

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020319.D
 Acq On : 11 May 2024 12:08
 Operator : MA/JU
 Sample : PB160824BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS824

Quant Time: May 12 23:11:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	70701	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	292116	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	202151	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.134	188	455189	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	499181	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	575060	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	10200	6.093	ng/uL	0.00
4) Pyridine-d5	3.611	84	142931	29.384	ng/u1	0.00
7) Phenol-d5	6.799	99	190555	31.384	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	108251	29.349	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	151256	34.847	ng/u1	-0.01
15) 4-Methylphenol-d8	8.322	113	153501	31.270	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	74126	33.887	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.487	143	86340	34.467	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	156793	34.300	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	199221	31.139	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	497153	33.677	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	542163	33.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	77050	33.960	ng/u1	0.00
60) Fluorene-d10	15.322	176	420806	34.176	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	96769	33.501	ng/u1	0.00
73) Anthracene-d10	17.239	188	710214	36.067	ng/u1	0.00
81) Pyrene-d10	19.639	212	897200	30.747	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	982518	35.336	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	22499	11.844	ng/uL	94
5) Pyridine	3.634	79	148410	30.165	ng/u1	92
6) Benzaldehyde	6.781	77	117808	38.601	ng/u1	96
8) Phenol	6.828	94	197093	31.450	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.058	93	142383	29.035	ng/u1	97
12) 2-Chlorophenol	7.181	128	151983	33.537	ng/u1	97
13) 2-Methylphenol	8.058	108	144307	30.871	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	170767	27.916	ng/u1	100
16) Acetophenone	8.440	105	240664	29.540	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.416	70	127766	28.898	ng/u1	94
18) 4-Methylphenol	8.381	108	160440	31.578	ng/u1	97
19) Hexachloroethane	8.663	117	64515	31.130	ng/u1	89
22) Nitrobenzene	8.816	77	187232	29.816	ng/u1	96
23) Isophorone	9.334	82	354383	29.349	ng/u1	99
25) 2-Nitrophenol	9.522	139	89173	34.367	ng/u1	87
26) 2,4-Dimethylphenol	9.575	107	168475	29.761	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	194871	29.111	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	154787	34.812	ng/u1	97
30) Naphthalene	10.434	128	474439	31.510	ng/u1	99
32) 4-Chloroaniline	10.575	127	187825	30.022	ng/u1	98
33) Hexachlorobutadiene	10.699	225	110147	31.894	ng/u1	96
34) Caprolactam	11.381	113	43375	27.938	ng/u1	93
35) 4-Chloro-3-methylphenol	11.710	107	184009	33.238	ng/u1	97
36) 2-Methylnaphthalene	12.063	142	333986	31.880	ng/u1	95

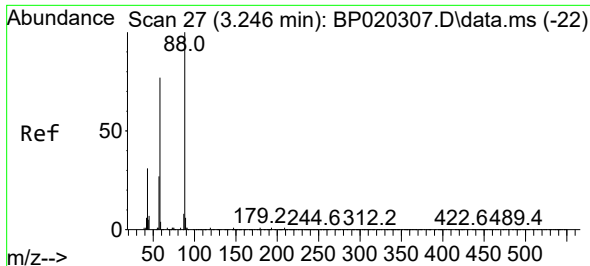
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020319.D
 Acq On : 11 May 2024 12:08
 Operator : MA/JU
 Sample : PB160824BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS824

Quant Time: May 12 23:11:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	342633	32.501	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	208439	33.062	ng/ul	99
40) Hexachlorocyclopentadiene	12.393	237	70527	20.569	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	137179	34.697	ng/ul	94
42) 2,4,5-Trichlorophenol	12.781	196	149307	35.095	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	454598	31.795	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	363852	32.070	ng/ul	98
45) 2-Nitroaniline	13.387	65	128161	34.055	ng/ul	99
47) Dimethylphthalate	13.757	163	483524	32.427	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	102735	34.657	ng/ul	98
50) Acenaphthylene	14.010	152	585916	31.944	ng/ul	100
51) 3-Nitroaniline	14.240	138	99871	36.123	ng/ul	100
52) Acenaphthene	14.363	153	386520	31.358	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	55985	30.769	ng/ul	89
55) 4-Nitrophenol	14.569	109	99904	42.293	ng/ul	92
56) Dibenzofuran	14.710	168	564485	33.298	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	157811	37.029	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.945	232	140750	36.842	ng/ul#	96
59) Diethylphthalate	15.163	149	492176	33.066	ng/ul	100
61) Fluorene	15.381	166	475355	33.747	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	250727	33.552	ng/ul	94
63) 4-Nitroaniline	15.440	138	95761	41.562	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.492	198	97486	32.366	ng/ul	94
67) N-Nitrosodiphenylamine	15.604	169	418214	32.998	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	164884	33.442	ng/ul	96
69) Hexachlorobenzene	16.404	284	196269	34.369	ng/ul	94
70) Atrazine	16.610	200	162597	36.180	ng/ul	98
71) Pentachlorophenol	16.775	266	116978	33.890	ng/ul	98
72) Phenanthrene	17.175	178	782661	33.700	ng/ul	98
74) Anthracene	17.281	178	795428	33.674	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	206399	30.509	ng/uL	98
76) Pentachlorobenzene	14.622	250	220341	32.547	ng/uL	96
77) Carbazole	17.575	167	743236	36.524	ng/ul	99
78) Di-n-butylphthalate	18.169	149	861972	34.947	ng/ul	99
80) Fluoranthene	19.292	202	1019080	29.676	ng/ul	99
82) Pyrene	19.675	202	1083804	30.333	ng/ul	98
83) Butylbenzylphthalate	20.651	149	426312	31.431	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.545	252	367346	36.159	ng/ul	99
85) Benzo(a)anthracene	21.616	228	1166379	34.450	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	620560	31.715	ng/ul	97
87) Chrysene	21.680	228	1095675	34.916	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	1121314	30.447	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	1174172	34.325	ng/ul	97
91) Benzo(k)fluoranthene	24.010	252	1179406	33.831	ng/ul	99
93) Benzo(a)pyrene	24.851	252	1008119	30.972	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	1414136	35.441	ng/ul	97
95) Dibenzo(a,h)anthracene	28.898	278	1146079	34.726	ng/ul	98
96) Benzo(g,h,i)perylene	29.998	276	515435	16.017	ng/ul	99

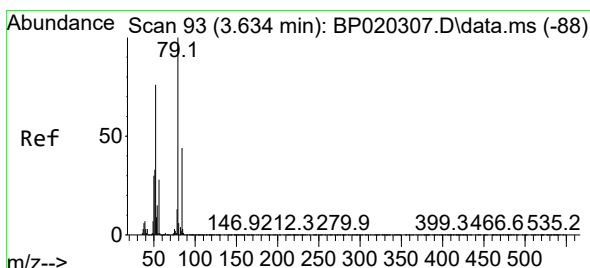
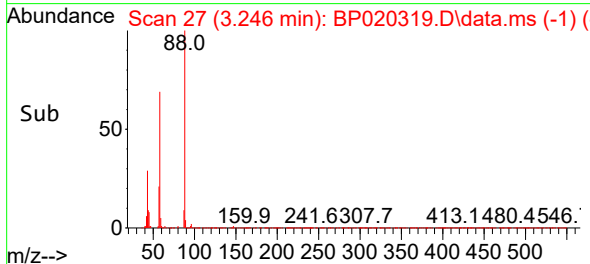
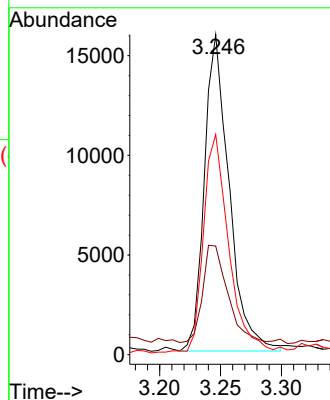
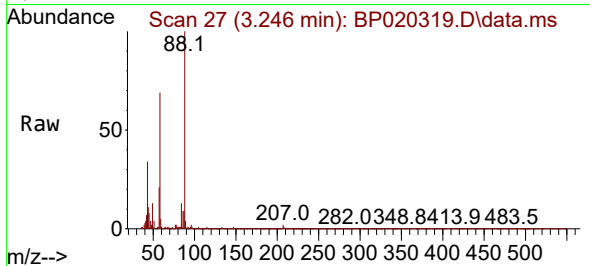
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 11.844 ng/uL
RT: 3.246 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

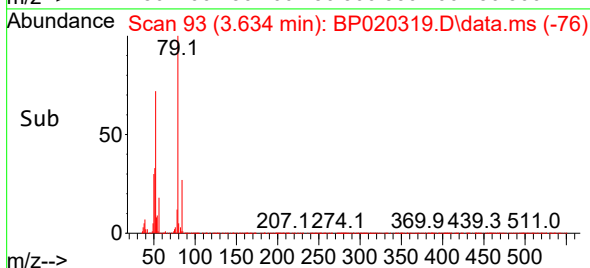
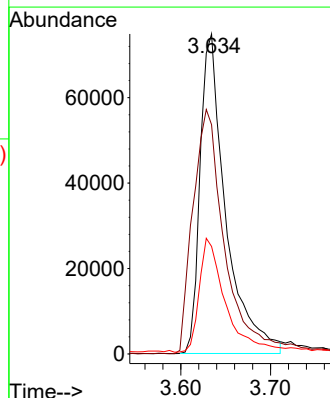
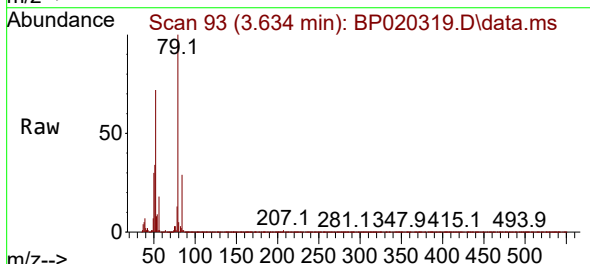
Instrument :
BNA_P
ClientSampleId :
SLCS824

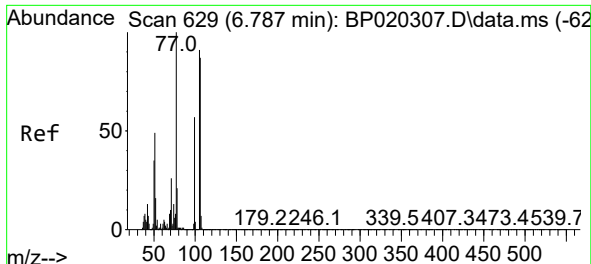
Tgt Ion:	88	Resp:	22499
Ion	Ratio	Lower	Upper
88	100		
43	33.9	23.9	35.9
58	68.8	58.2	87.4



#5
Pyridine
Concen: 30.165 ng/uL
RT: 3.634 min Scan# 93
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:	79	Resp:	148410
Ion	Ratio	Lower	Upper
79	100		
52	71.6	60.7	91.1
51	33.6	33.1	49.7

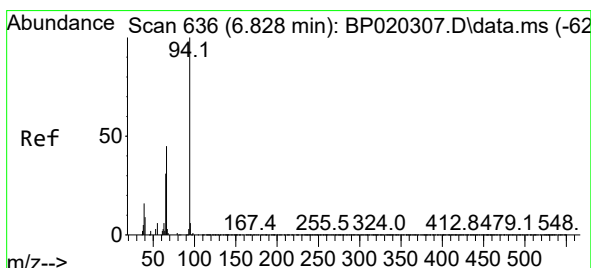
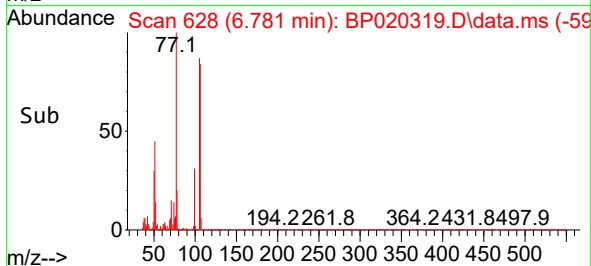
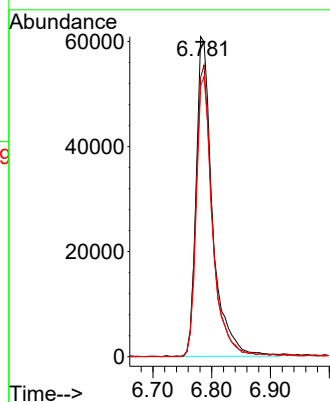
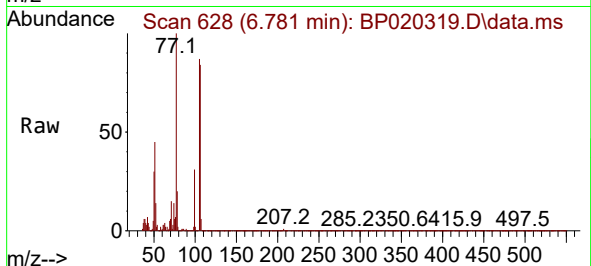




