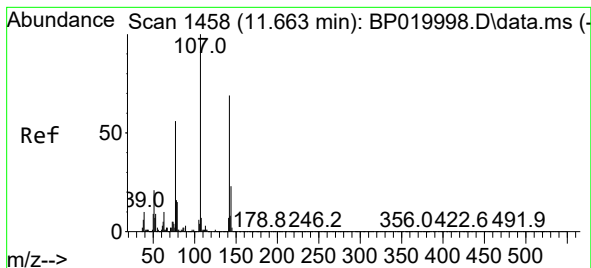
Tgt Ion:225 Resp: 150428
Ion Ratio Lower Upper
225 100
223 63.3 50.5 75.7
227 66.2 50.3 75.5



#34
Caprolactam
Concen: 35.044 ng/ul
RT: 11.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:113 Resp: 56152
Ion Ratio Lower Upper
113 100
55 175.4 149.5 224.3
56 135.6 114.6 172.0

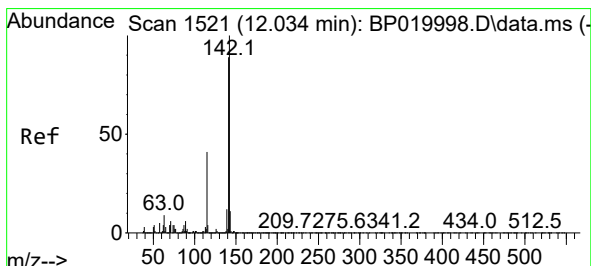
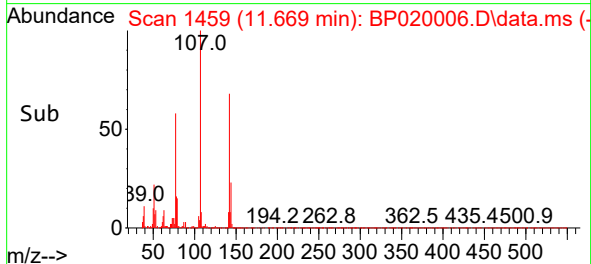
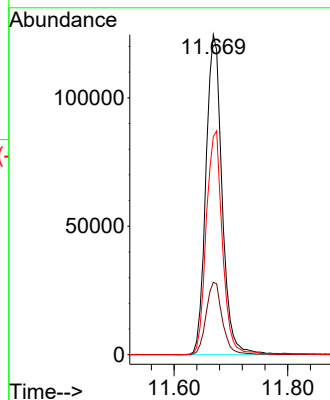
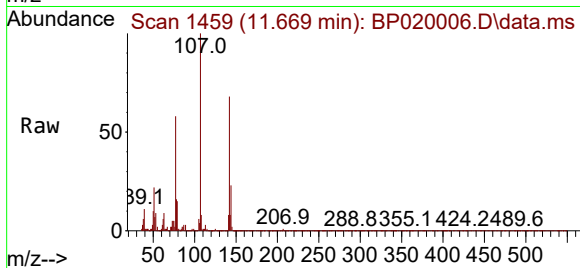




#35
4-Chloro-3-methylphenol
Concen: 42.819 ng/ul
RT: 11.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

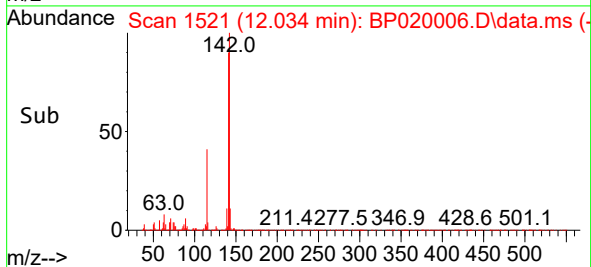
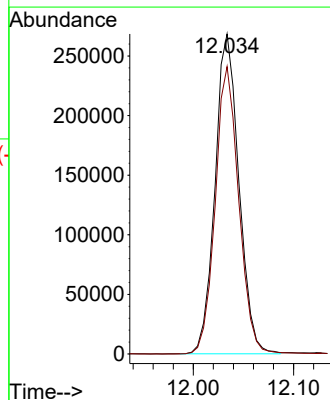
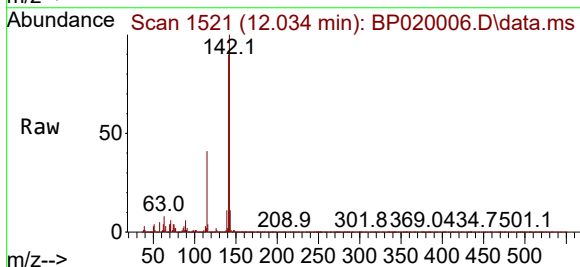
Instrument :
BNA_P
ClientSampleId :
SLCS783

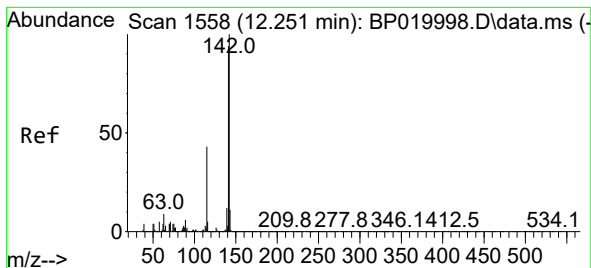
Tgt Ion:107 Resp: 245194
Ion Ratio Lower Upper
107 100
144 22.6 19.0 28.4
142 68.2 57.8 86.6



#36
2-Methylnaphthalene
Concen: 38.559 ng/ul
RT: 12.034 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:142 Resp: 443122
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8





#37

1-Methylnaphthalene

Concen: 38.255 ng/ul

RT: 12.251 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

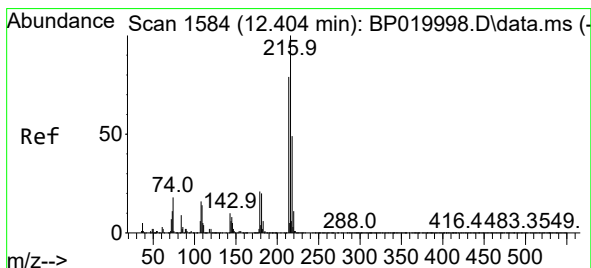
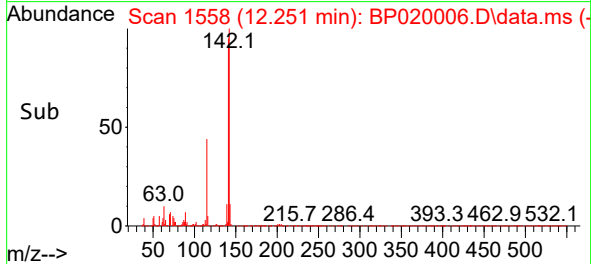
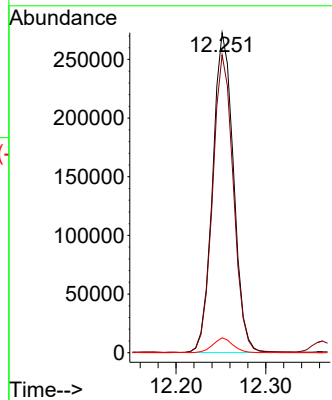
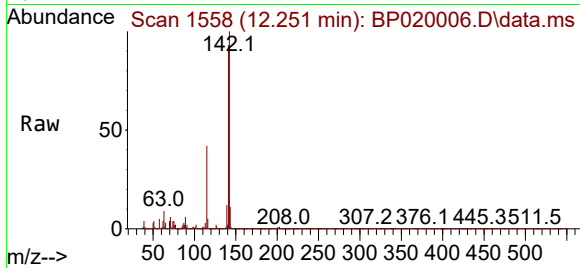
Tgt Ion:142 Resp: 439681

Ion Ratio Lower Upper

142 100

141 93.0 73.2 109.8

116 4.7 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.909 ng/ul

RT: 12.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Tgt Ion:216 Resp: 263621

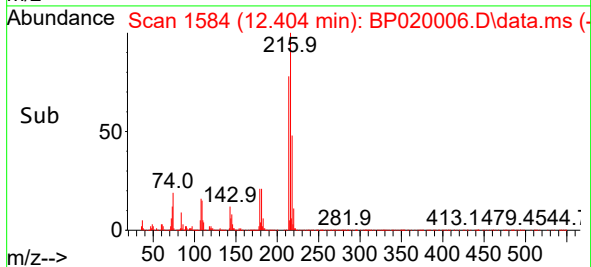
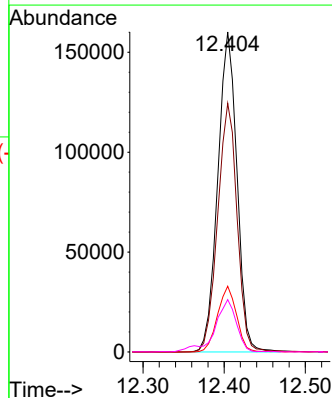
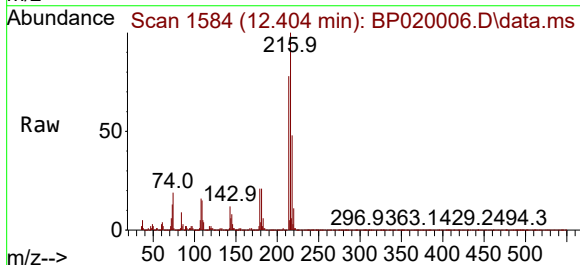
Ion Ratio Lower Upper

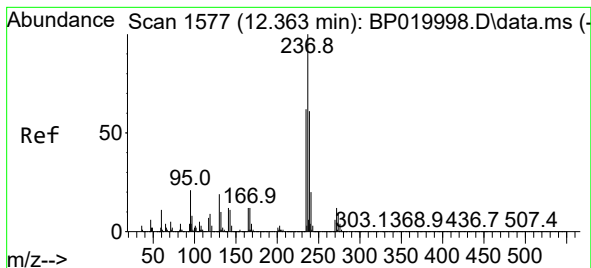
216 100

214 77.7 62.1 93.1

179 20.6 16.6 24.8

108 16.3 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 33.273 ng/ul

RT: 12.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

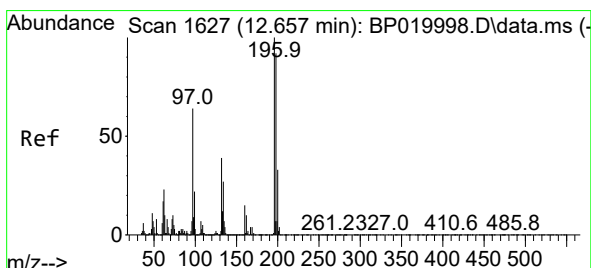
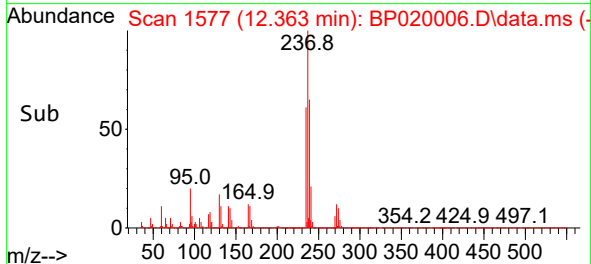
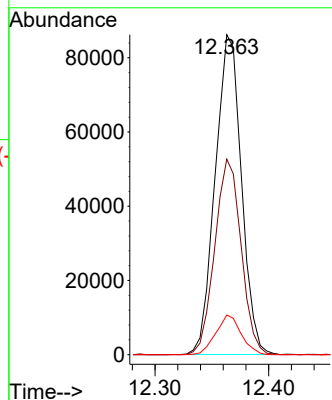
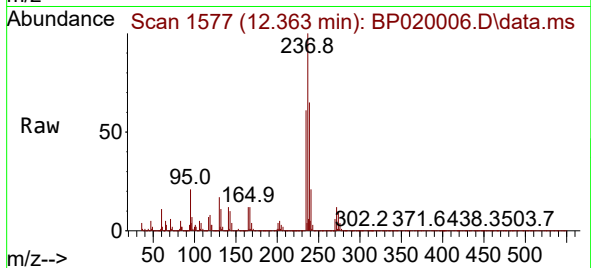
Tgt Ion:237 Resp: 138227

Ion Ratio Lower Upper

237 100

235 61.1 49.7 74.5

272 12.4 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 37.362 ng/ul

RT: 12.651 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

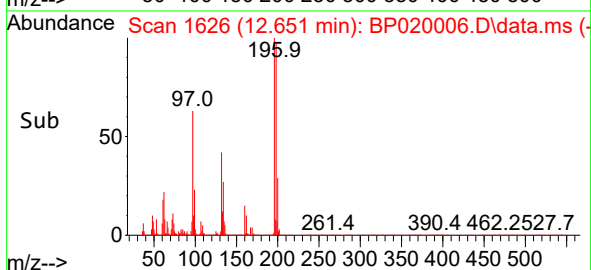
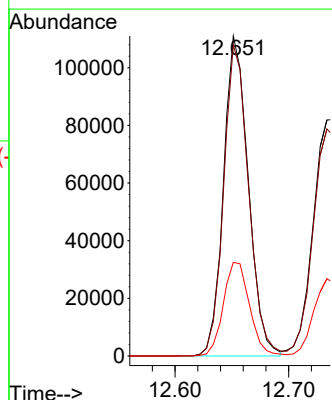
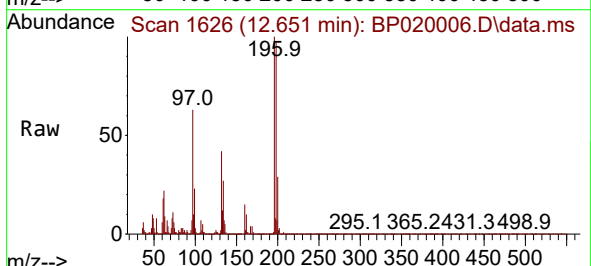
Tgt Ion:196 Resp: 168507

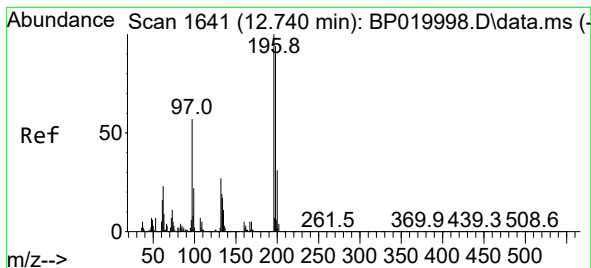
Ion Ratio Lower Upper

196 100

198 97.2 75.8 113.8

200 29.3 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 39.243 ng/ul

RT: 12.740 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

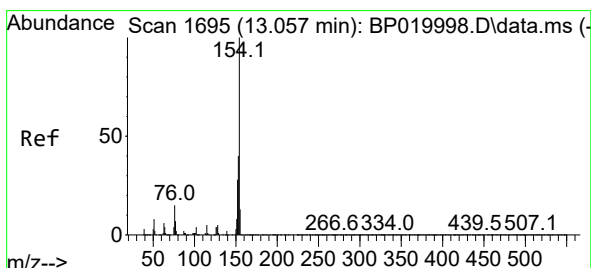
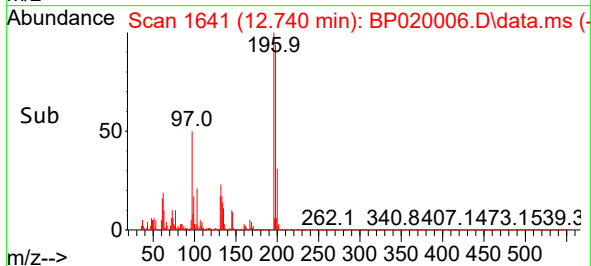
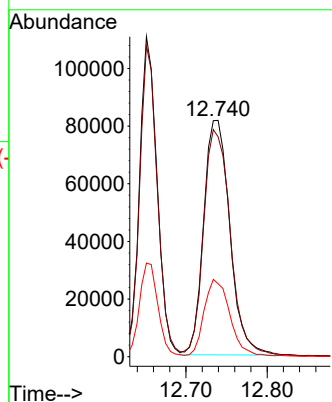
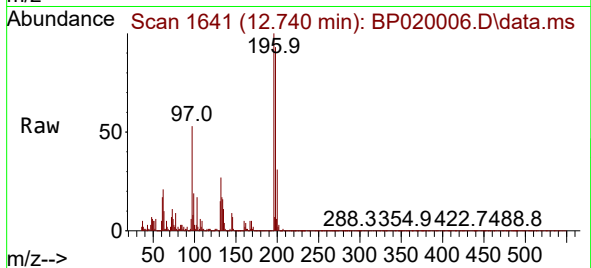
Tgt Ion:196 Resp: 183061

Ion Ratio Lower Upper

196 100

198 93.0 77.3 115.9

200 30.9 25.1 37.7



#43

1,1'-Biphenyl

Concen: 36.365 ng/ul

RT: 13.063 min Scan# 1696

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

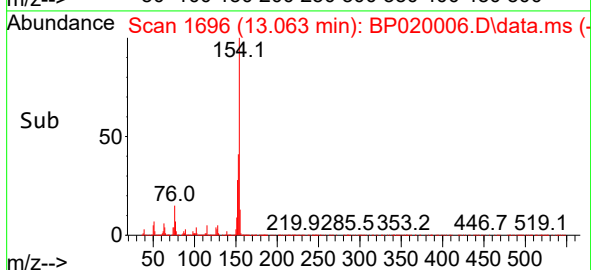
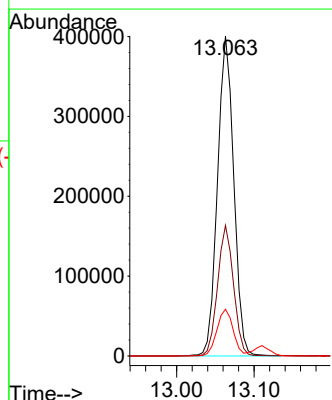
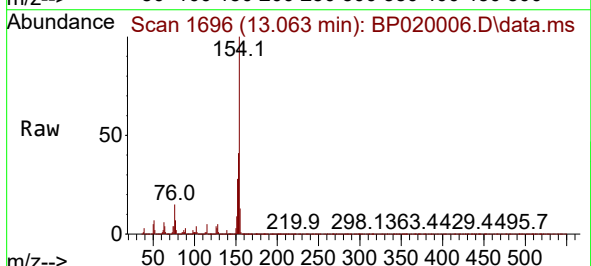
Tgt Ion:154 Resp: 584763

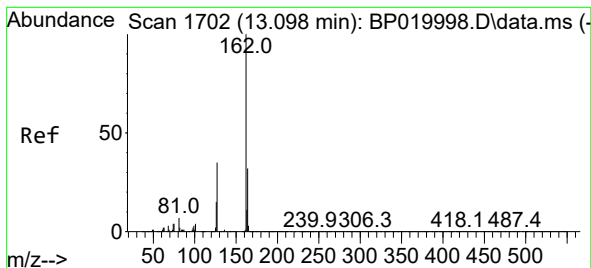
Ion Ratio Lower Upper

154 100

153 40.8 31.6 47.4

76 14.6 11.4 17.0





#44

2-Chloronaphthalene

Concen: 36.012 ng/ul

RT: 13.110 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

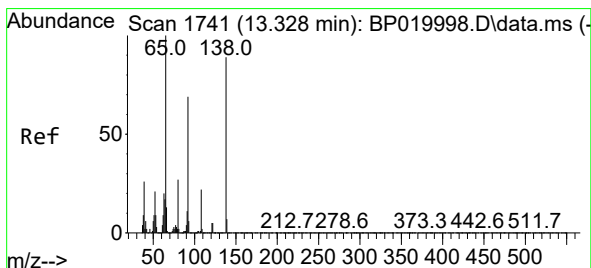
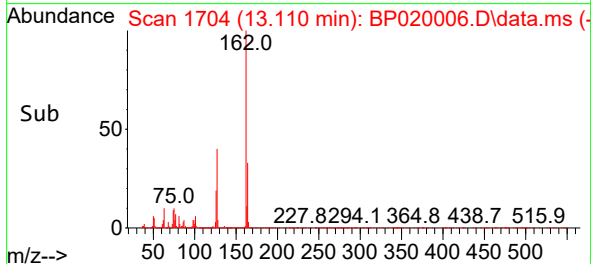
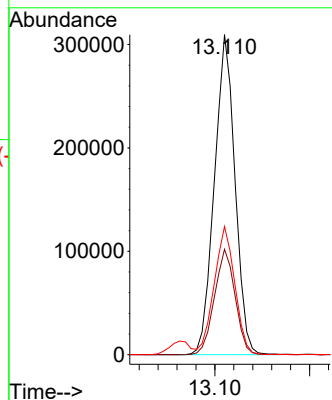
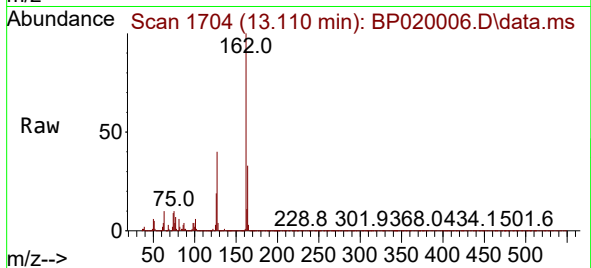
Tgt Ion:162 Resp: 466996

Ion Ratio Lower Upper

162 100

164 32.9 25.8 38.8

127 40.1 31.4 47.0



#45

2-Nitroaniline

Concen: 42.075 ng/ul

RT: 13.334 min Scan# 1742

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

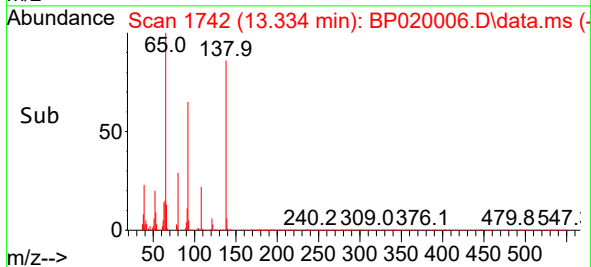
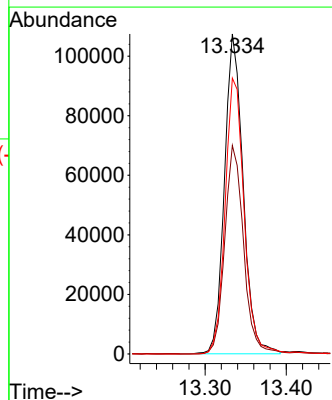
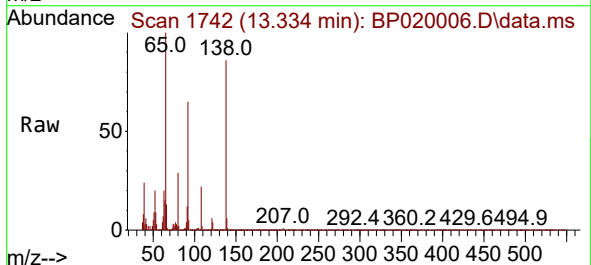
Tgt Ion: 65 Resp: 171866

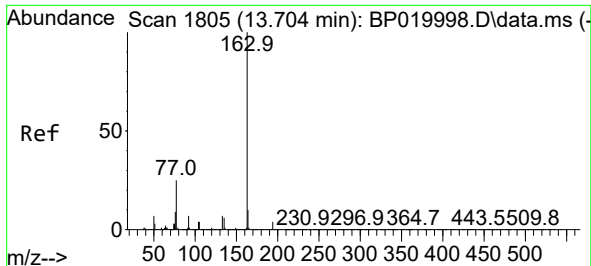
Ion Ratio Lower Upper

65 100

92 65.2 51.8 77.6

138 86.2 70.6 106.0





#47

Dimethylphthalate

Concen: 38.483 ng/ul

RT: 13.716 min Scan# 1807

Delta R.T. 0.023 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

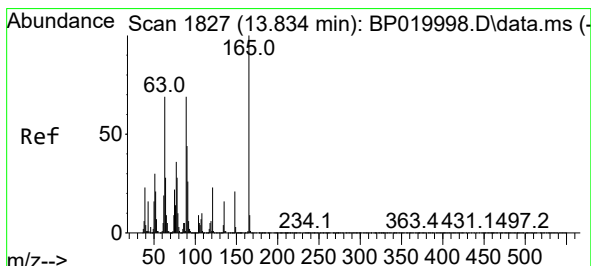
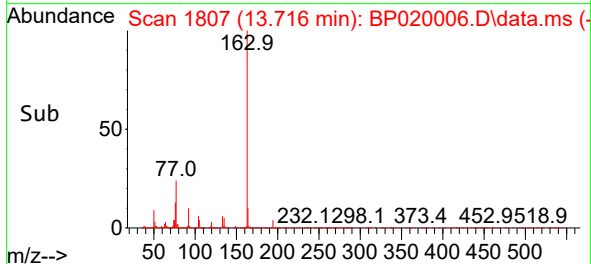
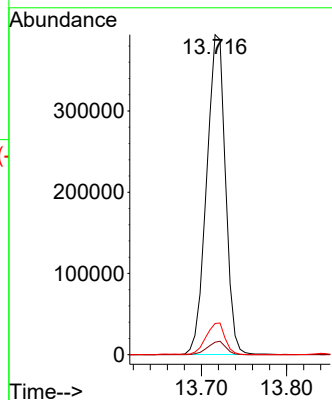
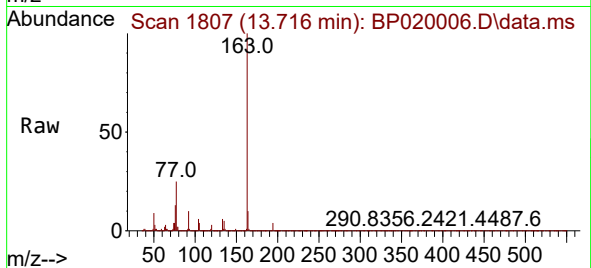
Tgt Ion:163 Resp: 604723

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.8 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 39.215 ng/ul

RT: 13.839 min Scan# 1828

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

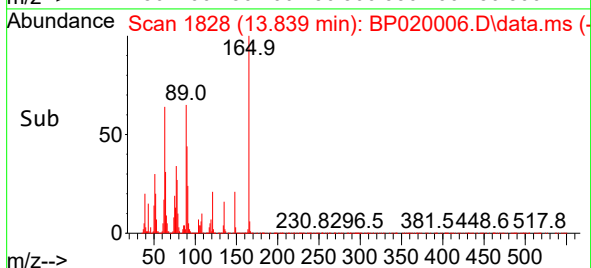
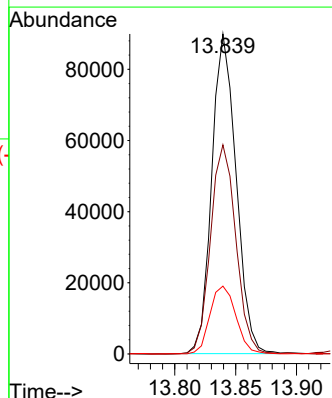
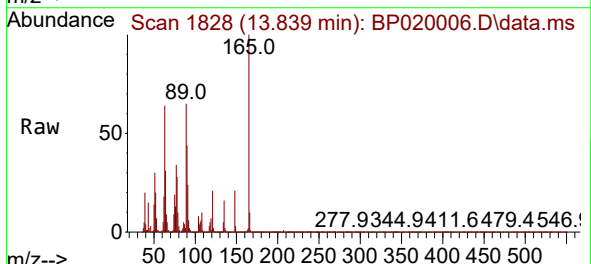
Tgt Ion:165 Resp: 125117