#6
Benzaldehyde
Concen: 38.601 ng/ul
RT: 6.781 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

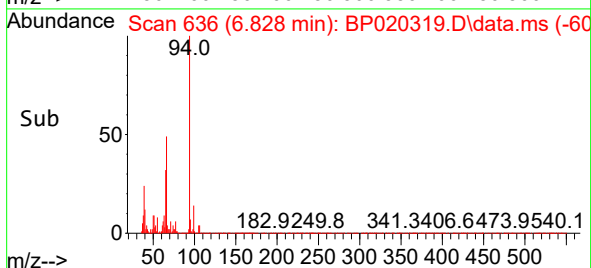
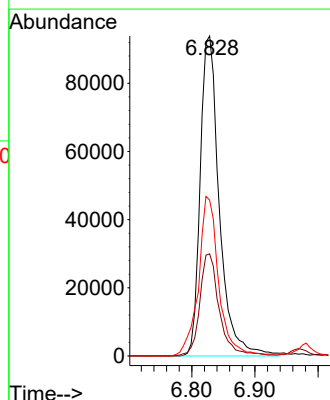
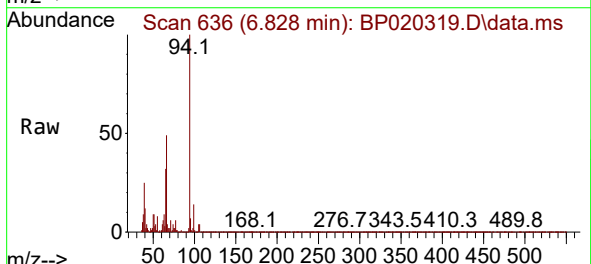
Instrument :
BNA_P
ClientSampleId :
SLCS824

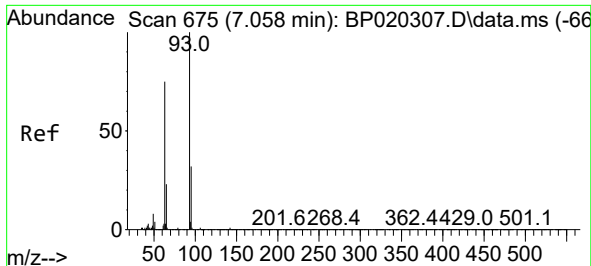
Tgt Ion: 77 Resp: 117808
Ion Ratio Lower Upper
77 100
105 87.3 75.4 113.2
106 84.5 68.2 102.2



#8
Phenol
Concen: 31.450 ng/ul
RT: 6.828 min Scan# 636
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion: 94 Resp: 197093
Ion Ratio Lower Upper
94 100
65 31.9 26.1 39.1
66 48.7 38.6 57.8

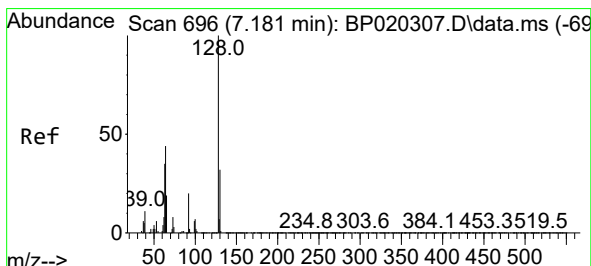
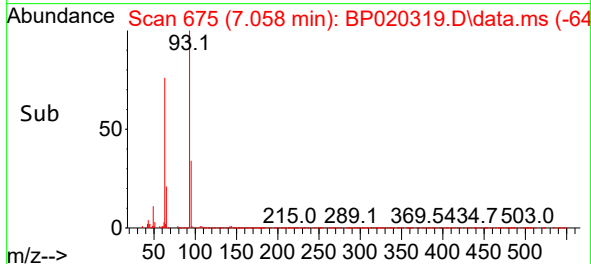
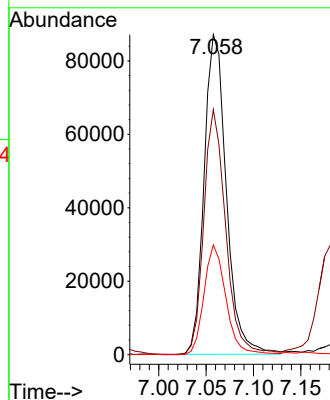
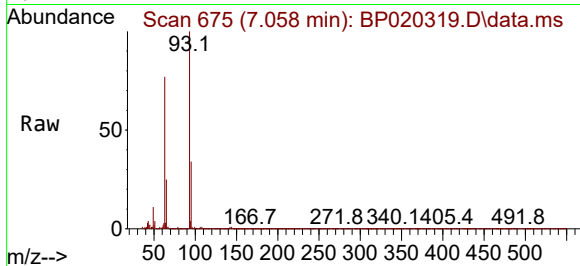




#10
Bis(2-Chloroethyl)ether
Concen: 29.035 ng/ul
RT: 7.058 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

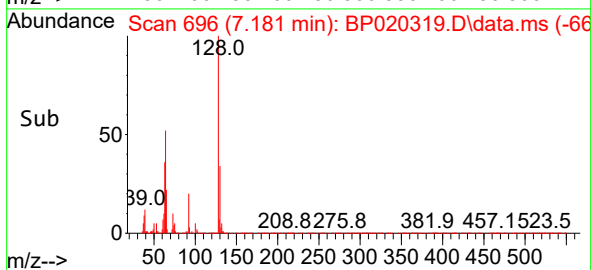
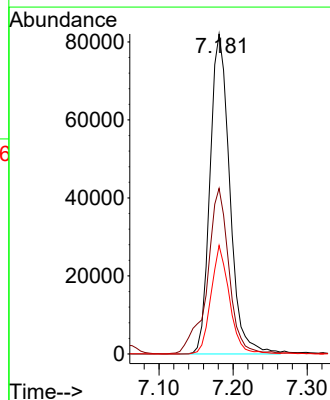
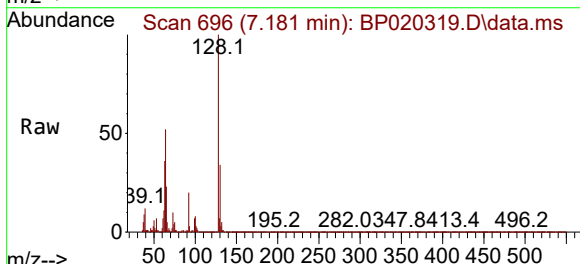
Instrument :
BNA_P
ClientSampleId :
SLCS824

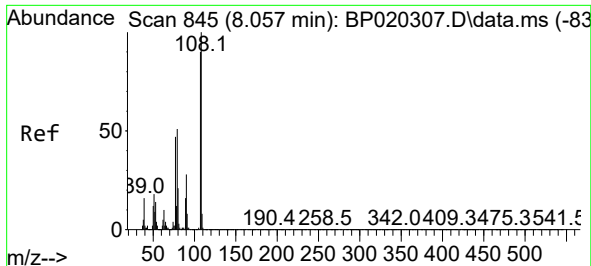
Tgt Ion: 93 Resp: 142383
Ion Ratio Lower Upper
93 100
63 76.6 59.5 89.3
95 34.3 25.3 37.9



#12
2-Chlorophenol
Concen: 33.537 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:128 Resp: 151983
Ion Ratio Lower Upper
128 100
64 51.7 43.8 65.6
130 33.9 26.5 39.7





#13

2-Methylphenol

Concen: 30.871 ng/ul

RT: 8.058 min Scan# 845

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

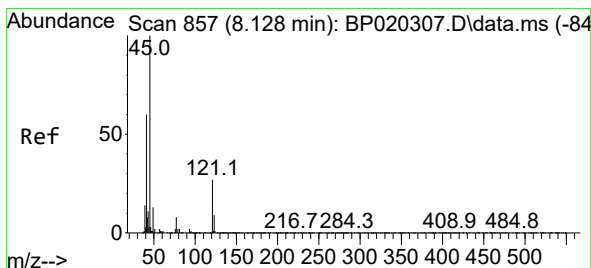
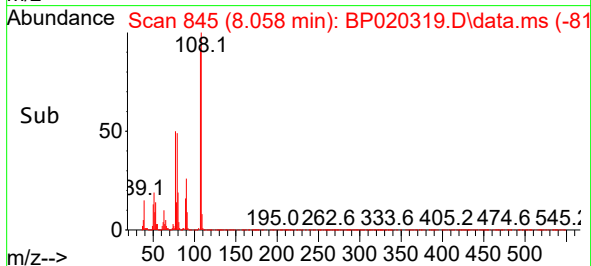
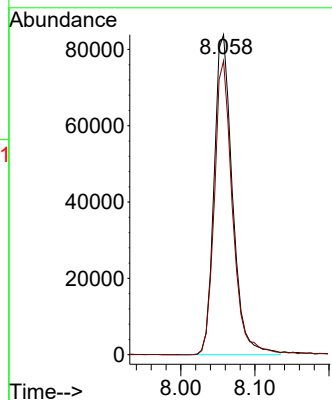
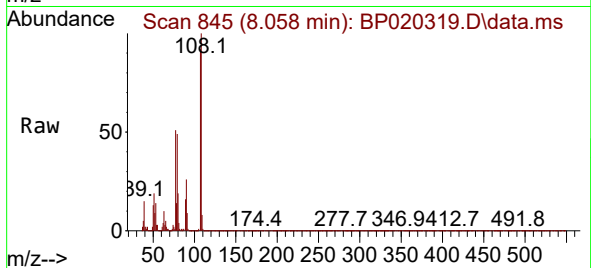
SLCS824

Tgt Ion:108 Resp: 144307

Ion Ratio Lower Upper

108 100

107 91.8 73.0 109.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.916 ng/ul

RT: 8.128 min Scan# 857

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

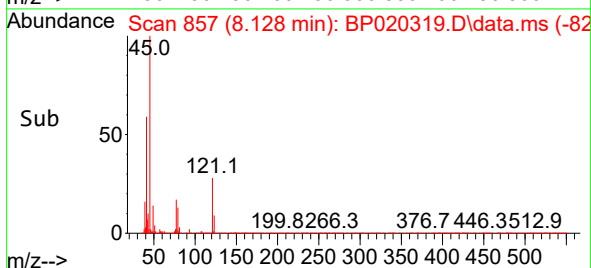
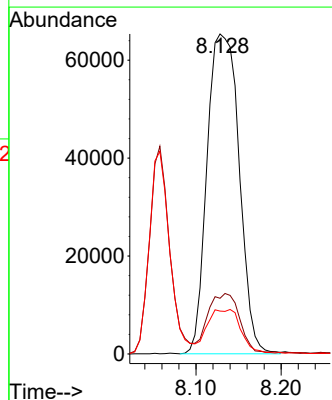
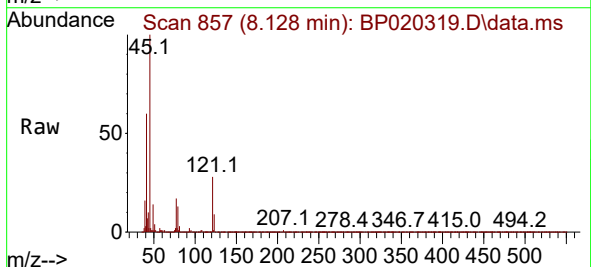
Tgt Ion: 45 Resp: 170767

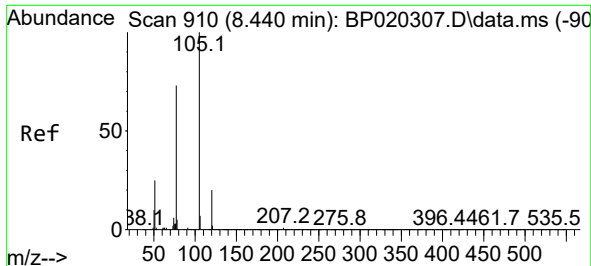
Ion Ratio Lower Upper

45 100

77 17.4 13.8 20.8

79 13.4 10.9 16.3

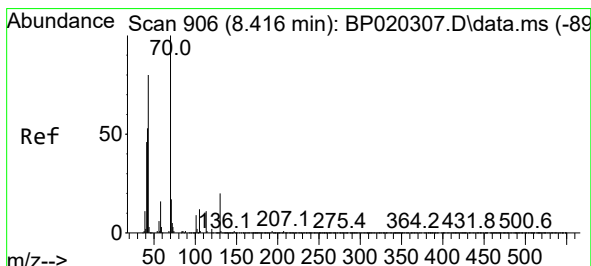
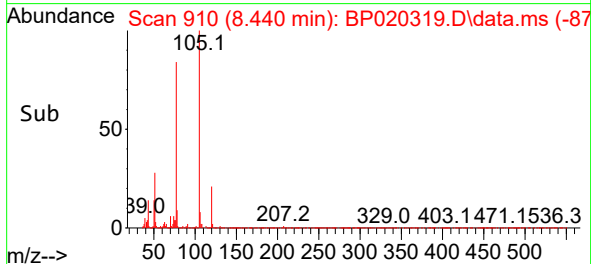
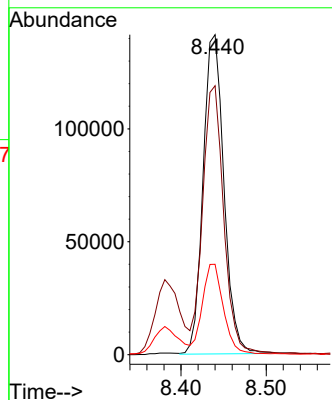
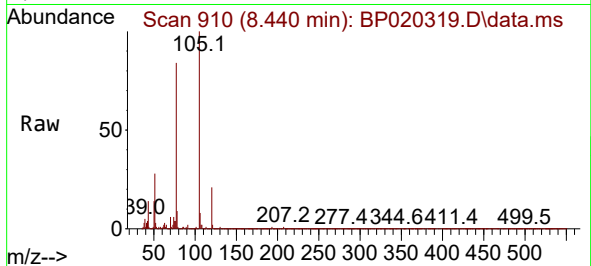