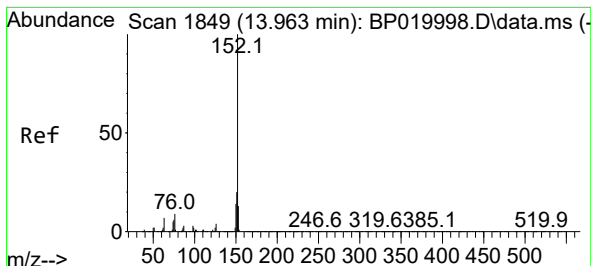
Ion Ratio Lower Upper

165 100

89 65.3 54.3 81.5

121 21.2 19.0 28.4





#50

Acenaphthylene

Concen: 37.579 ng/ul

RT: 13.963 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

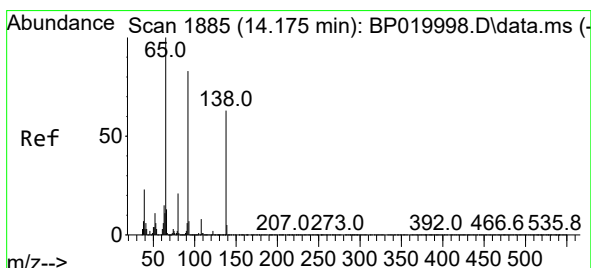
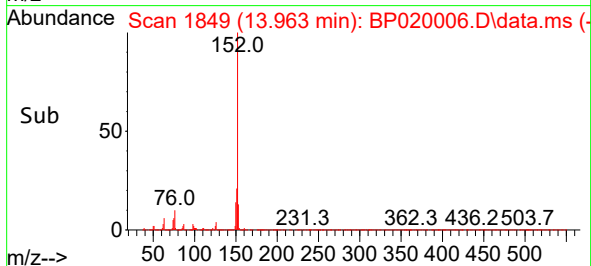
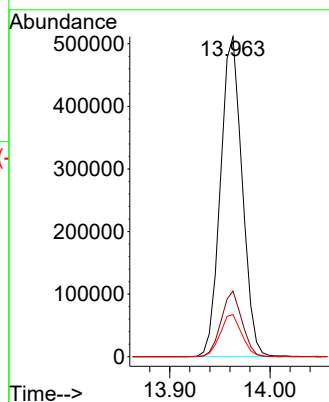
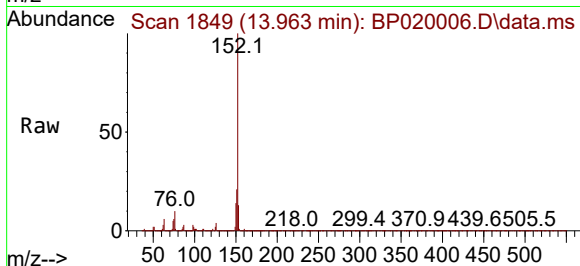
Tgt Ion:152 Resp: 764276

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.6

153 13.2 10.9 16.3



#51

3-Nitroaniline

Concen: 19.631 ng/ul

RT: 14.181 min Scan# 1886

Delta R.T. 0.017 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

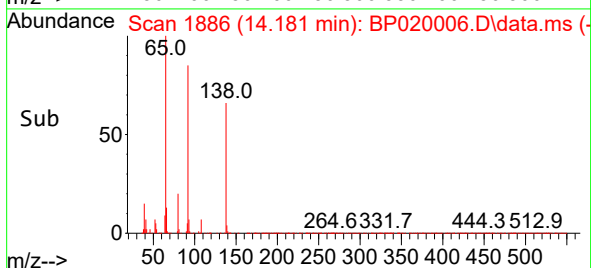
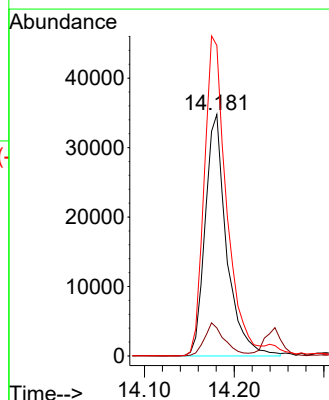
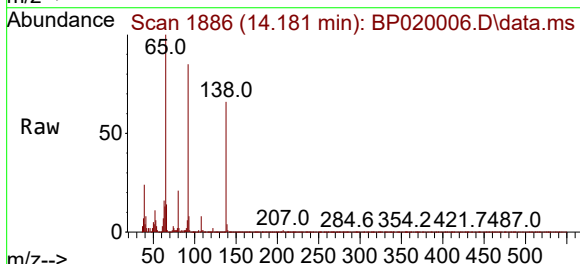
Tgt Ion:138 Resp: 57681

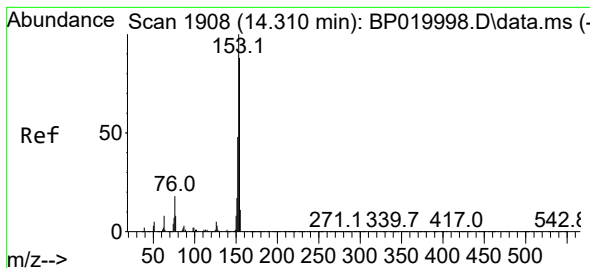
Ion Ratio Lower Upper

138 100

108 11.6 10.5 15.7

92 128.6 103.4 155.0





#52

Acenaphthene

Concen: 37.407 ng/ul

RT: 14.304 min Scan# 1907

Delta R.T. -0.012 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

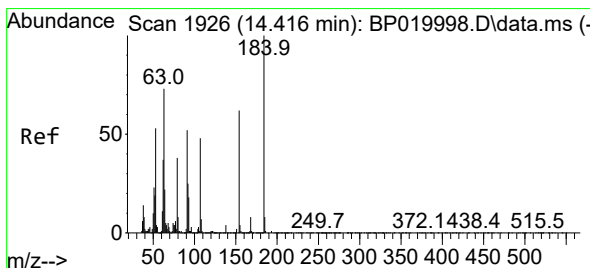
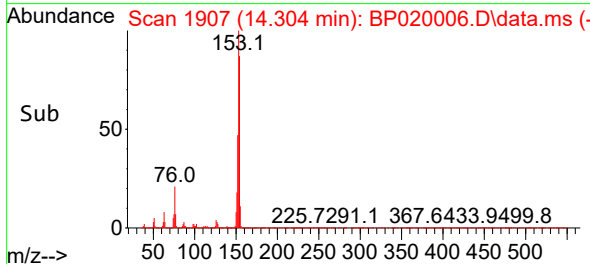
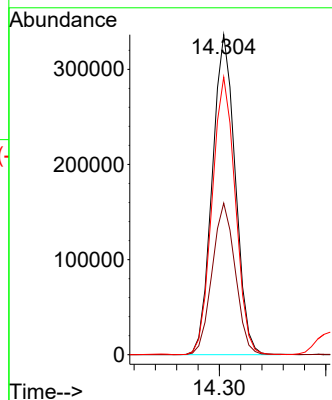
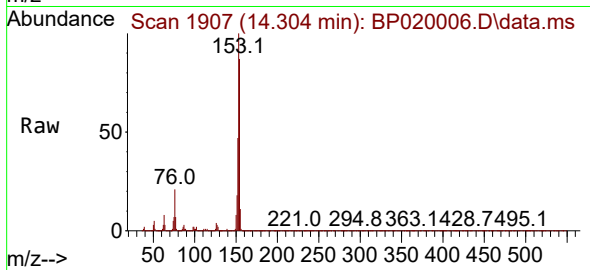
Tgt Ion:153 Resp: 505396

Ion Ratio Lower Upper

153 100

152 47.4 37.9 56.9

154 86.8 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 37.480 ng/ul

RT: 14.404 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

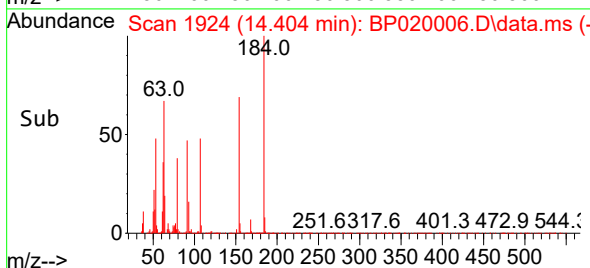
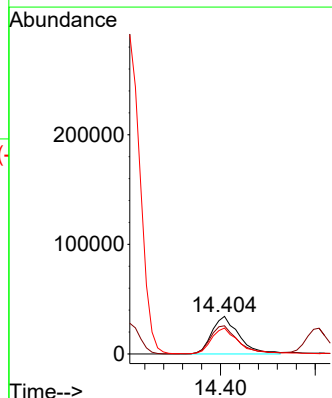
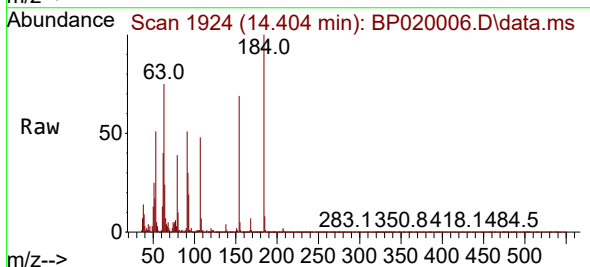
Tgt Ion:184 Resp: 68054

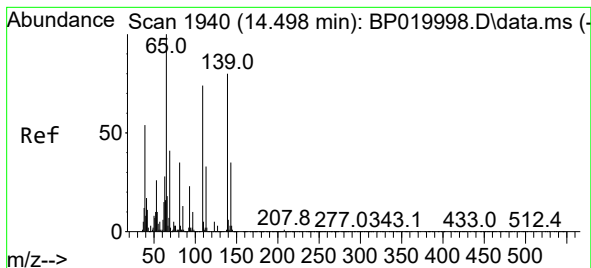
Ion Ratio Lower Upper

184 100

63 74.8 60.8 91.2

154 69.2 55.6 83.4

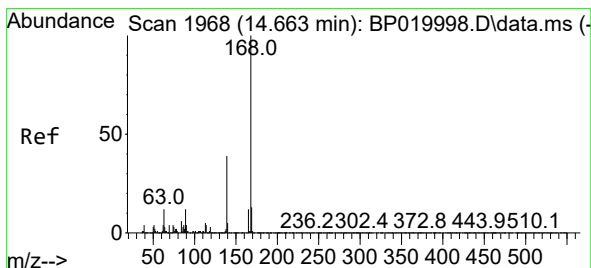
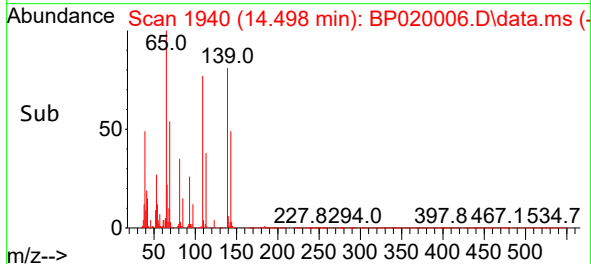
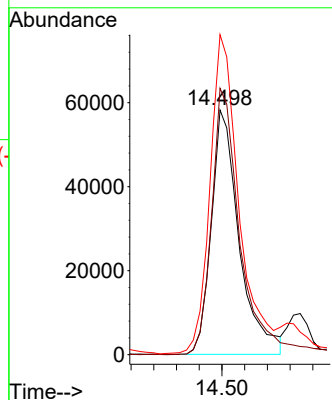
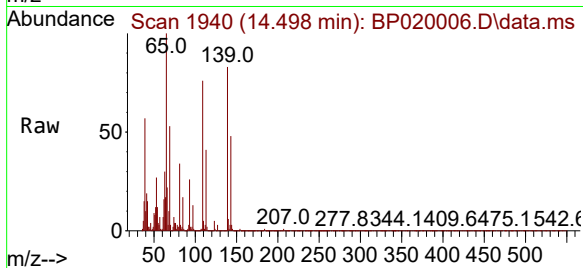




#55
4-Nitrophenol
Concen: 44.171 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

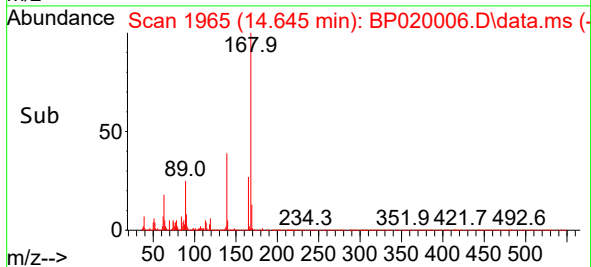
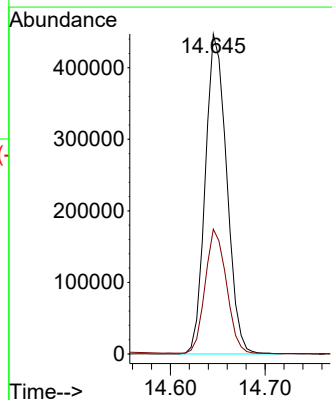
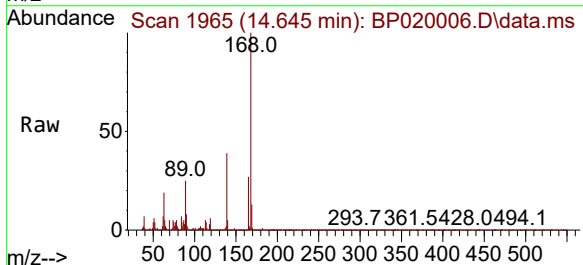
Instrument :
BNA_P
ClientSampleId :
SLCS783

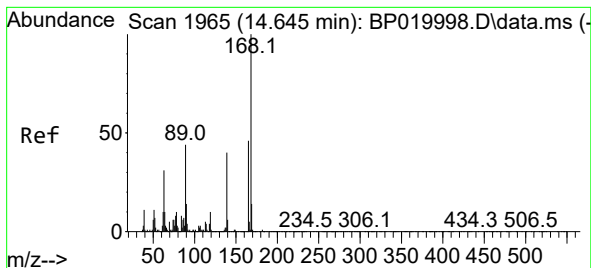
Tgt Ion:	109	Resp:	99209
Ion Ratio	Lower	Upper	
109	100		
139	108.9	93.3	139.9
65	130.8	109.9	164.9



#56
Dibenzofuran
Concen: 38.170 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:	168	Resp:	700380
Ion Ratio	Lower	Upper	
168	100		
139	39.0	29.8	44.8

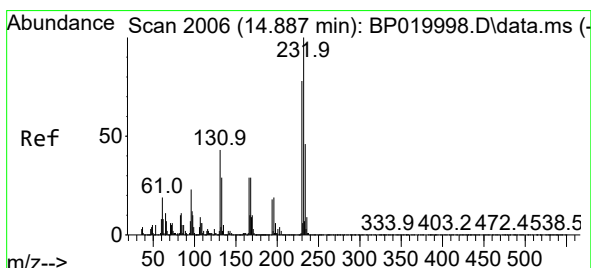
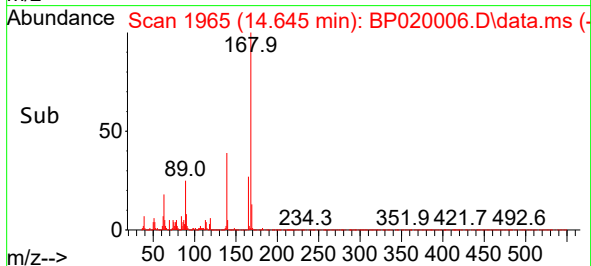
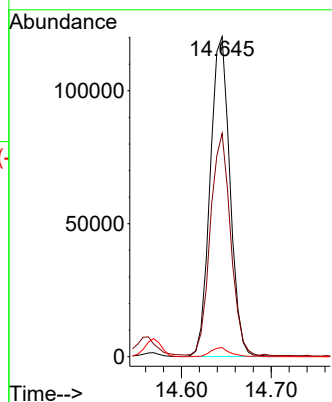
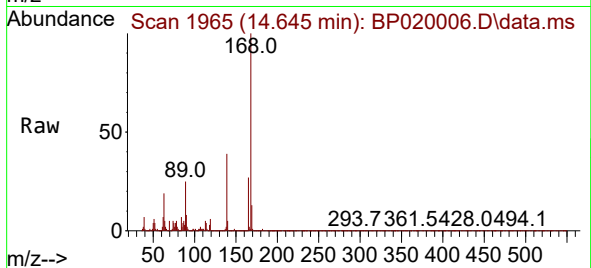




#57
2,4-Dinitrotoluene
Concen: 42.261 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

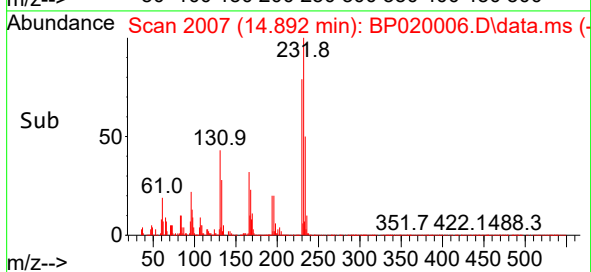
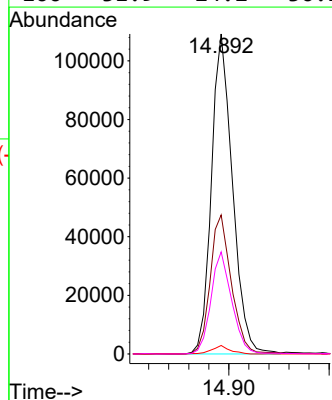
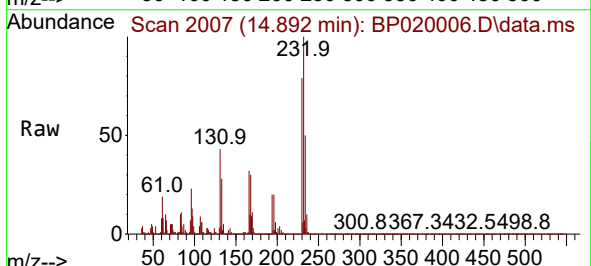
Instrument :
BNA_P
ClientSampleId :
SLCS783

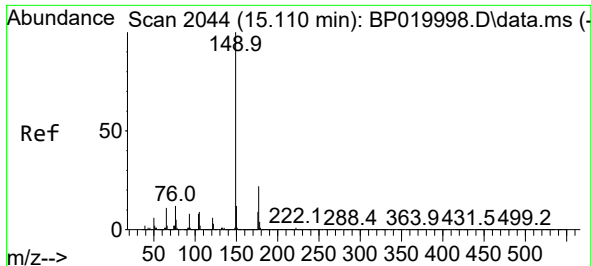
Tgt Ion:165 Resp: 184345
Ion Ratio Lower Upper
165 100
63 69.8 55.9 83.9
182 2.9 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.878 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:232 Resp: 159525
Ion Ratio Lower Upper
232 100
131 43.5 34.2 51.2
130 2.6 1.8 2.6
166 31.9 24.2 36.2

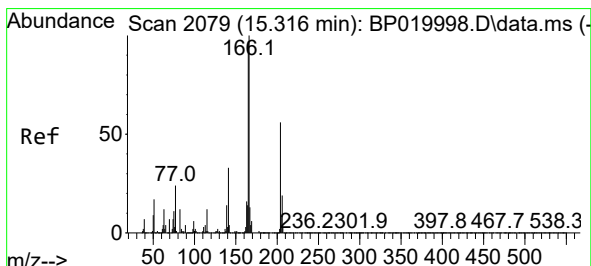
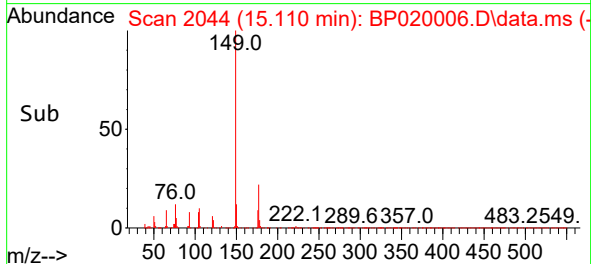
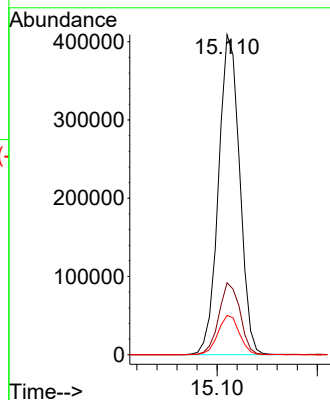
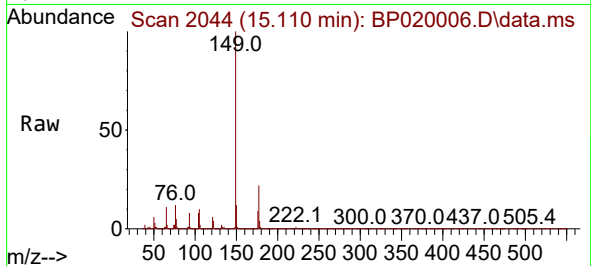




#59
Diethylphthalate
Concen: 38.406 ng/ul
RT: 15.110 min Scan# 2044
Delta R.T. 0.012 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

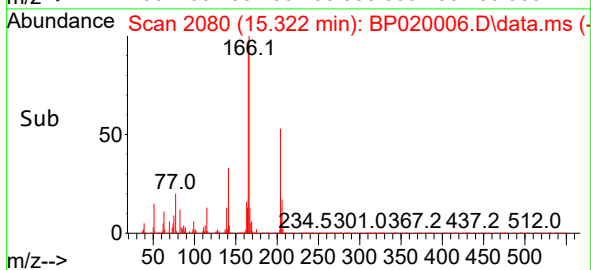
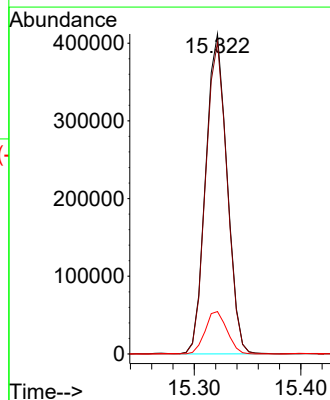
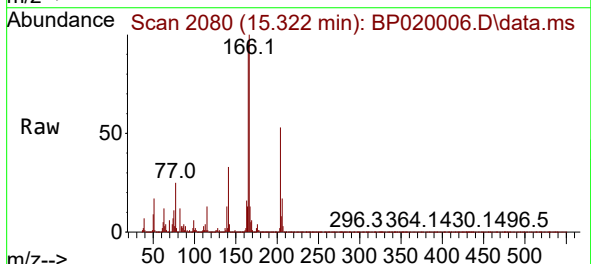
Instrument :
BNA_P
ClientSampleId :
SLCS783

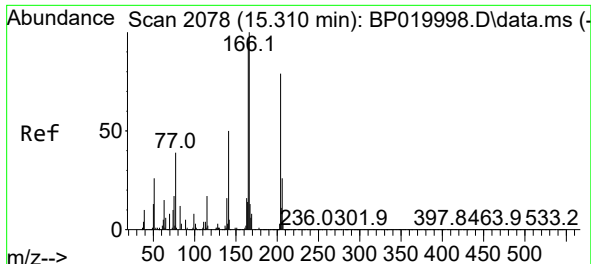
Tgt Ion:149 Resp: 598478
Ion Ratio Lower Upper
149 100
177 22.4 17.0 25.6
150 12.2 9.7 14.5



#61
Fluorene
Concen: 38.375 ng/ul
RT: 15.322 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:166 Resp: 574296
Ion Ratio Lower Upper
166 100
165 97.5 79.2 118.8
167 13.3 11.1 16.7

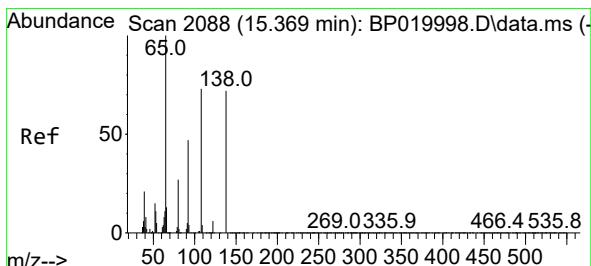
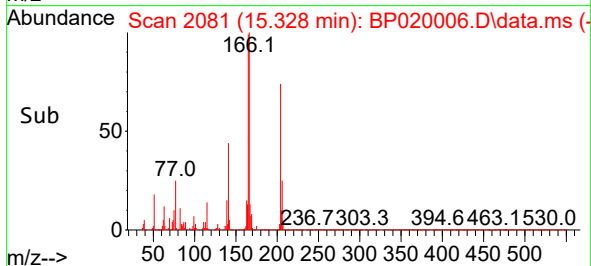
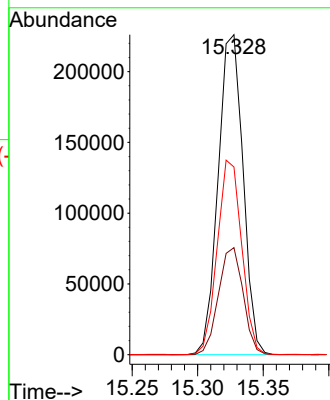
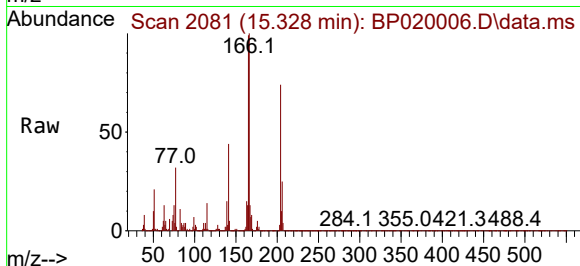




#62
4-Chlorophenyl-phenylether
Concen: 37.225 ng/ul
RT: 15.328 min Scan# 2081
Delta R.T. 0.017 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

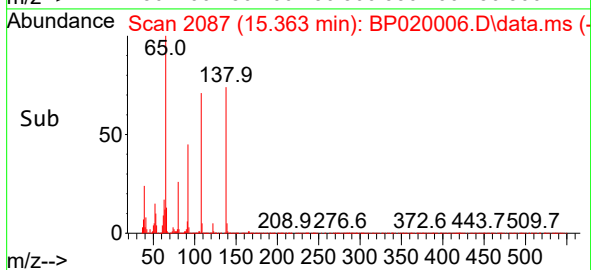
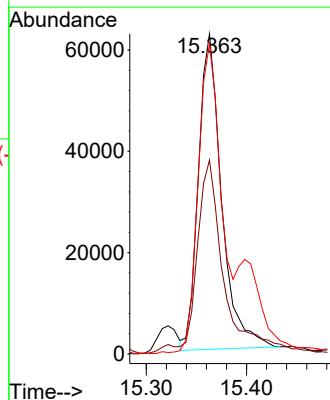
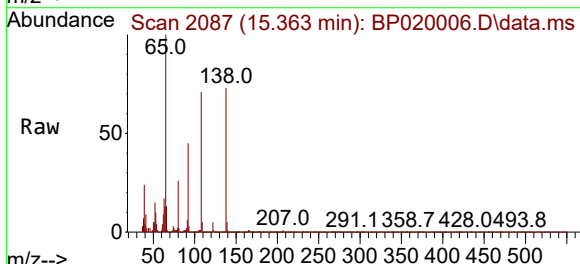
Instrument :
BNA_P
ClientSampleId :
SLCS783

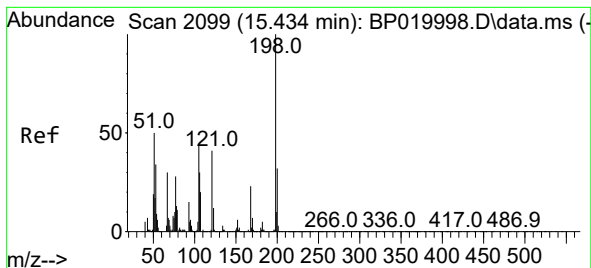
Tgt Ion:204 Resp: 298392
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 58.6 47.8 71.6



#63
4-Nitroaniline
Concen: 39.822 ng/ul
RT: 15.363 min Scan# 2087
Delta R.T. -0.012 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:138 Resp: 99930
Ion Ratio Lower Upper
138 100
92 60.6 51.0 76.6
108 97.0 74.7 112.1