#16
Acetophenone
Concen: 29.540 ng/ul
RT: 8.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

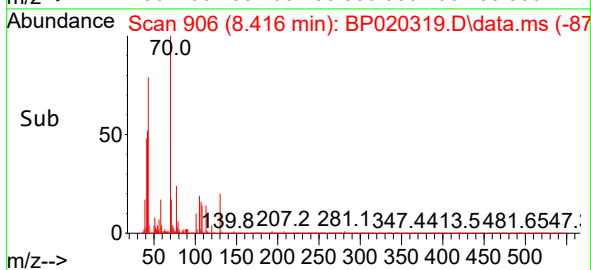
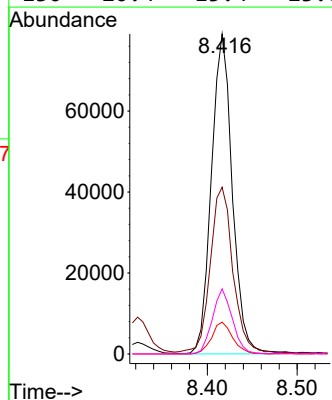
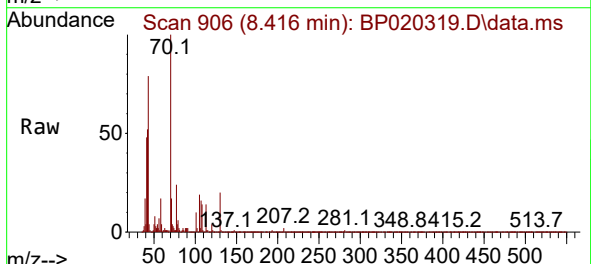
Instrument :
BNA_P
ClientSampleId :
SLCS824

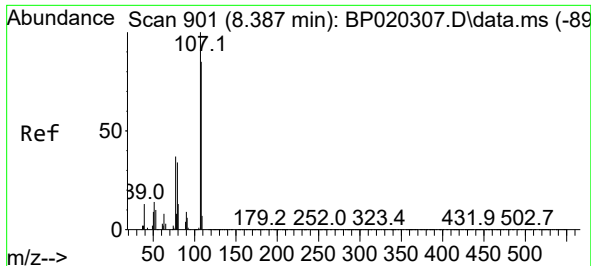
Tgt Ion:105 Resp: 240664
Ion Ratio Lower Upper
105 100
77 84.1 66.4 99.6
51 28.2 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 28.898 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion: 70 Resp: 127766
Ion Ratio Lower Upper
70 100
42 52.1 46.2 69.4
101 10.0 7.8 11.6
130 20.4 15.4 23.0

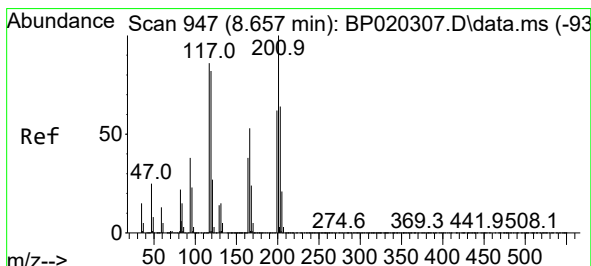
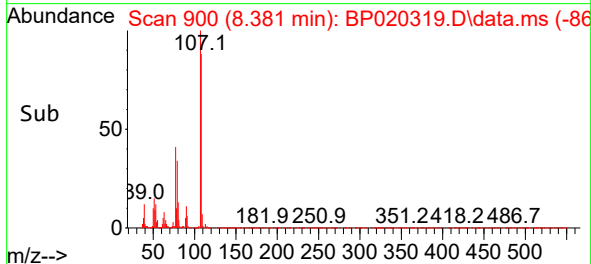
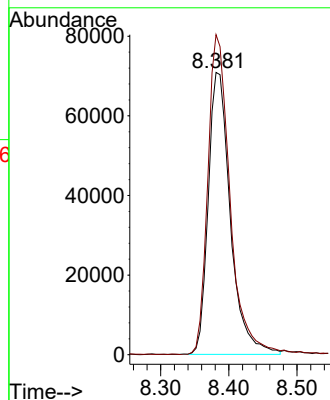
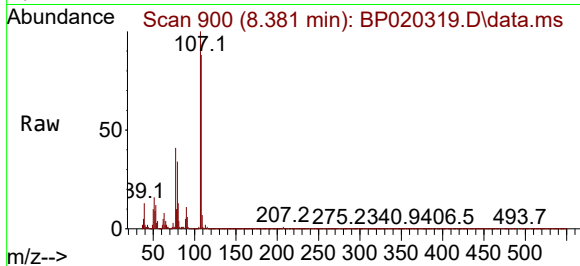




#18
4-Methylphenol
Concen: 31.578 ng/ul
RT: 8.381 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

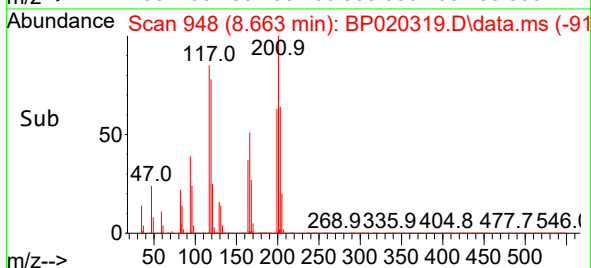
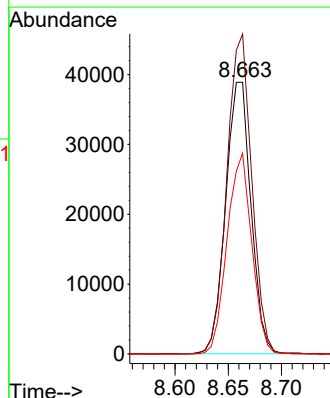
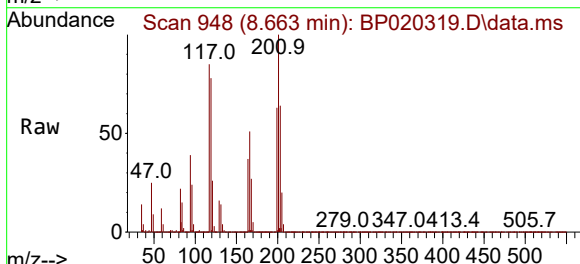
Instrument :
BNA_P
ClientSampleId :
SLCS824

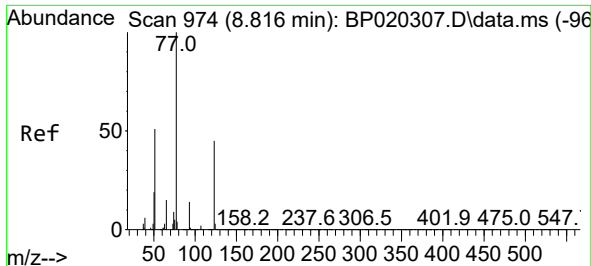
Tgt Ion:108 Resp: 160440
Ion Ratio Lower Upper
108 100
107 113.4 88.2 132.2



#19
Hexachloroethane
Concen: 31.130 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:117 Resp: 64515
Ion Ratio Lower Upper
117 100
201 117.8 84.0 126.0
199 73.9 53.4 80.2

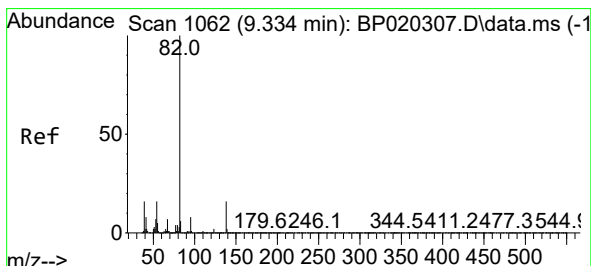
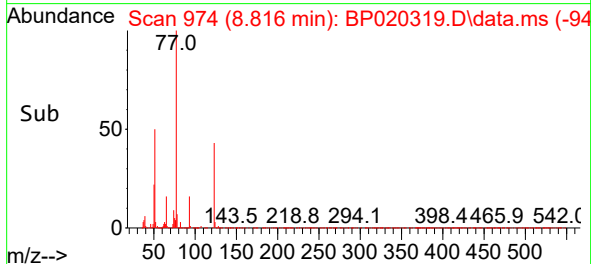
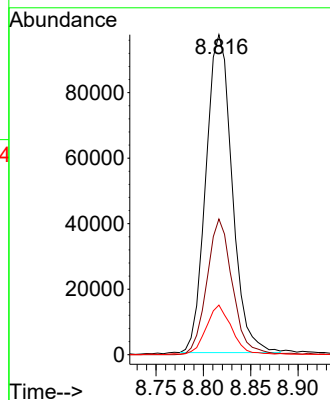
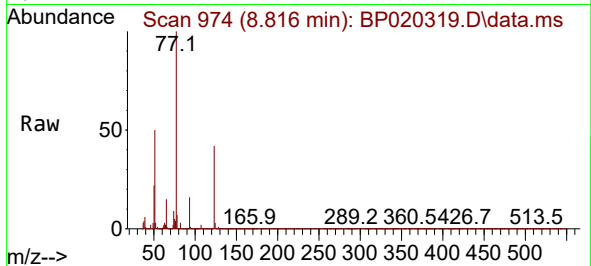




#22
Nitrobenzene
Concen: 29.816 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

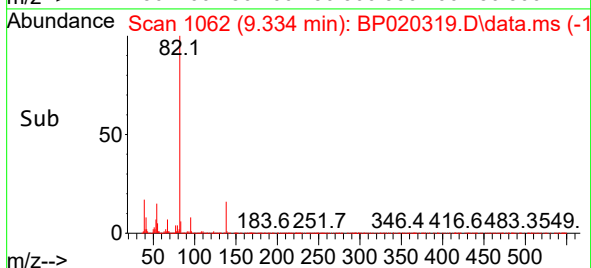
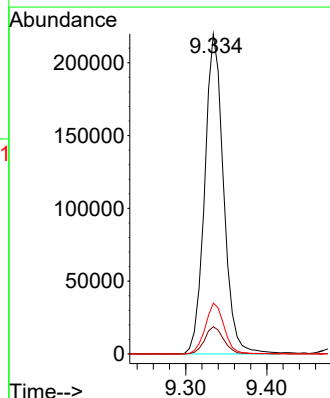
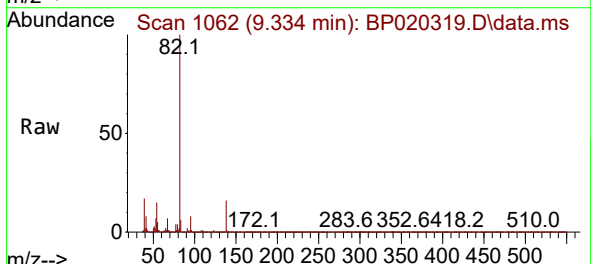
Instrument :
BNA_P
ClientSampleId :
SLCS824

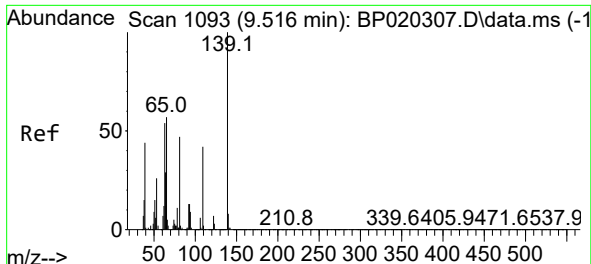
Tgt Ion: 77 Resp: 187232
Ion Ratio Lower Upper
77 100
123 42.4 31.4 47.2
65 15.5 11.4 17.2



#23
Isophorone
Concen: 29.349 ng/ul
RT: 9.334 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion: 82 Resp: 354383
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 15.9 12.9 19.3