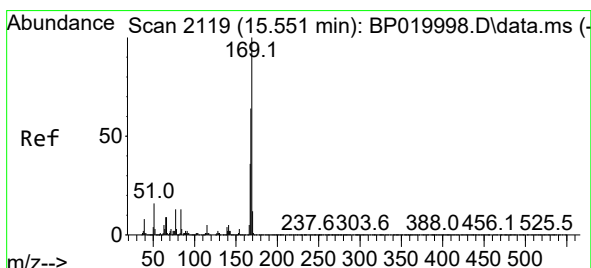
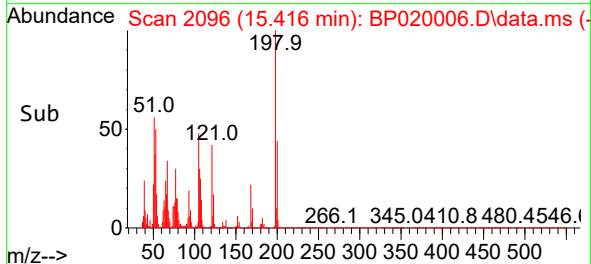
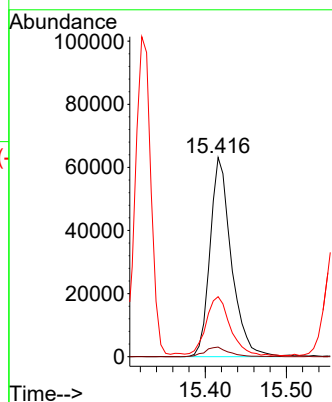
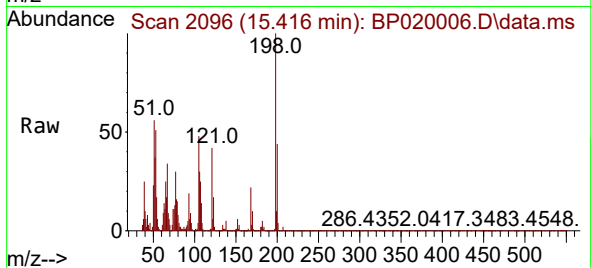




#66
4,6-Dinitro-2-methylphenol
Concen: 38.881 ng/ul
RT: 15.416 min Scan# 2099
Delta R.T. -0.018 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

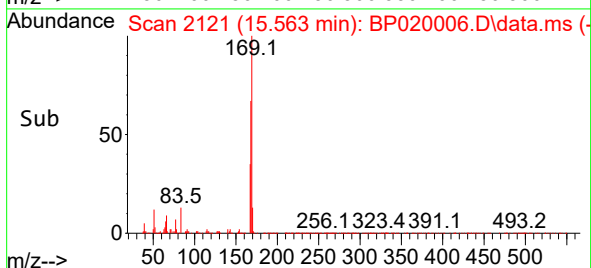
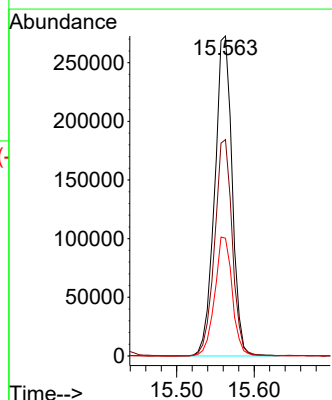
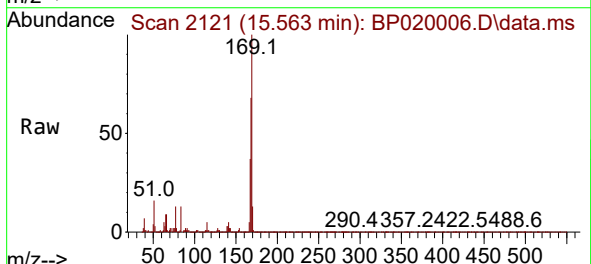
Instrument :
BNA_P
ClientSampleId :
SLCS783

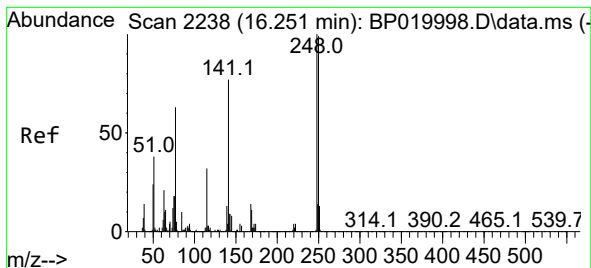
Tgt Ion:198 Resp: 114926
Ion Ratio Lower Upper
198 100
182 4.8 3.6 5.4
77 30.1 22.1 33.1



#67
N-Nitrosodiphenylamine
Concen: 33.228 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.023 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:169 Resp: 427043
Ion Ratio Lower Upper
169 100
168 67.6 52.5 78.7
167 36.8 28.0 42.0

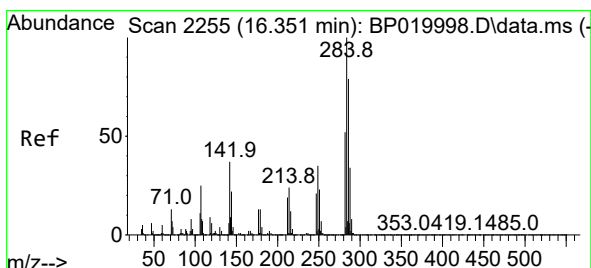
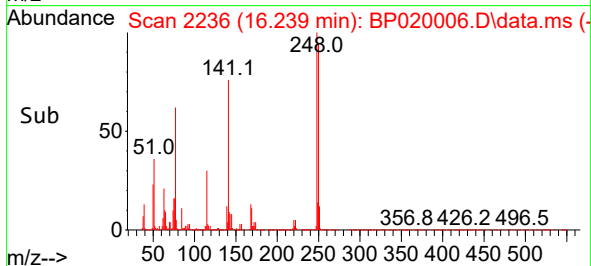
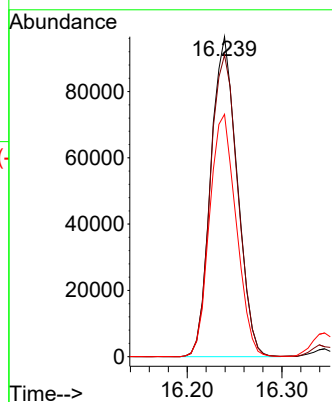
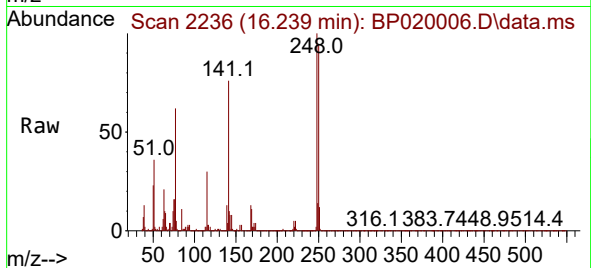




#68
4-Bromophenyl-phenylether
Concen: 36.986 ng/ul
RT: 16.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

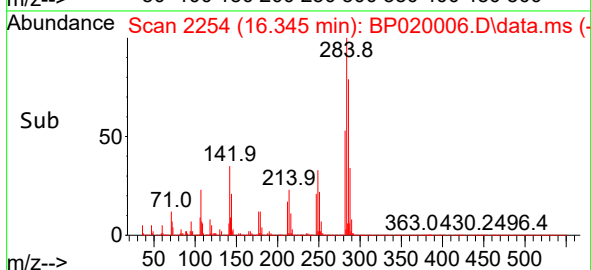
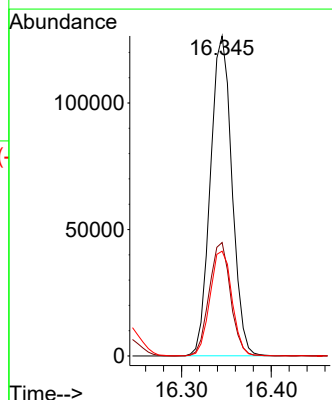
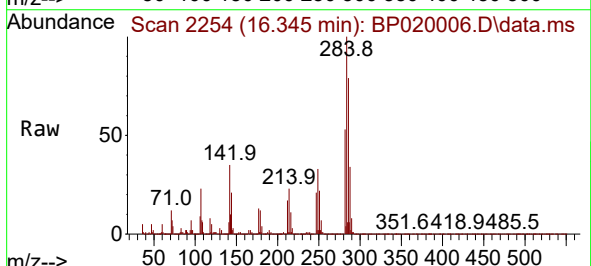
Instrument :
BNA_P
ClientSampleId :
SLCS783

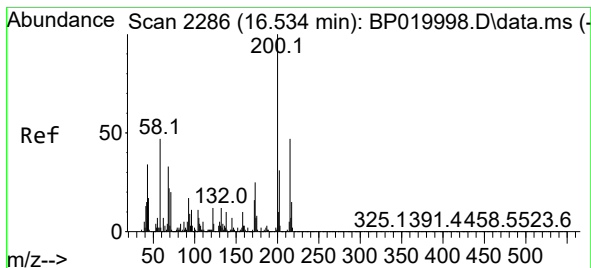
Tgt Ion:248 Resp: 186773
Ion Ratio Lower Upper
248 100
250 94.3 76.3 114.5
141 75.7 56.8 85.2



#69
Hexachlorobenzene
Concen: 37.626 ng/ul
RT: 16.345 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:284 Resp: 210982
Ion Ratio Lower Upper
284 100
142 35.5 28.2 42.2
249 32.7 27.5 41.3





#70

Atrazine

Concen: 20.365 ng/ul

RT: 16.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

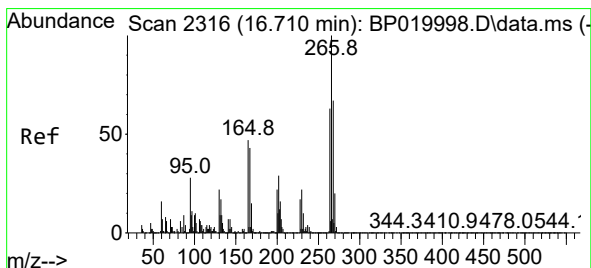
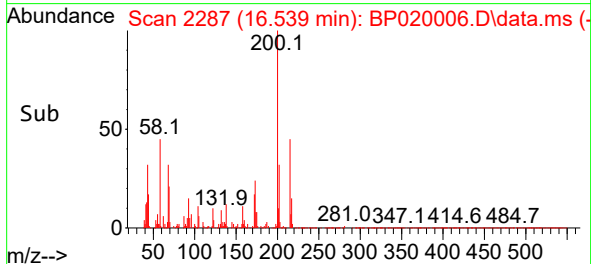
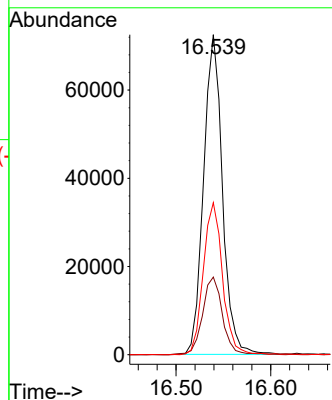
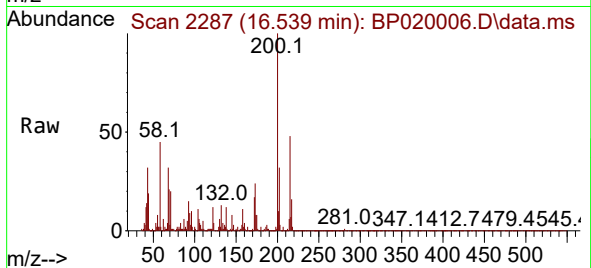
Tgt Ion:200 Resp: 100278

Ion Ratio Lower Upper

200 100

173 24.3 19.0 28.6

215 47.5 37.4 56.0



#71

Pentachlorophenol

Concen: 39.134 ng/ul

RT: 16.722 min Scan# 2318

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

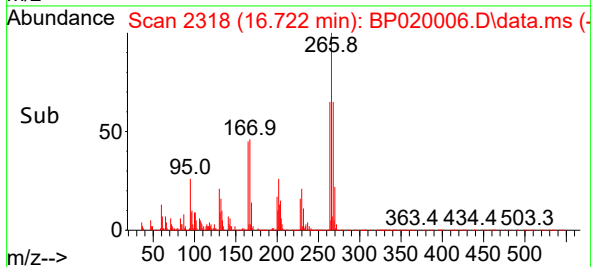
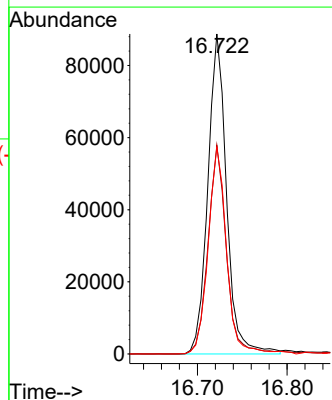
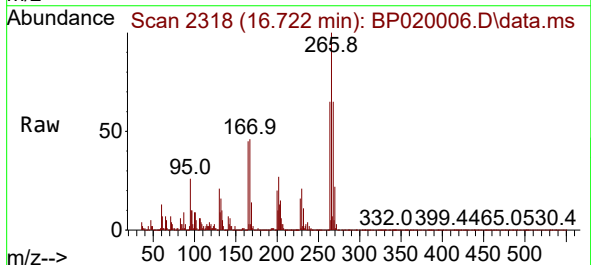
Tgt Ion:266 Resp: 128634