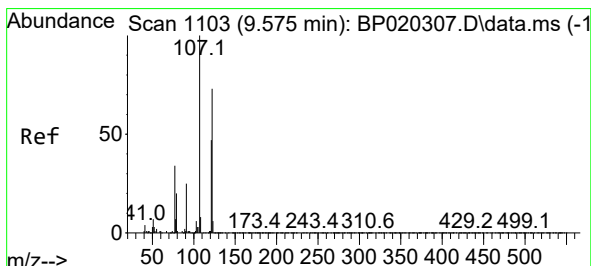
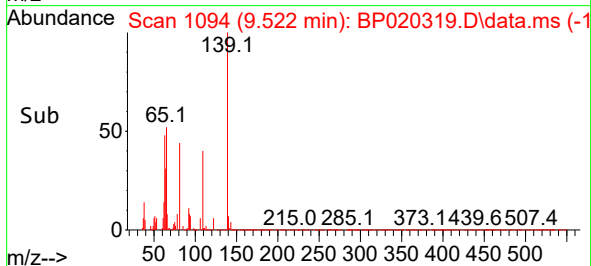
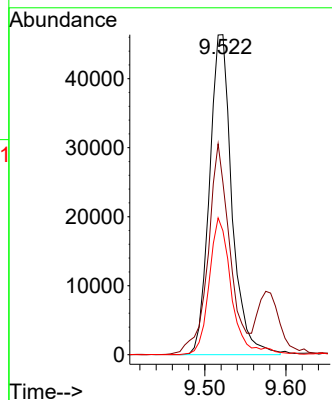
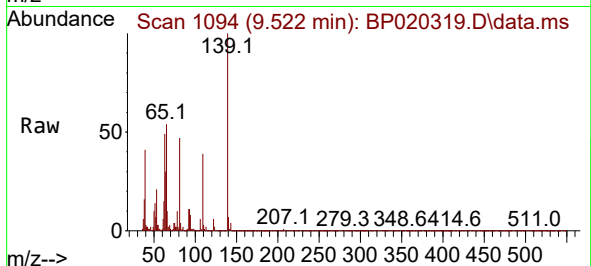




#25
2-Nitrophenol
Concen: 34.367 ng/ul
RT: 9.522 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

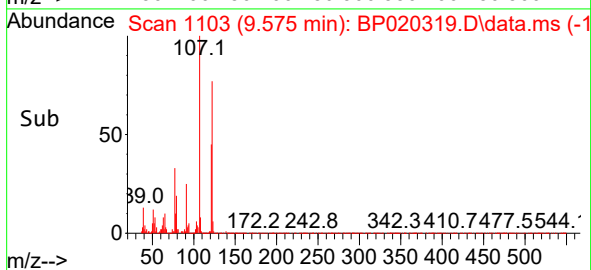
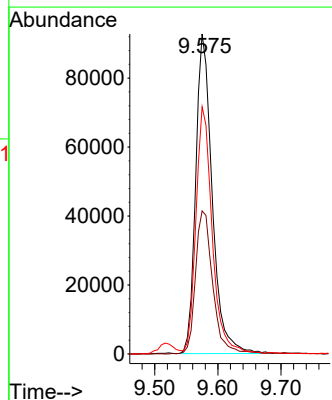
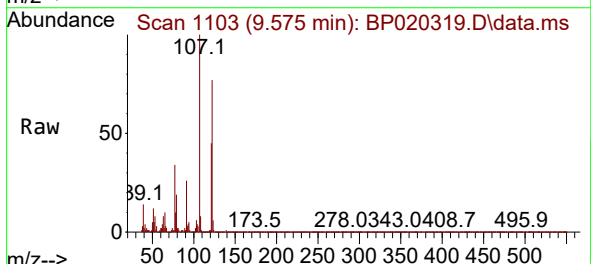
Instrument :
BNA_P
ClientSampleId :
SLCS824

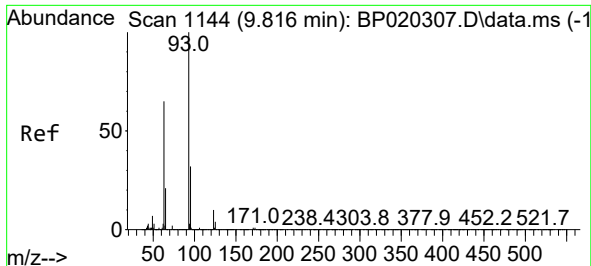
Tgt Ion:139 Resp: 89173
Ion Ratio Lower Upper
139 100
65 53.8 53.8 80.6
109 38.7 35.3 52.9



#26
2,4-Dimethylphenol
Concen: 29.761 ng/ul
RT: 9.575 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:107 Resp: 168475
Ion Ratio Lower Upper
107 100
121 44.7 36.0 54.0
122 77.2 59.4 89.2

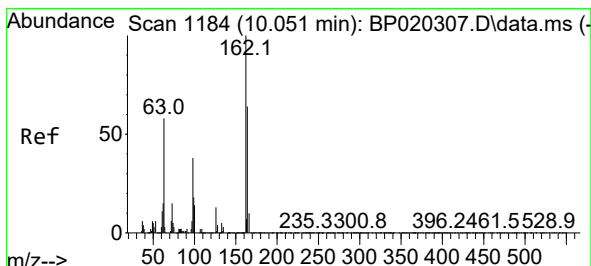
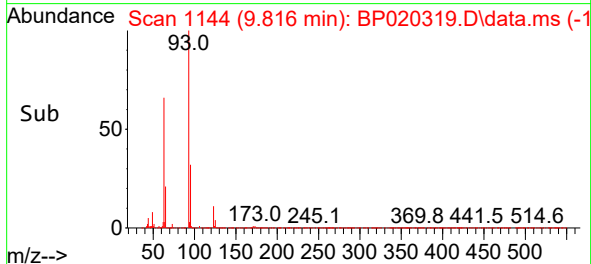
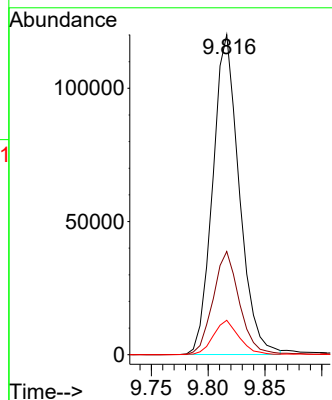
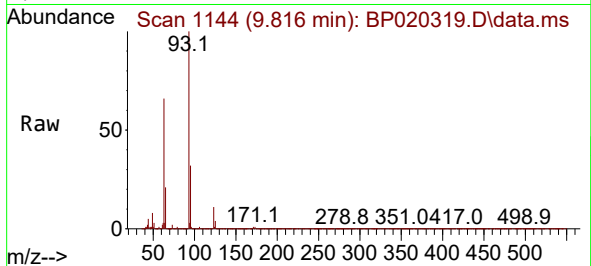




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.111 ng/ul
 RT: 9.816 min Scan# 1144
 Delta R.T. -0.006 min
 Lab File: BP020319.D
 Acq: 11 May 2024 12:08

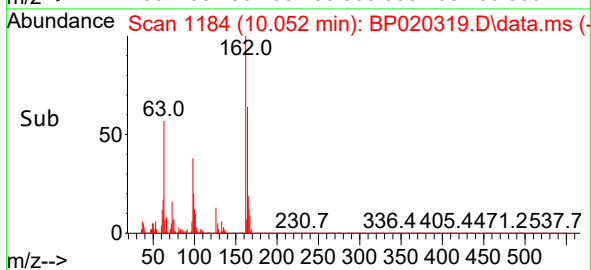
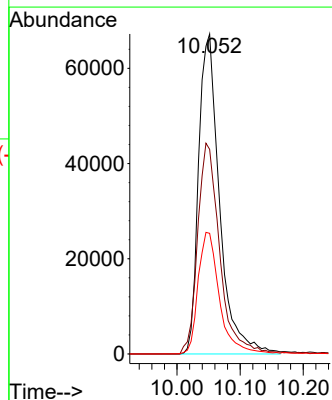
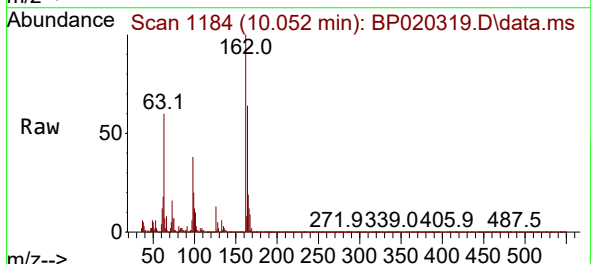
Instrument :
 BNA_P
 ClientSampleId :
 SLCS824

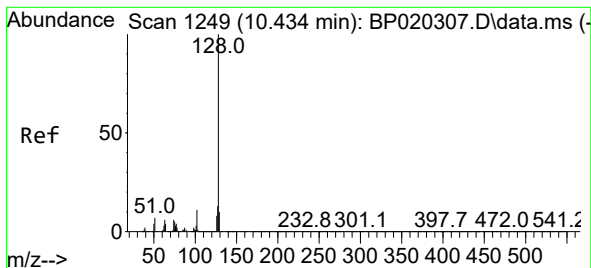
Tgt Ion: 93 Resp: 194871
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.6 38.4
 123 10.7 8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 34.812 ng/ul
 RT: 10.052 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: BP020319.D
 Acq: 11 May 2024 12:08

Tgt Ion:162 Resp: 154787
 Ion Ratio Lower Upper
 162 100
 164 63.9 53.1 79.7
 98 37.7 31.4 47.2

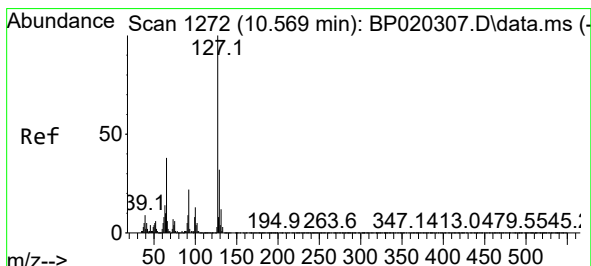
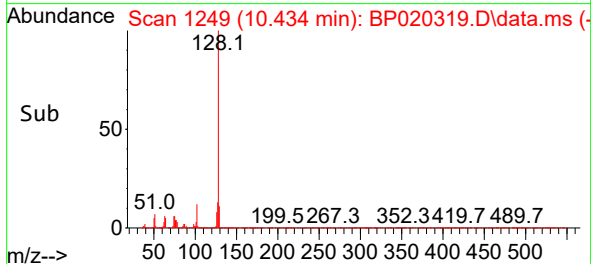
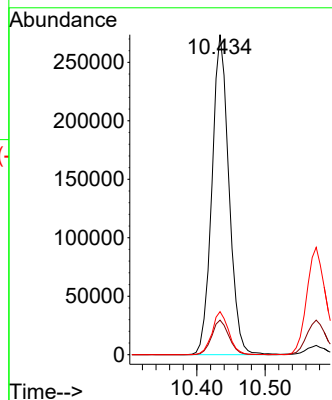
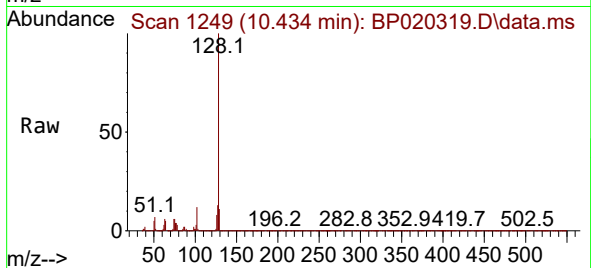




#30
Naphthalene
Concen: 31.510 ng/ul
RT: 10.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

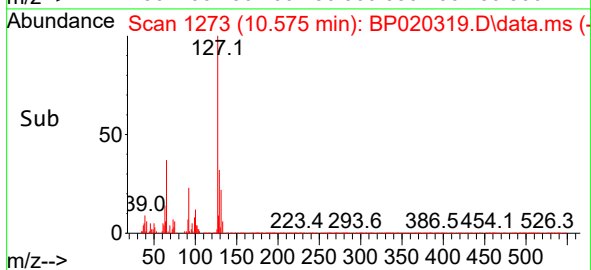
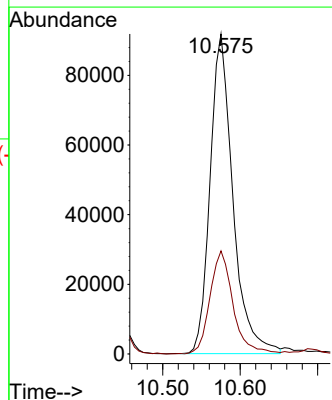
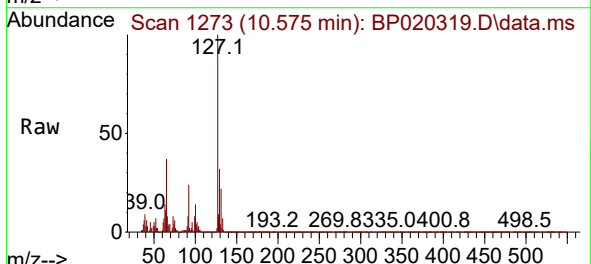
Instrument :
BNA_P
ClientSampleId :
SLCS824