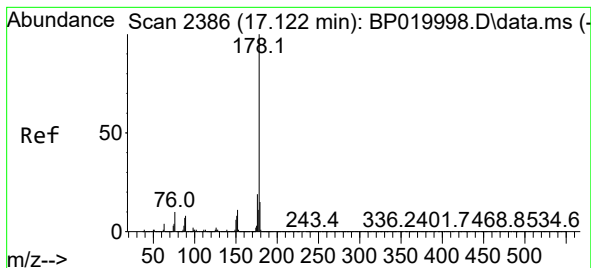
Ion Ratio Lower Upper

266 100

264 65.2 49.9 74.9

268 64.7 52.5 78.7





#72

Phenanthrene

Concen: 38.747 ng/ul

RT: 17.128 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

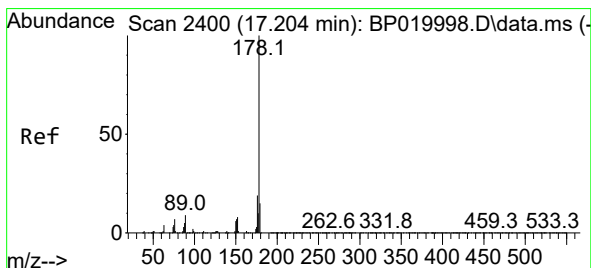
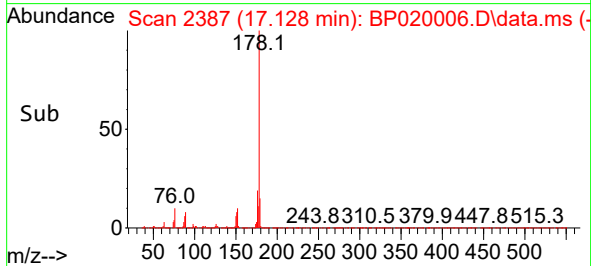
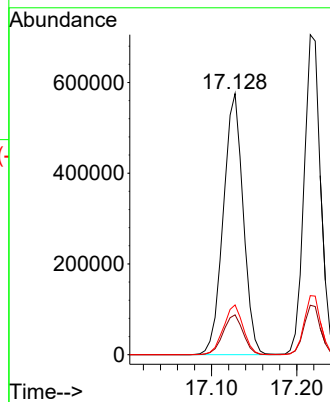
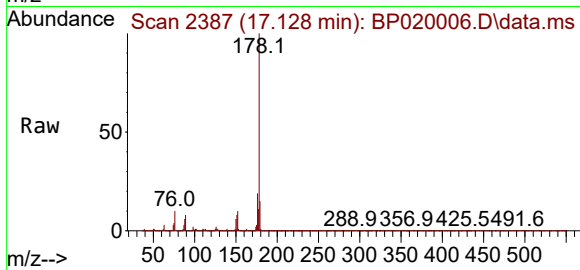
Tgt Ion:178 Resp: 932113

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.1 15.3 22.9



#74

Anthracene

Concen: 38.880 ng/ul

RT: 17.216 min Scan# 2402

Delta R.T. 0.012 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

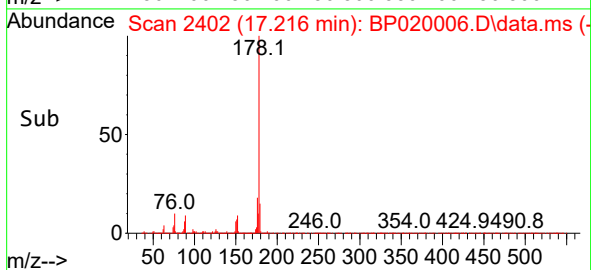
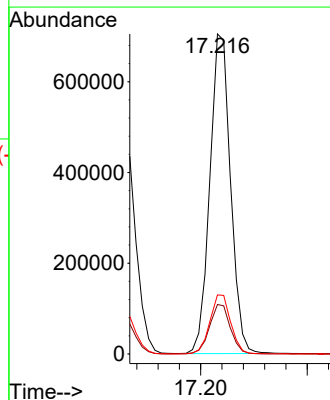
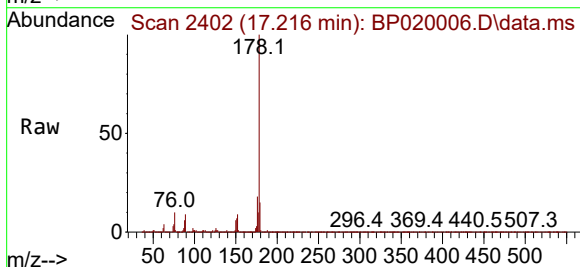
Tgt Ion:178 Resp: 949700

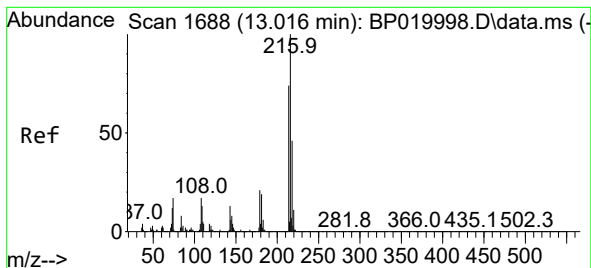
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.5 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.234 ng/uL

RT: 13.028 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

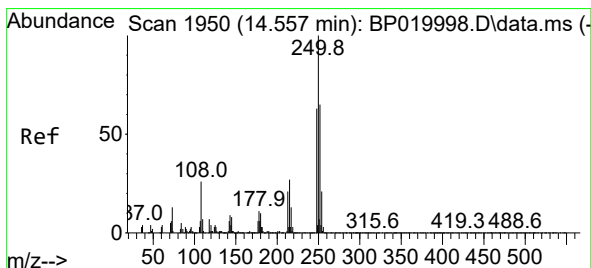
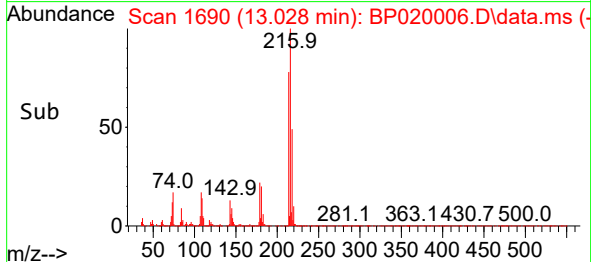
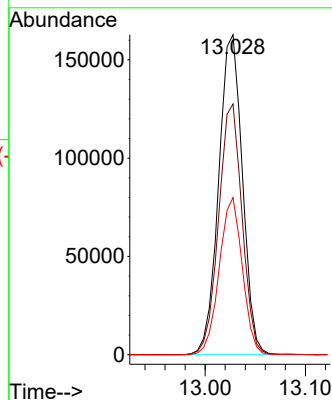
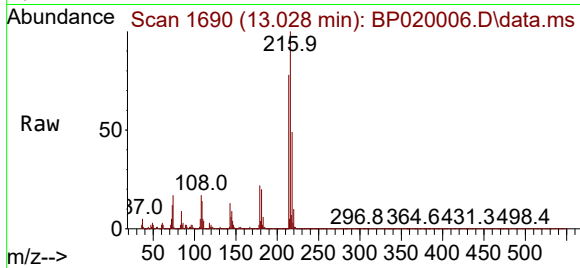
Tgt Ion:216 Resp: 267286

Ion Ratio Lower Upper

216 100

214 78.4 62.2 93.4

218 49.1 39.9 59.9



#76

Pentachlorobenzene

Concen: 35.574 ng/uL

RT: 14.569 min Scan# 1952

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

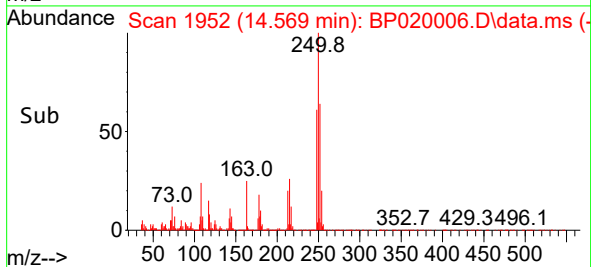
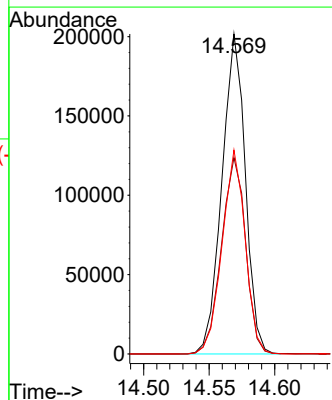
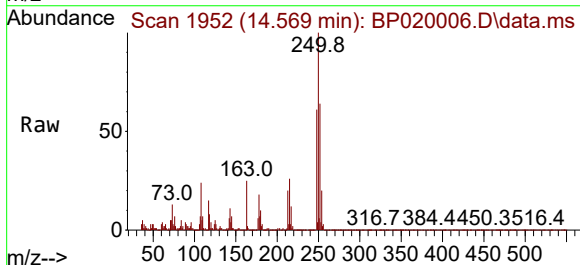
Tgt Ion:250 Resp: 249925

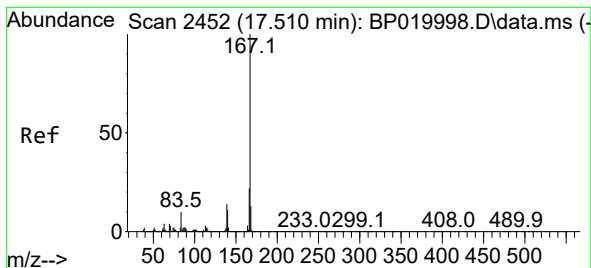
Ion Ratio Lower Upper

250 100

248 61.4 51.3 76.9

252 63.7 51.1 76.7





#77

Carbazole

Concen: 36.384 ng/ul

RT: 17.504 min Scan# 2451

Delta R.T. -0.000 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

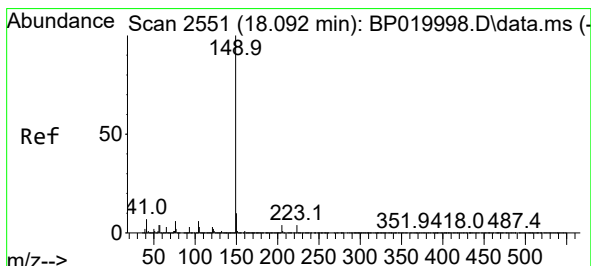
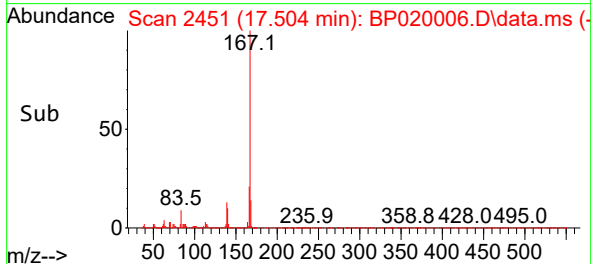
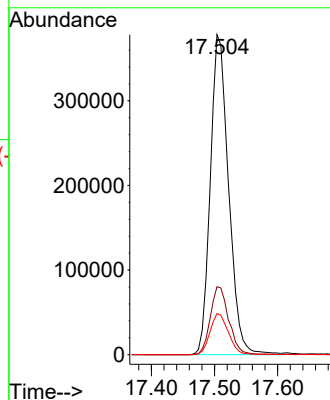
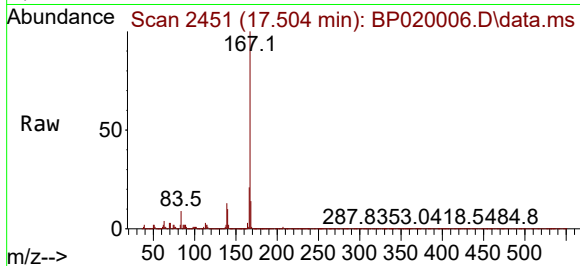
Tgt Ion:167 Resp: 759956

Ion Ratio Lower Upper

167 100

166 21.2 16.8 25.2

139 12.9 10.2 15.4



#78

Di-n-butylphthalate

Concen: 37.413 ng/ul

RT: 18.098 min Scan# 2552

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

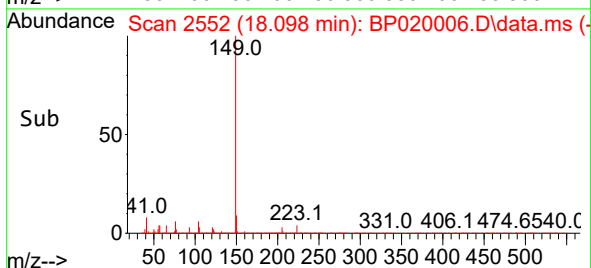
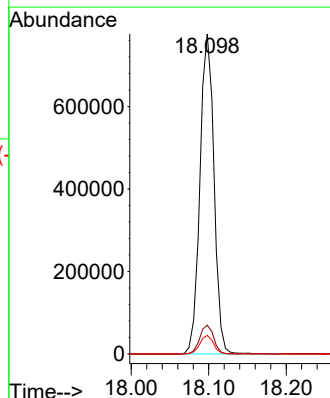
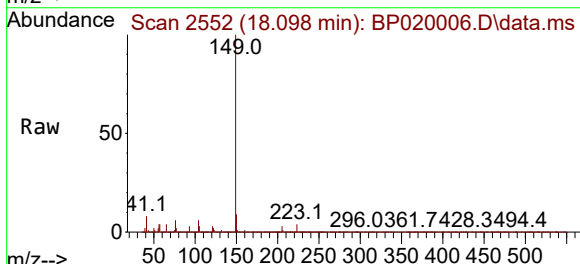
Tgt Ion:149 Resp: 975715