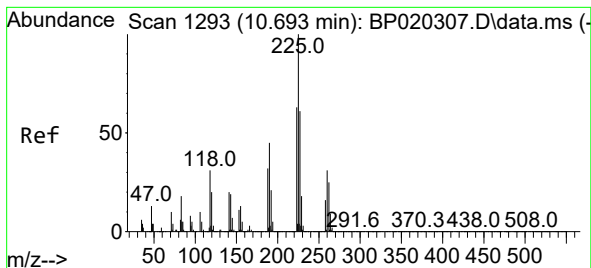
Tgt Ion:128 Resp: 474439
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.5 10.6 16.0



#32
4-Chloroaniline
Concen: 30.022 ng/ul
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:127 Resp: 187825
Ion Ratio Lower Upper
127 100
129 32.2 24.8 37.2





#33

Hexachlorobutadiene

Concen: 31.894 ng/ul

RT: 10.699 min Scan# 1101

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

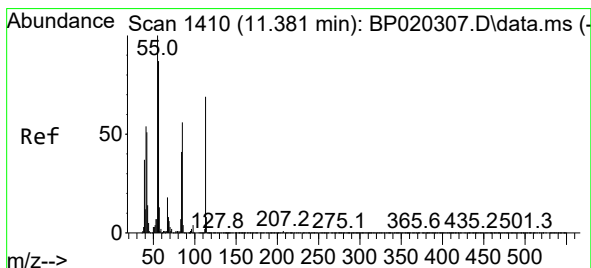
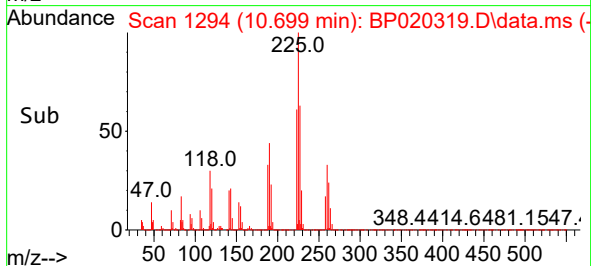
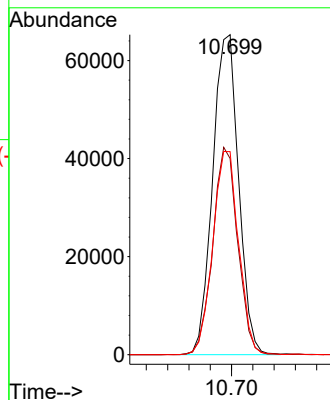
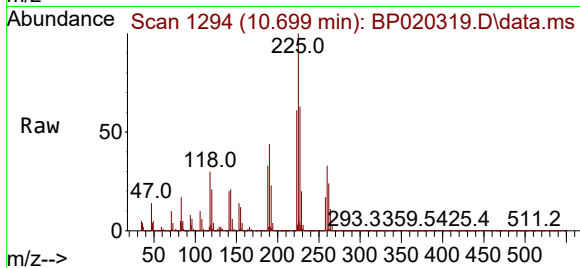
Tgt Ion:225 Resp: 110147

Ion Ratio Lower Upper

225 100

223 61.3 53.2 79.8

227 63.5 51.4 77.0



#34

Caprolactam

Concen: 27.938 ng/ul

RT: 11.381 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

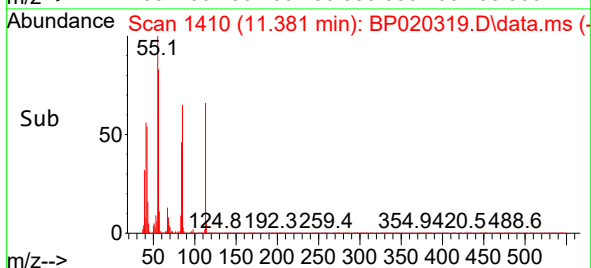
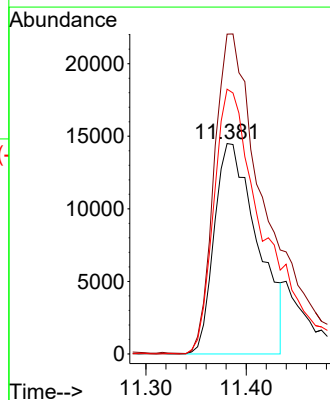
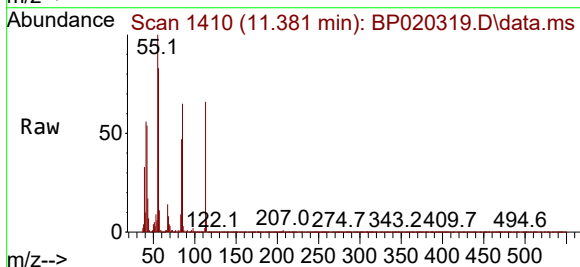
Tgt Ion:113 Resp: 43375

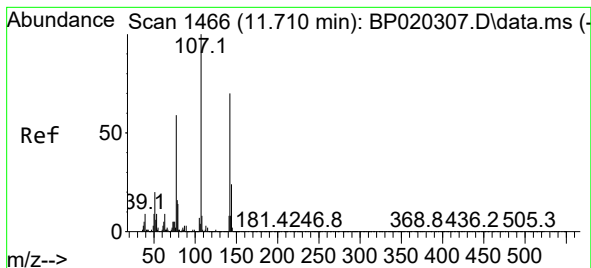
Ion Ratio Lower Upper

113 100

55 152.0 131.0 196.6

56 125.9 105.4 158.2

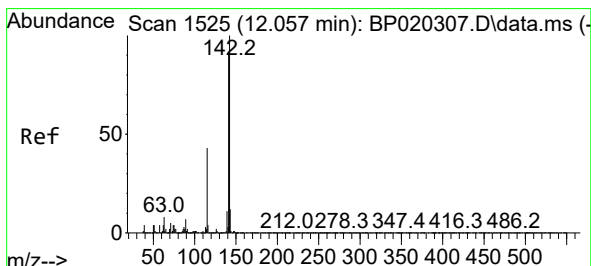
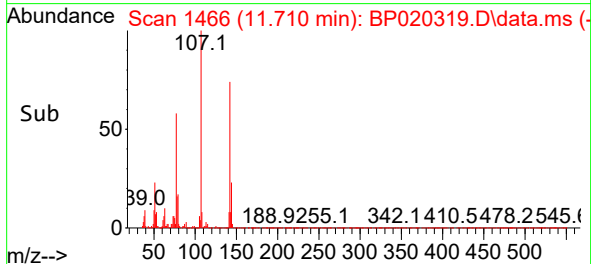
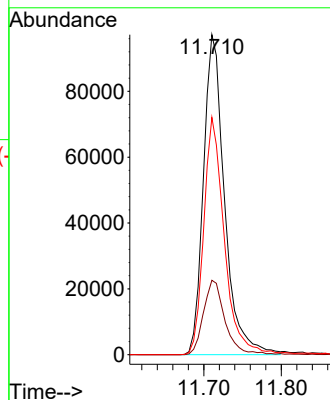
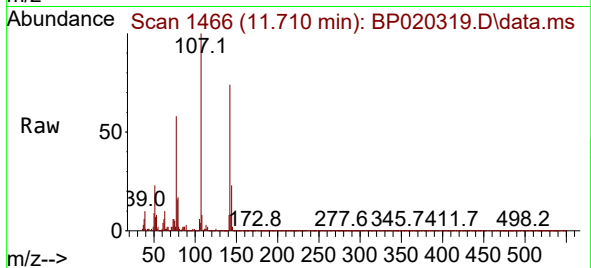




#35
4-Chloro-3-methylphenol
Concen: 33.238 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

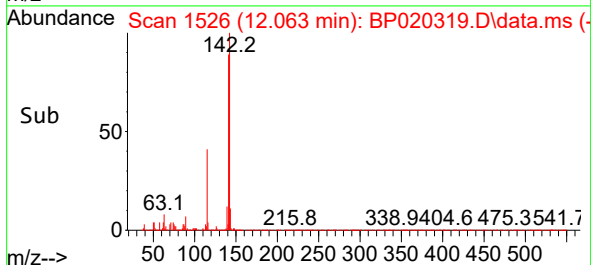
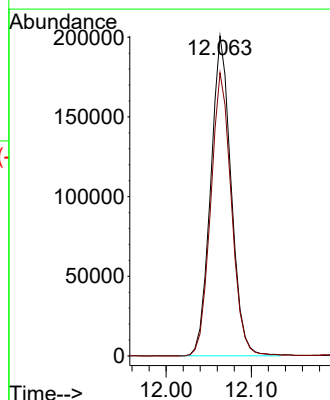
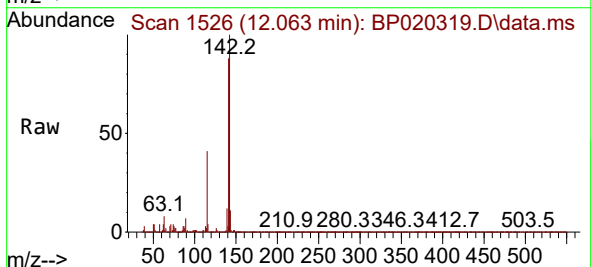
Instrument :
BNA_P
ClientSampleId :
SLCS824

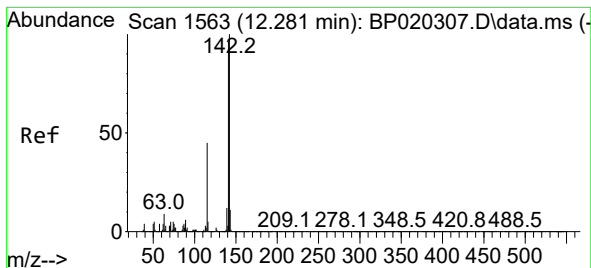
Tgt Ion:107 Resp: 184009
Ion Ratio Lower Upper
107 100
144 23.3 18.3 27.5
142 74.2 56.6 84.8



#36
2-Methylnaphthalene
Concen: 31.880 ng/ul
RT: 12.063 min Scan# 1526
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:142 Resp: 333986
Ion Ratio Lower Upper
142 100
141 88.5 74.6 111.8





#37

1-Methylnaphthalene

Concen: 32.501 ng/ul

RT: 12.287 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

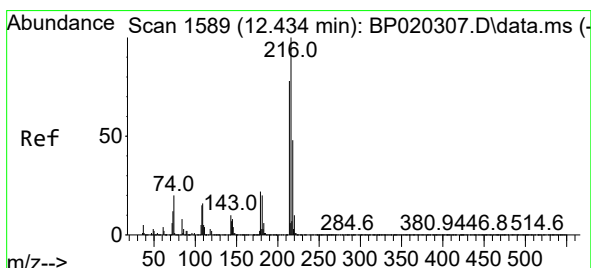
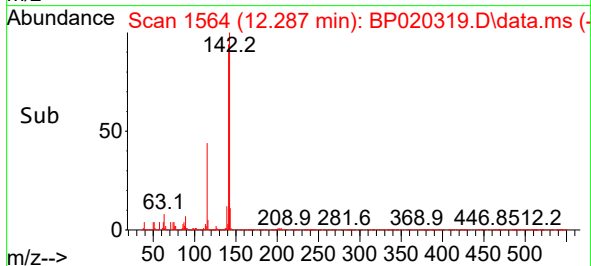
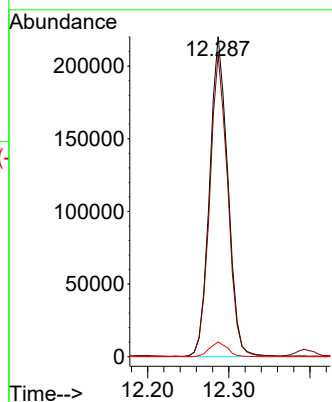
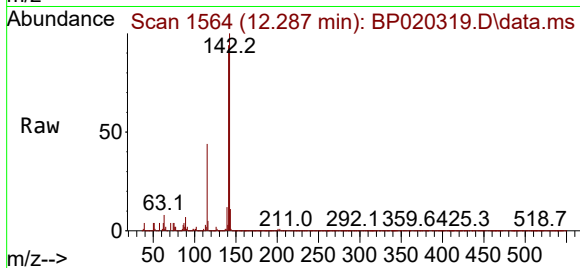
Tgt Ion:142 Resp: 342633

Ion Ratio Lower Upper

142 100

141 94.3 75.5 113.3

116 4.6 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.062 ng/ul

RT: 12.440 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Tgt Ion:216 Resp: 208439

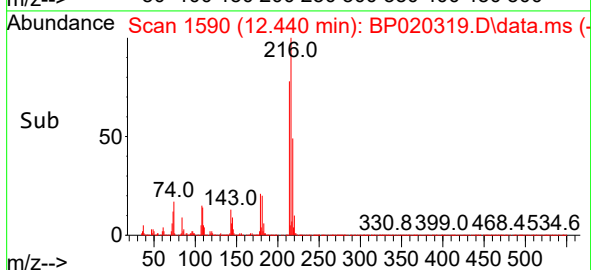
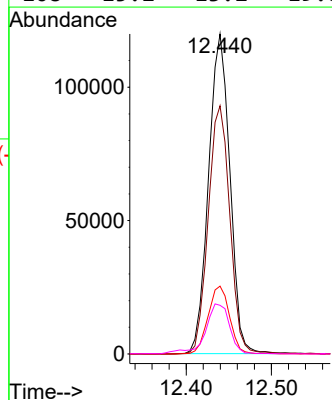
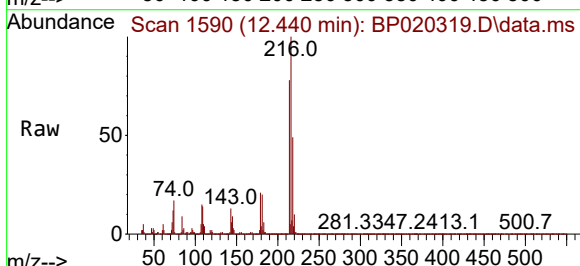
Ion Ratio Lower Upper

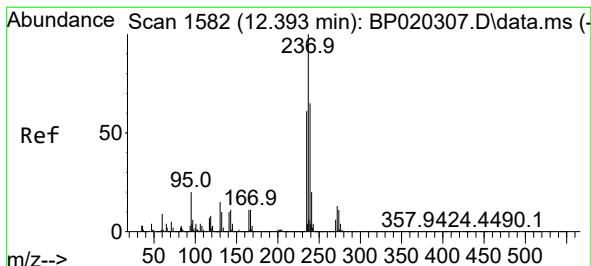
216 100

214 77.5 61.3 91.9

179 21.2 16.9 25.3

108 15.2 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 20.569 ng/ul

RT: 12.393 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

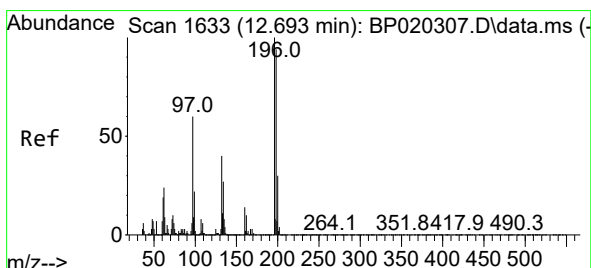
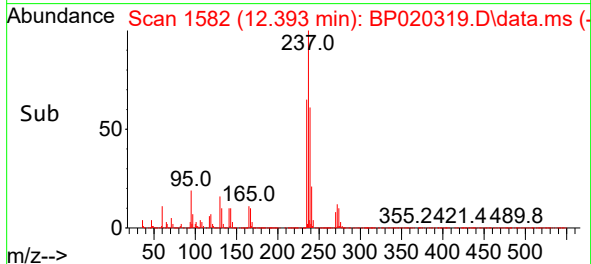
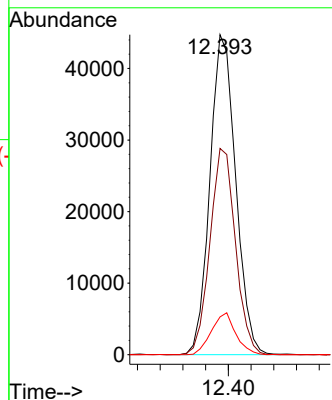
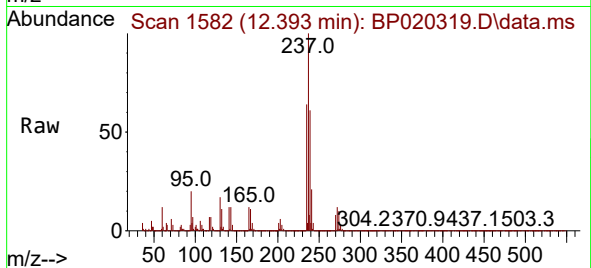
Tgt Ion:237 Resp: 70527

Ion Ratio Lower Upper

237 100

235 64.5 52.4 78.6

272 11.8 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 34.697 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

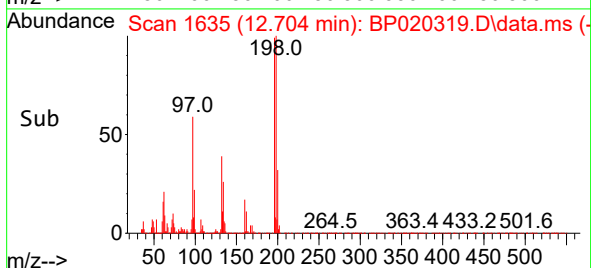
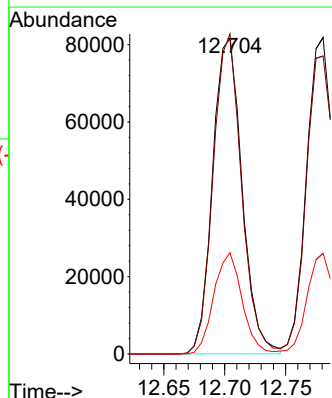
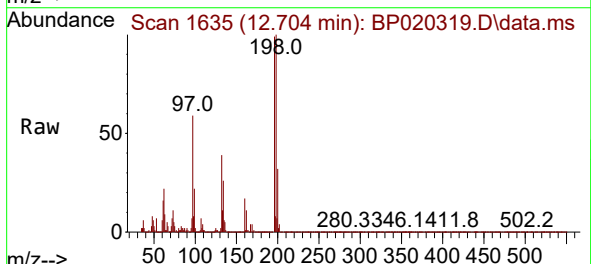
Tgt Ion:196 Resp: 137179

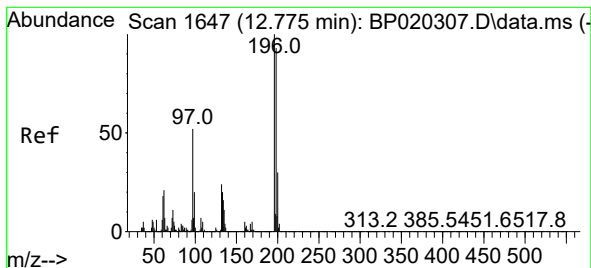
Ion Ratio Lower Upper

196 100

198 101.5 75.8 113.8

200 32.1 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 35.095 ng/ul

RT: 12.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

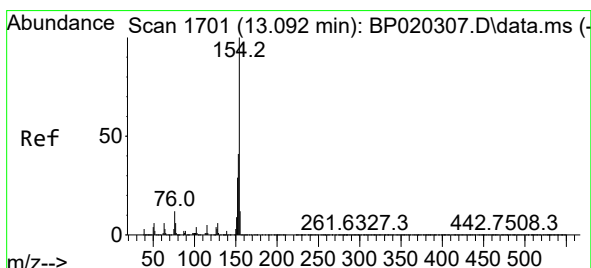
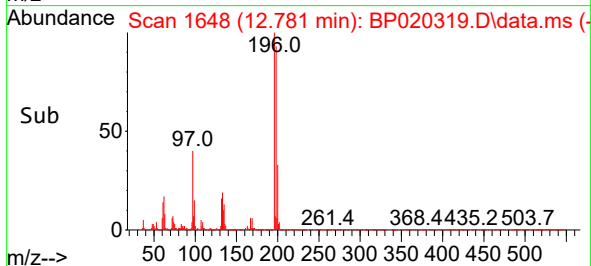
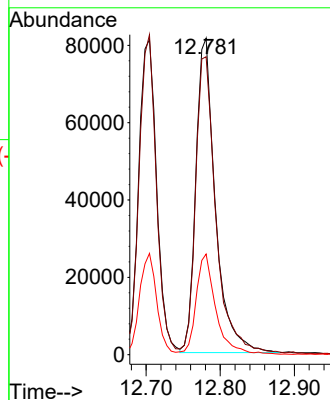
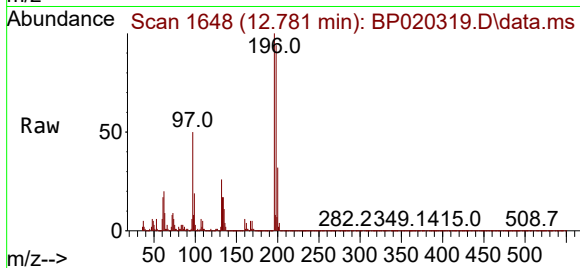
Tgt Ion:196 Resp: 149307

Ion Ratio Lower Upper

196 100

198 94.1 73.5 110.3

200 31.8 24.4 36.6



#43

1,1'-Biphenyl

Concen: 31.795 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

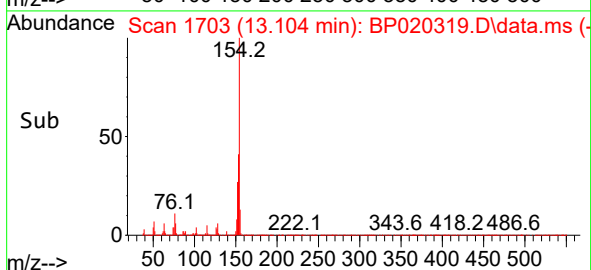
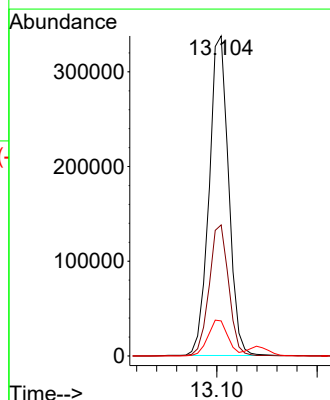
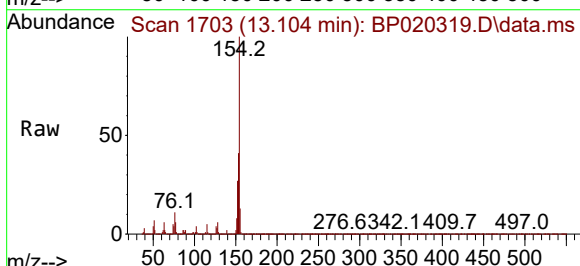
Tgt Ion:154 Resp: 454598

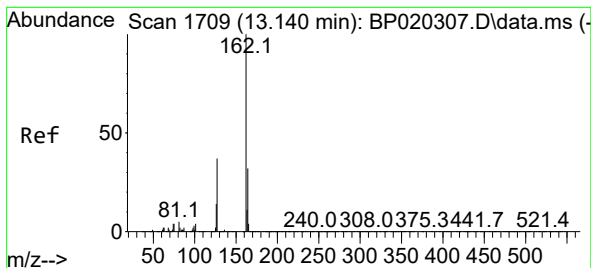
Ion Ratio Lower Upper

154 100

153 41.0 33.1 49.7

76 11.0 9.7 14.5





#44

2-Chloronaphthalene

Concen: 32.070 ng/ul

RT: 13.140 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

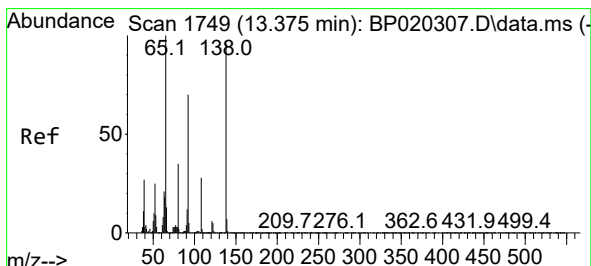
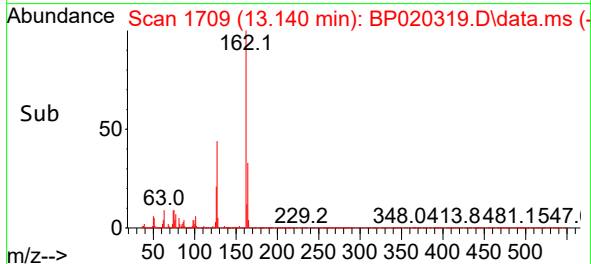
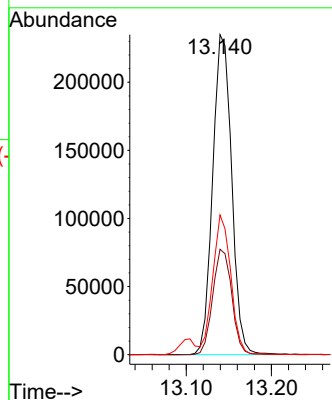
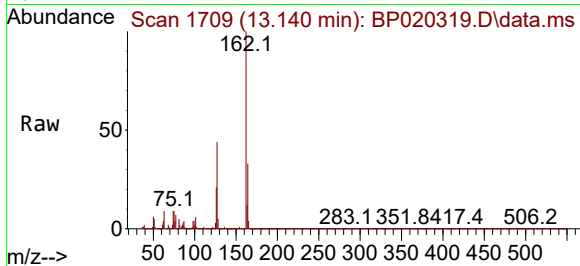
Tgt Ion:162 Resp: 363852