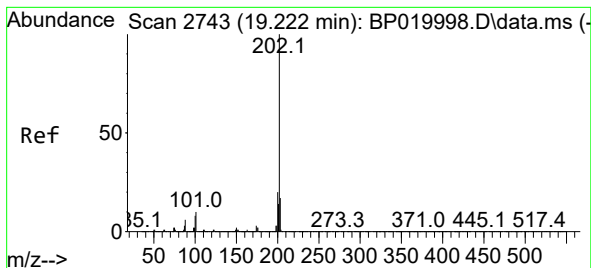
Ion Ratio Lower Upper

149 100

150 9.0 7.0 10.6

104 5.8 4.2 6.4





#80

Fluoranthene

Concen: 34.498 ng/ul

RT: 19.222 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

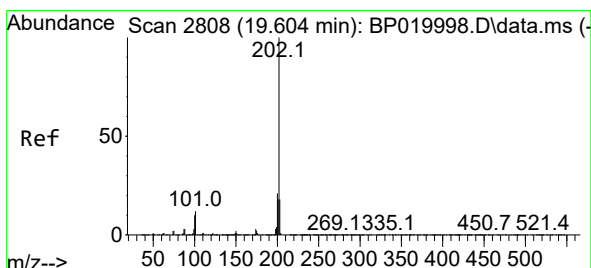
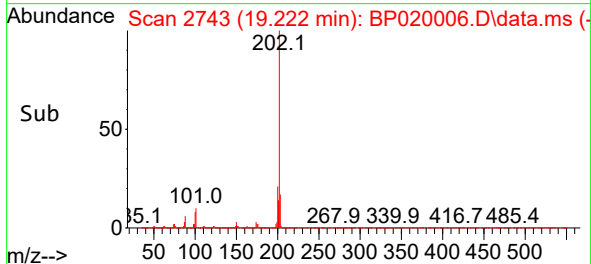
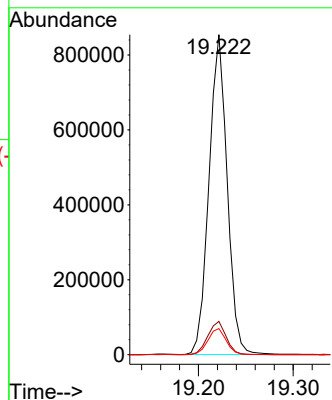
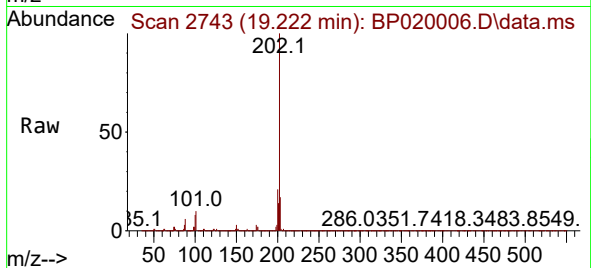
Tgt Ion:202 Resp: 1141523

Ion Ratio Lower Upper

202 100

101 10.4 8.8 13.2

100 8.1 6.6 9.8



#82

Pyrene

Concen: 34.759 ng/ul

RT: 19.604 min Scan# 2808

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

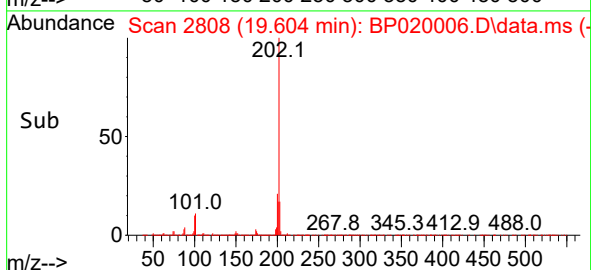
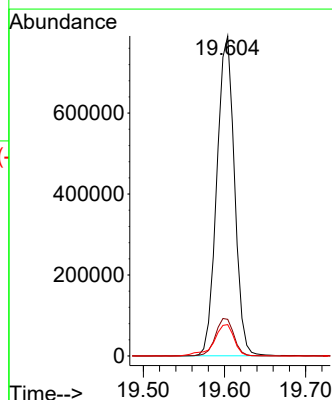
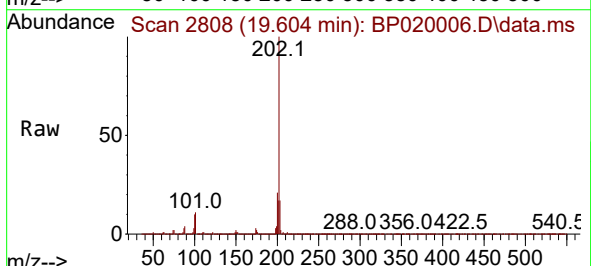
Tgt Ion:202 Resp: 1195360

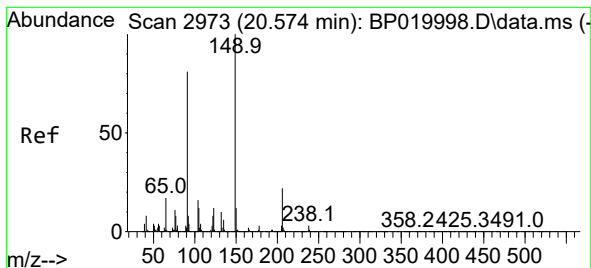
Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

100 9.8 7.7 11.5





#83

Butylbenzylphthalate

Concen: 34.447 ng/ul

RT: 20.580 min Scan# 2974

Delta R.T. 0.006 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

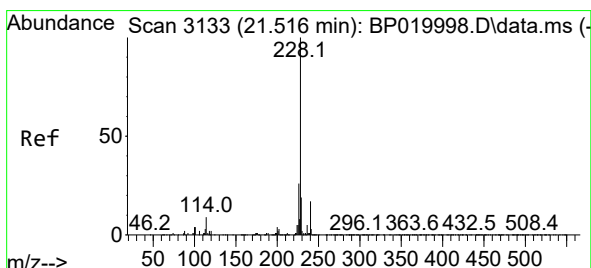
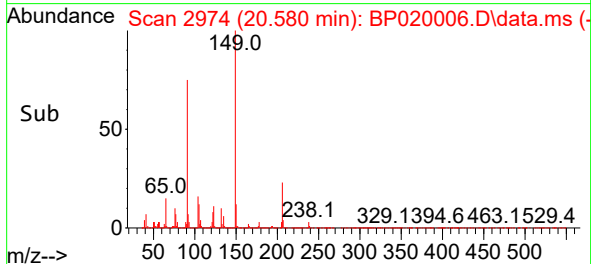
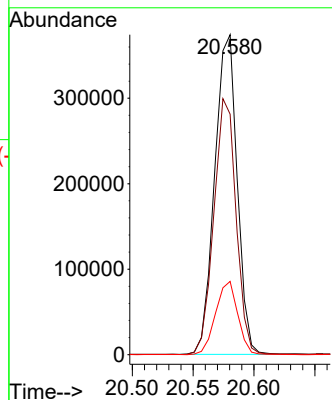
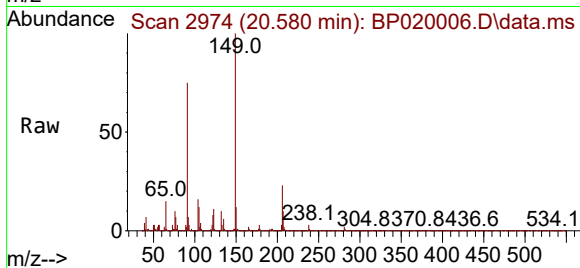
Tgt Ion:149 Resp: 481031

Ion Ratio Lower Upper

149 100

91 75.1 63.4 95.2

206 22.9 17.8 26.6



#85

Benzo(a)anthracene

Concen: 39.366 ng/ul

RT: 21.510 min Scan# 3132

Delta R.T. -0.018 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

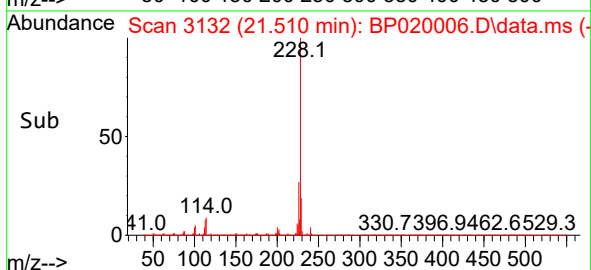
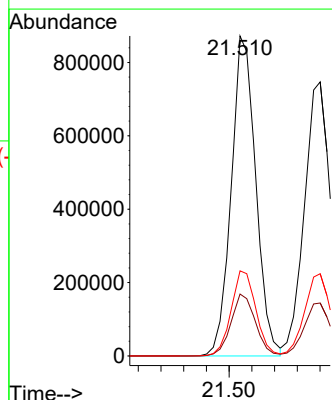
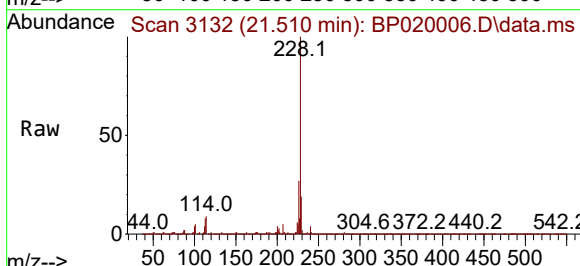
Tgt Ion:228 Resp: 1308011

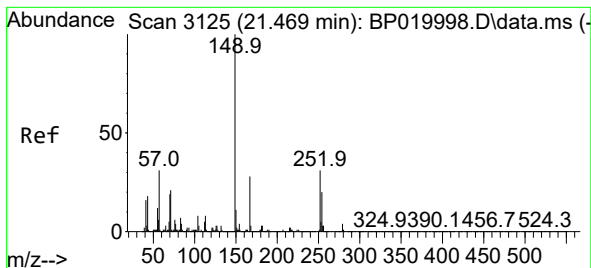
Ion Ratio Lower Upper

228 100

229 19.4 15.6 23.4

226 26.6 22.1 33.1

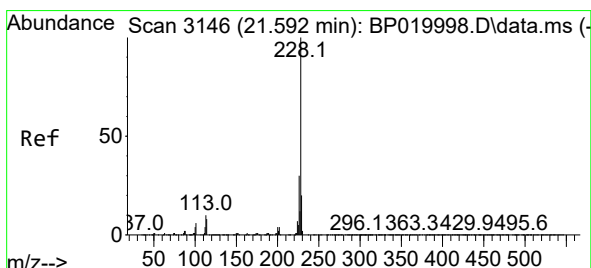
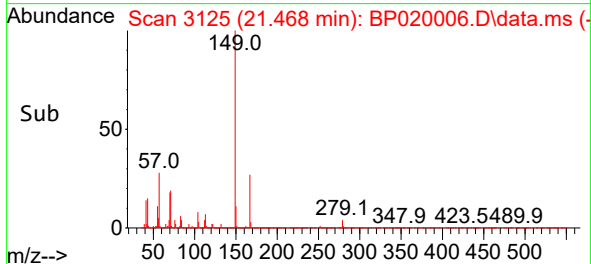
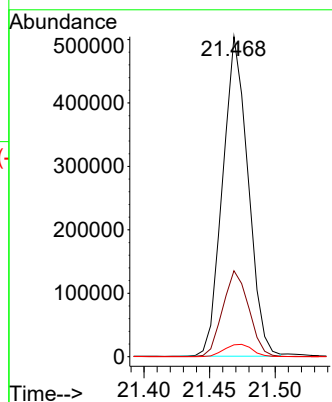
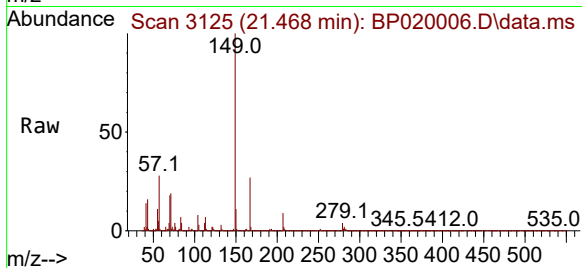




#86
Bis(2-ethylhexyl)phthalate
Concen: 33.269 ng/ul
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

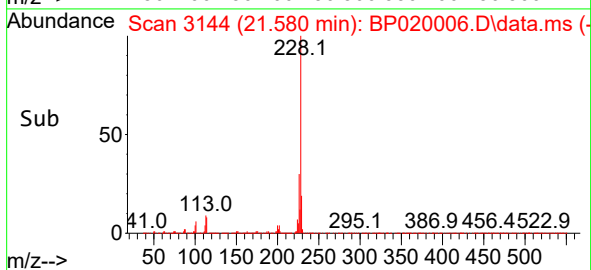
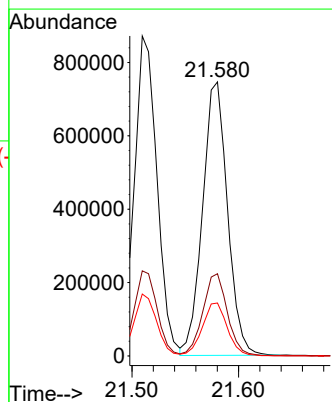
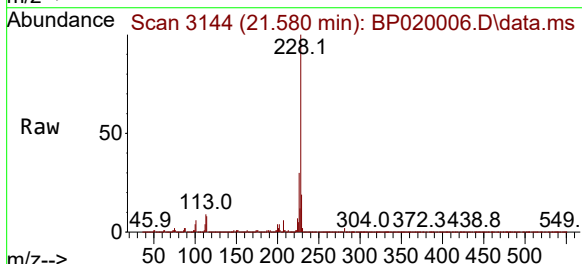
Instrument :
BNA_P
ClientSampleId :
SLCS783

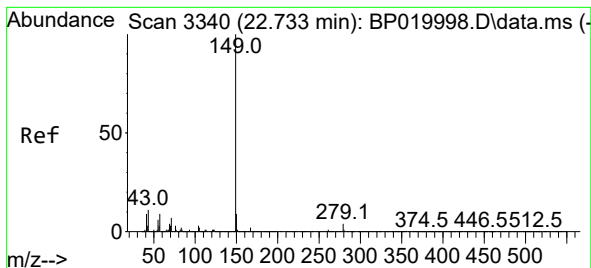
Tgt Ion:149 Resp: 678846
Ion Ratio Lower Upper
149 100
167 26.8 23.0 34.6
279 3.7 3.6 5.4



#87
Chrysene
Concen: 39.342 ng/ul
RT: 21.580 min Scan# 3144
Delta R.T. -0.018 min
Lab File: BP020006.D
Acq: 26 Mar 2024 21:18

Tgt Ion:228 Resp: 1215347
Ion Ratio Lower Upper
228 100
226 30.0 23.2 34.8
229 19.4 15.3 22.9