Ion Ratio Lower Upper

162 100

164 33.0 26.1 39.1

127 43.6 33.6 50.4



#45

2-Nitroaniline

Concen: 34.055 ng/ul

RT: 13.387 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

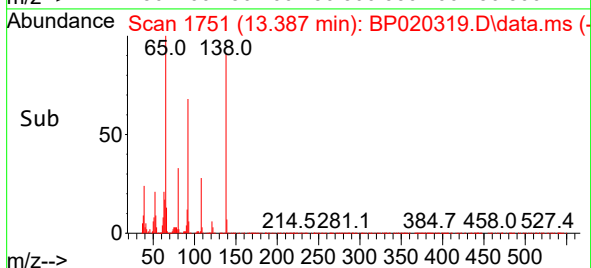
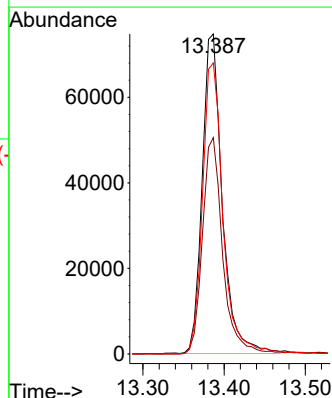
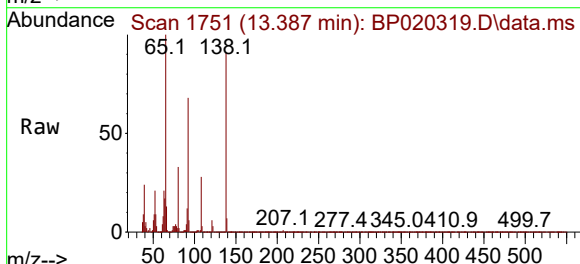
Tgt Ion: 65 Resp: 128161

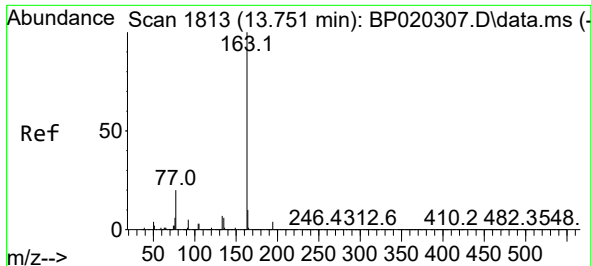
Ion Ratio Lower Upper

65 100

92 67.6 55.6 83.4

138 90.9 73.1 109.7

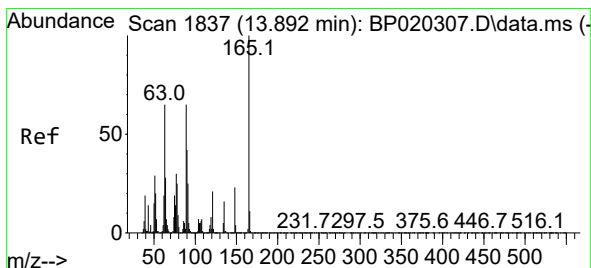
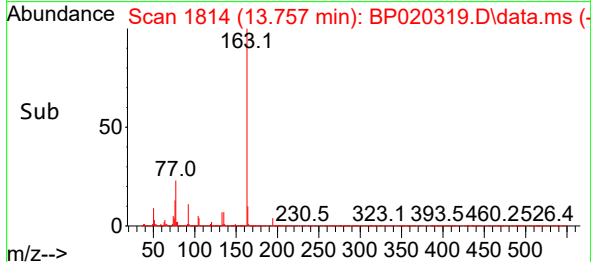
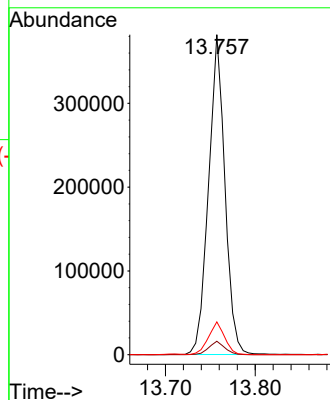
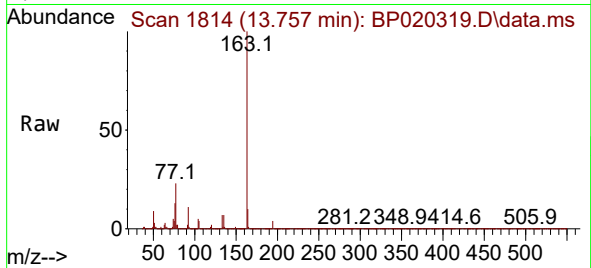




#47
Dimethylphthalate
Concen: 32.427 ng/ul
RT: 13.757 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

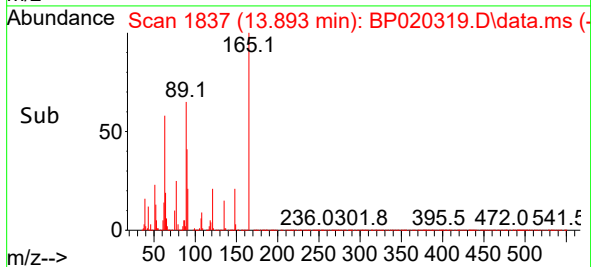
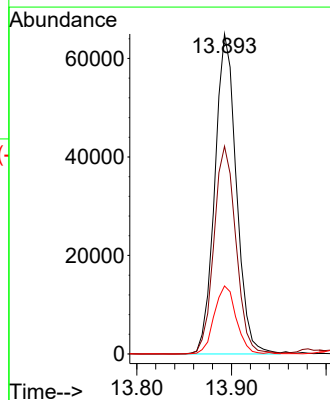
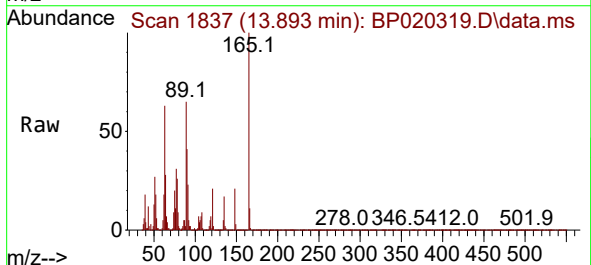
Instrument :
BNA_P
ClientSampleId :
SLCS824

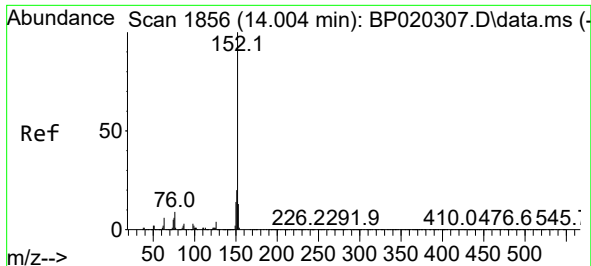
Tgt Ion:163 Resp: 483524
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 34.657 ng/ul
RT: 13.893 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:165 Resp: 102735
Ion Ratio Lower Upper
165 100
89 64.9 51.0 76.6
121 21.2 18.5 27.7

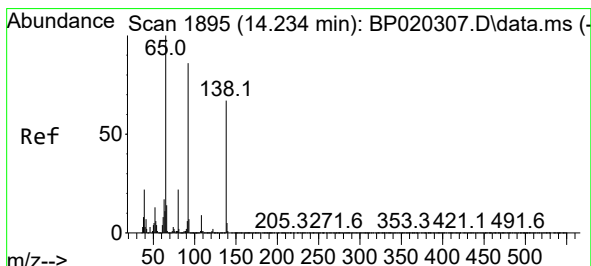
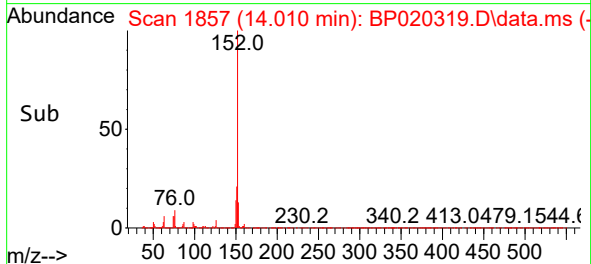
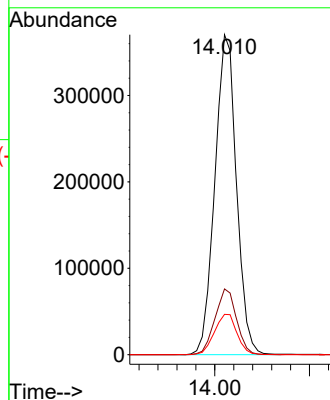
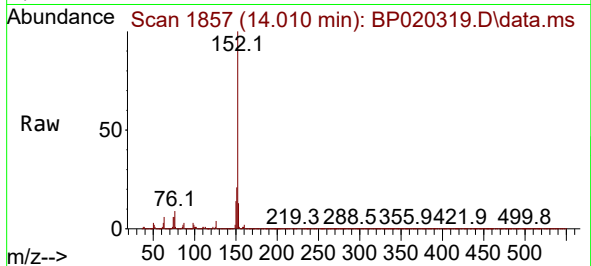




#50
Acenaphthylene
Concen: 31.944 ng/ul
RT: 14.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

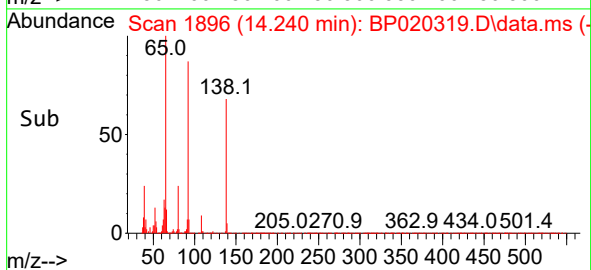
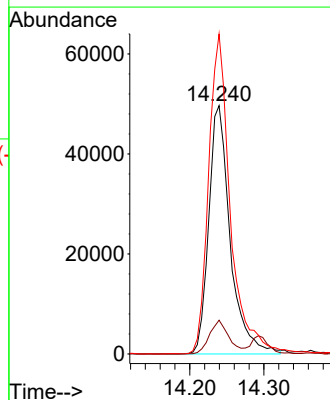
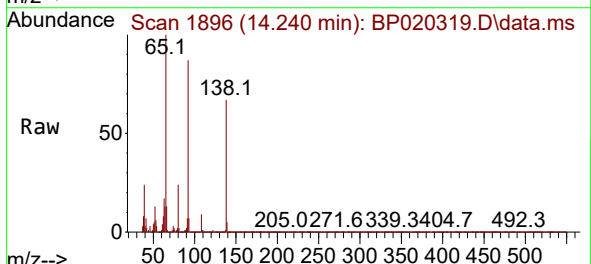
Instrument :
BNA_P
ClientSampleId :
SLCS824

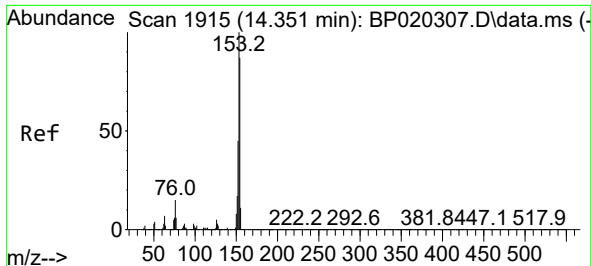
Tgt Ion:152 Resp: 585916
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 12.6 10.3 15.5



#51
3-Nitroaniline
Concen: 36.123 ng/ul
RT: 14.240 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:138 Resp: 99871
Ion Ratio Lower Upper
138 100
108 13.6 10.8 16.2
92 128.8 103.3 154.9

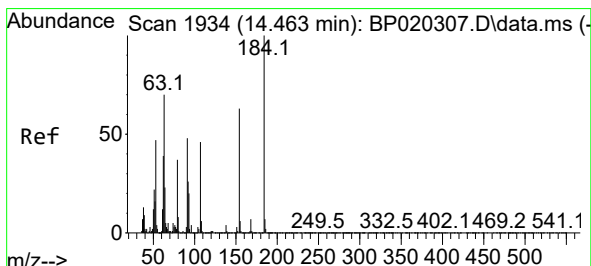
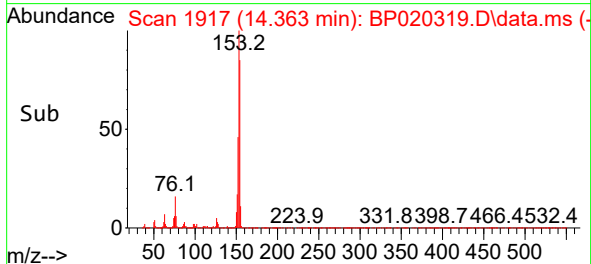
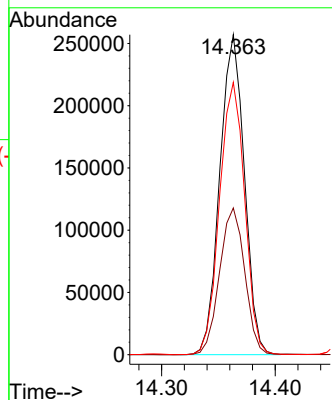
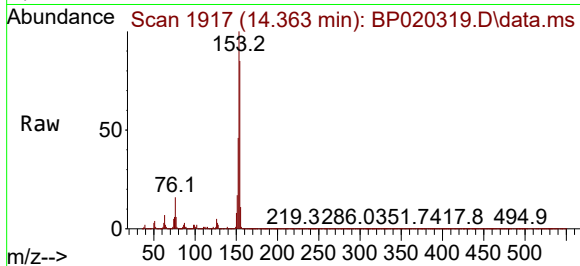