#89

Di-n-octyl phthalate

Concen: 37.249 ng/ul

RT: 22.727 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

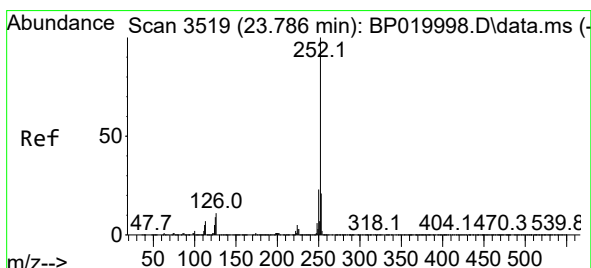
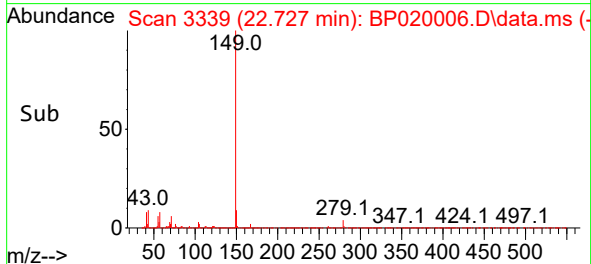
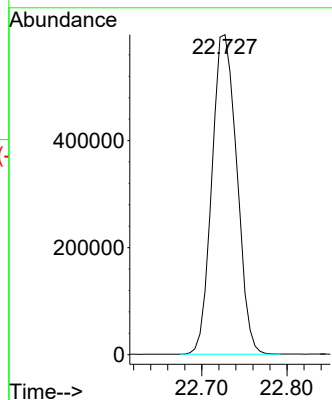
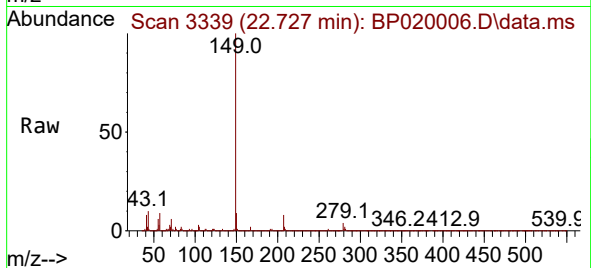
Instrument :

BNA_P

ClientSampleId :

SLCS783

Tgt Ion:149 Resp: 1214819



#90

Benzo(b)fluoranthene

Concen: 44.487 ng/ul

RT: 23.780 min Scan# 3518

Delta R.T. -0.012 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

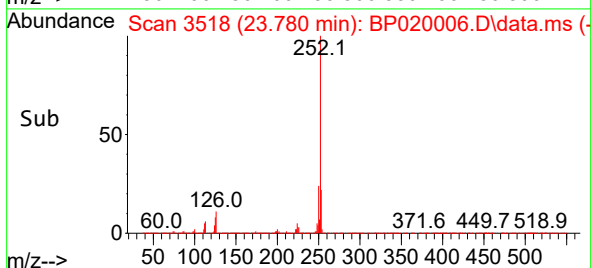
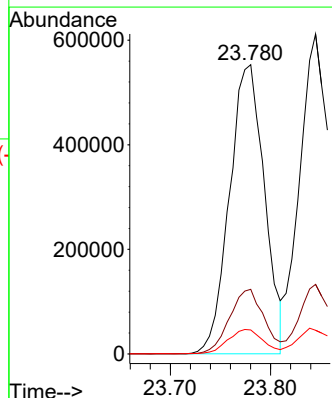
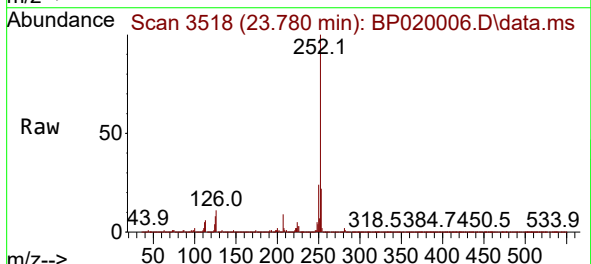
Tgt Ion:252 Resp: 1341193

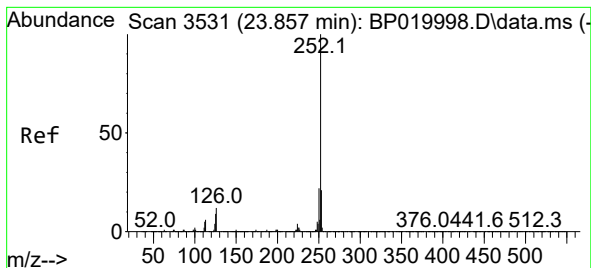
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 8.3 6.5 9.7





#91

Benzo(k)fluoranthene

Concen: 44.039 ng/ul

RT: 23.845 min Scan# 3529

Delta R.T. -0.030 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

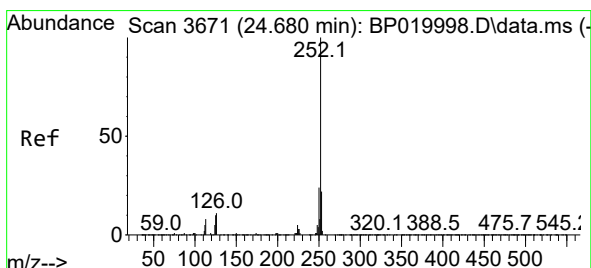
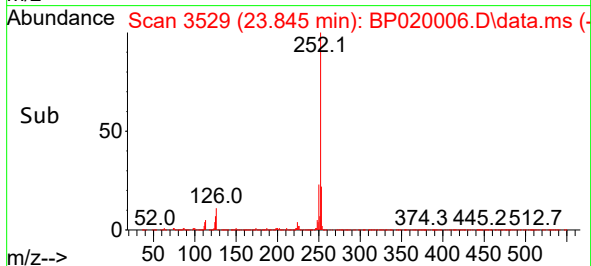
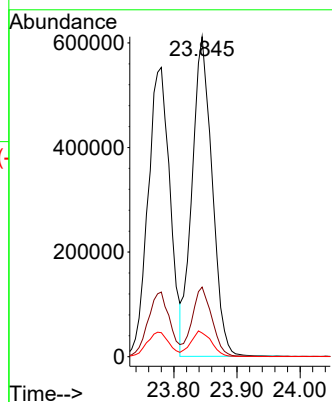
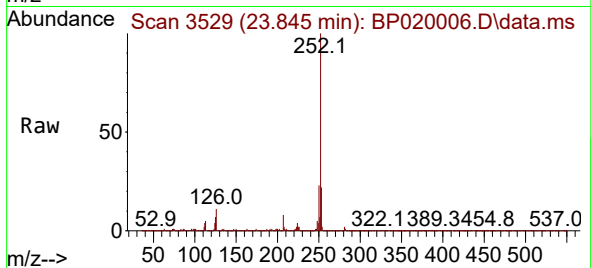
Tgt Ion:252 Resp: 1349217

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 7.4 7.1 10.7



#93

Benzo(a)pyrene

Concen: 26.050 ng/ul

RT: 24.657 min Scan# 3667

Delta R.T. -0.024 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

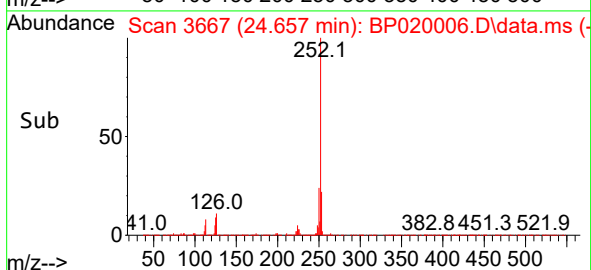
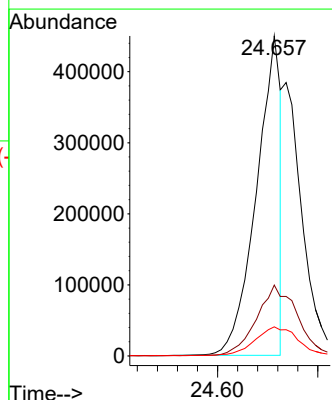
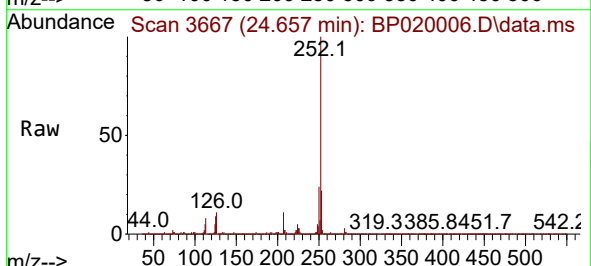
Tgt Ion:252 Resp: 759678

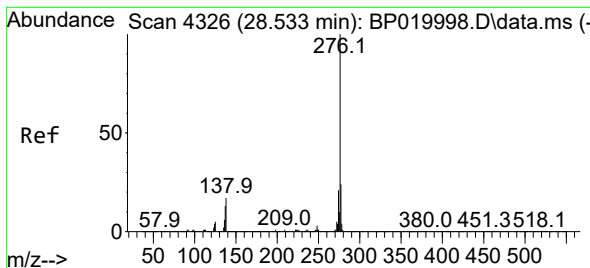
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.1 7.4 11.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 17.416 ng/ul

RT: 28.521 min Scan# 41

Delta R.T. -0.030 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

Instrument :

BNA_P

ClientSampleId :

SLCS783

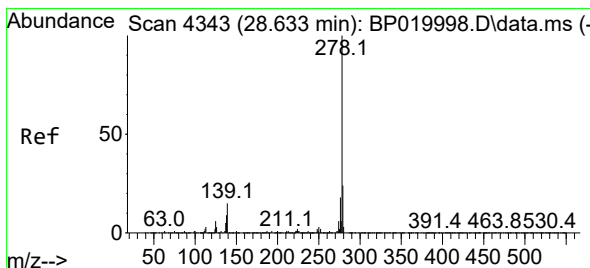
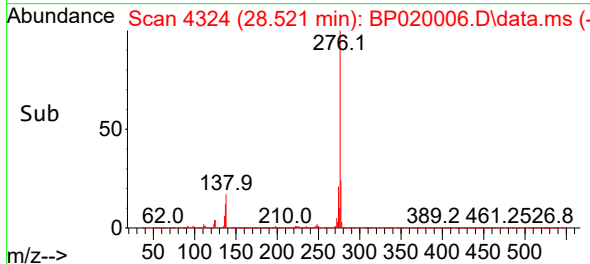
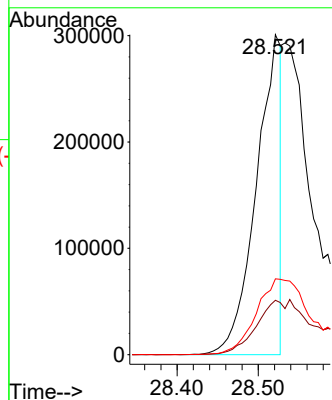
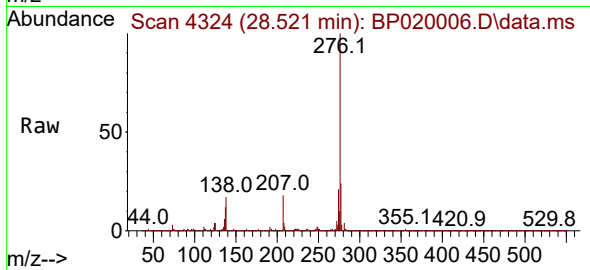
Tgt Ion:276 Resp: 639707

Ion Ratio Lower Upper

276 100

138 17.0 13.1 19.7

277 23.7 19.5 29.3



#95

Dibenzo(a,h)anthracene

Concen: 43.940 ng/ul

RT: 28.615 min Scan# 4340

Delta R.T. -0.036 min

Lab File: BP020006.D

Acq: 26 Mar 2024 21:18

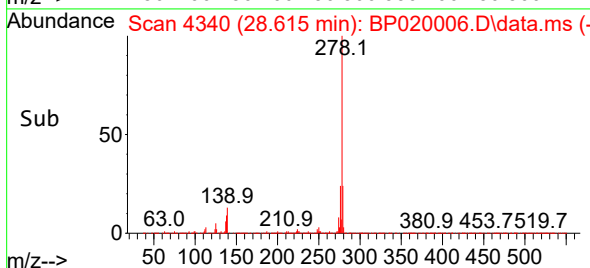
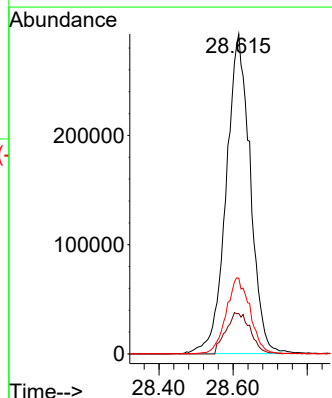
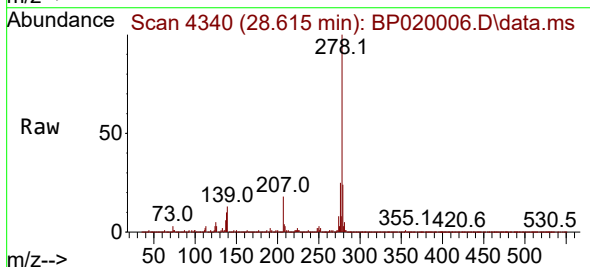
Tgt Ion:278 Resp: 1312818

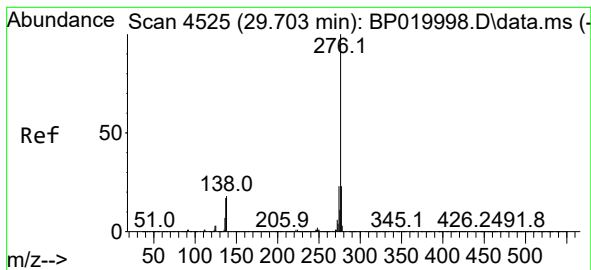
Ion Ratio Lower Upper

278 100

139 12.6 11.4 17.2

279 23.7 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 25.738 ng/ul
 RT: 29.686 min Scan# 4
 Delta R.T. -0.036 min
 Lab File: BP020006.D
 Acq: 26 Mar 2024 21:18

Instrument :
 BNA_P
 ClientSampleId :
 SLCS783

Tgt Ion:276 Resp: 763604
 Ion Ratio Lower Upper
 276 100
 138 17.0 15.5 23.3
 277 23.9 18.8 28.2