#52
Acenaphthene
Concen: 31.358 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

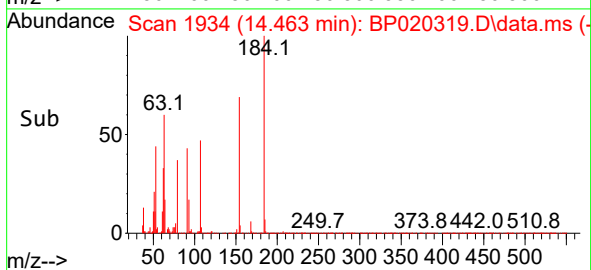
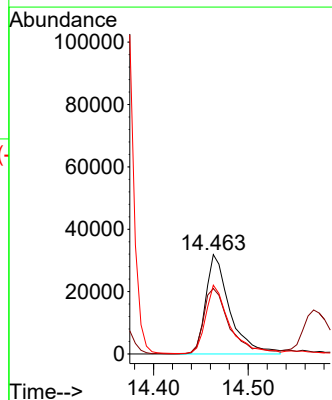
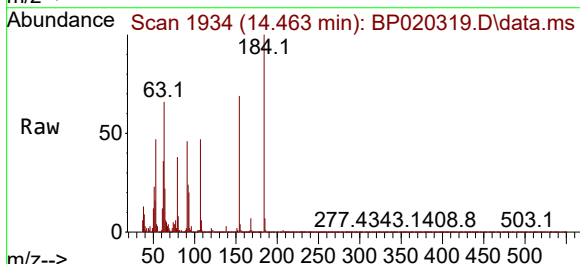
Instrument :
BNA_P
ClientSampleId :
SLCS824

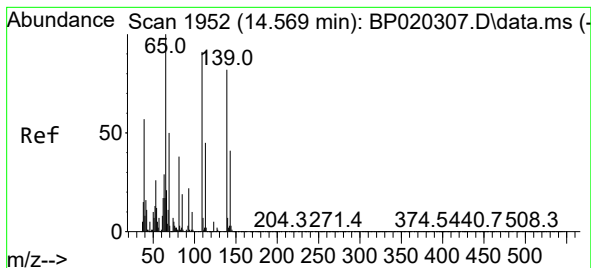
Tgt Ion:153 Resp: 386520
Ion Ratio Lower Upper
153 100
152 45.8 37.4 56.2
154 85.1 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 30.769 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:184 Resp: 55985
Ion Ratio Lower Upper
184 100
63 65.9 65.6 98.4
154 69.2 53.8 80.8

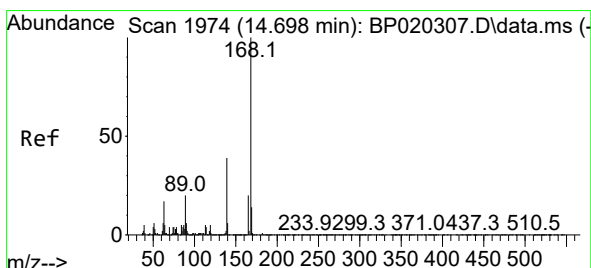
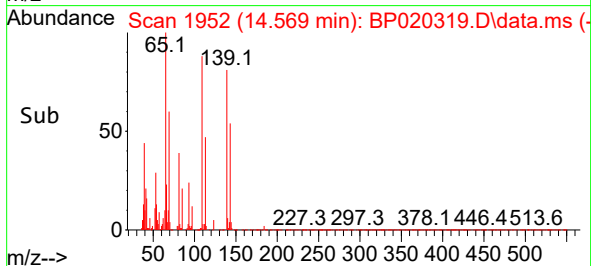
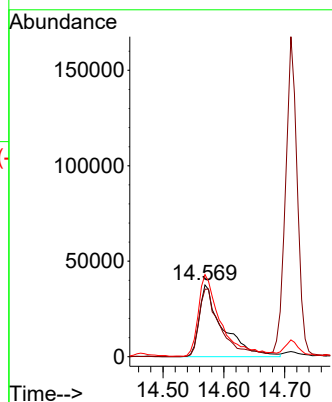
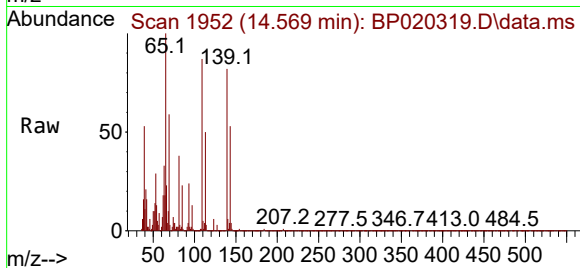




#55
4-Nitrophenol
Concen: 42.293 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

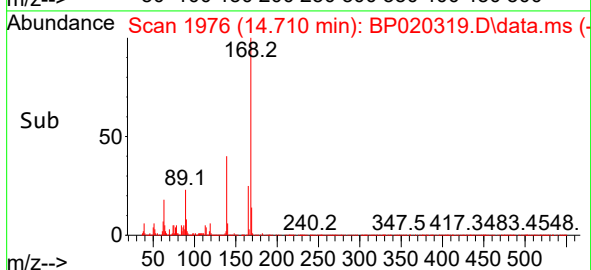
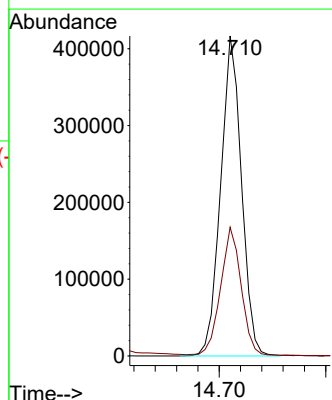
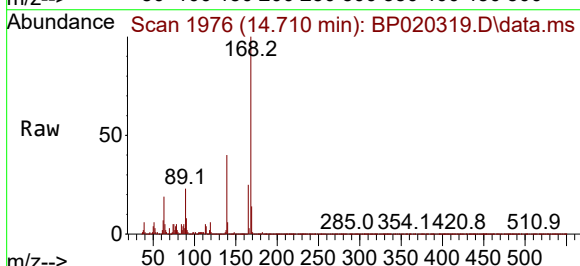
Instrument :
BNA_P
ClientSampleId :
SLCS824

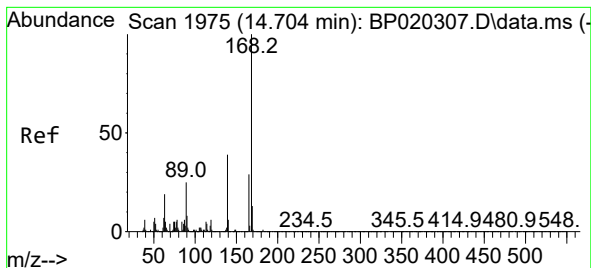
Tgt Ion:109 Resp: 99904
Ion Ratio Lower Upper
109 100
139 94.3 78.4 117.6
65 114.6 101.8 152.6



#56
Dibenzofuran
Concen: 33.298 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:168 Resp: 564485
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1





#57

2,4-Dinitrotoluene

Concen: 37.029 ng/ul

RT: 14.716 min Scan# 1975

Delta R.T. 0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

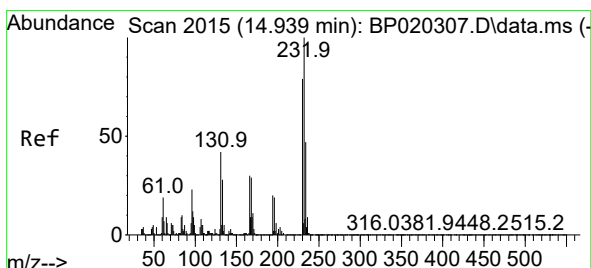
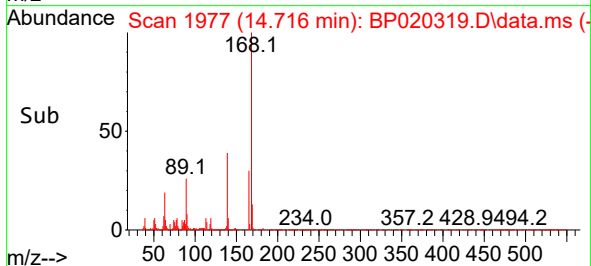
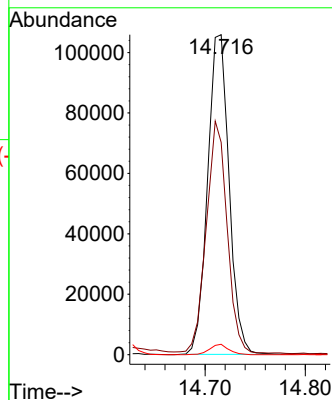
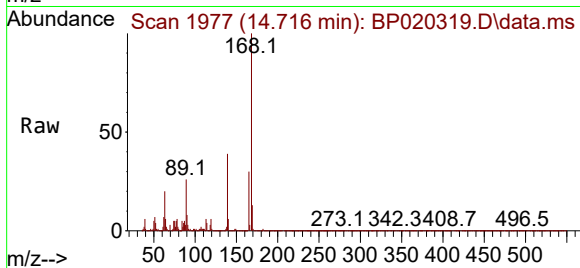
Tgt Ion:165 Resp: 157811

Ion Ratio Lower Upper

165 100

63 66.3 59.7 89.5

182 3.3 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.842 ng/ul

RT: 14.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Tgt Ion:232 Resp: 140750

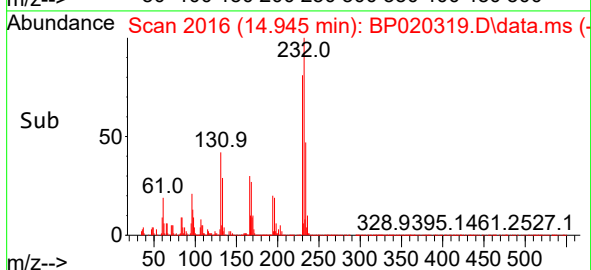
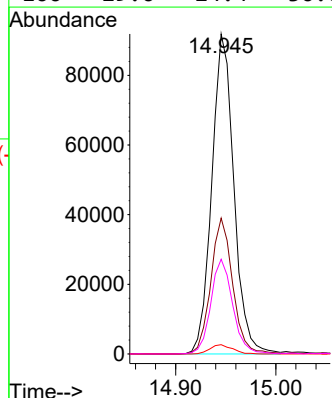
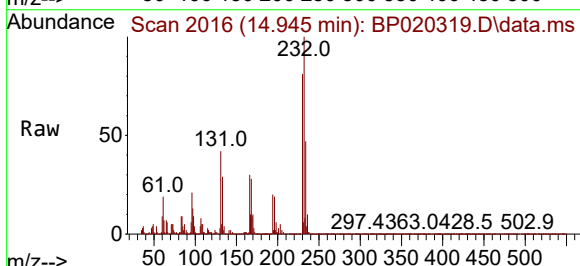
Ion Ratio Lower Upper

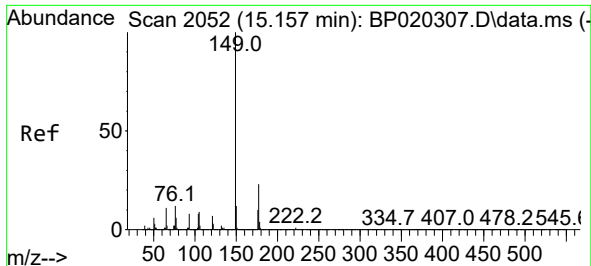
232 100

131 42.4 36.7 55.1

130 2.9 1.9 2.9#

166 29.6 24.4 36.6

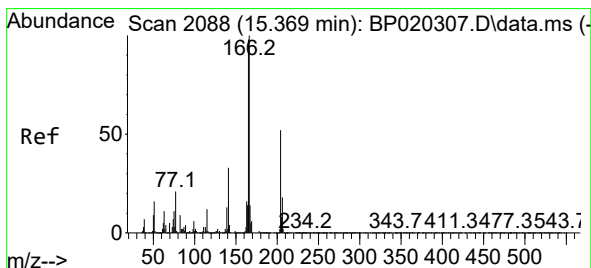
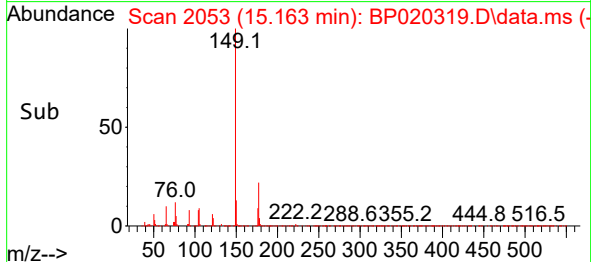
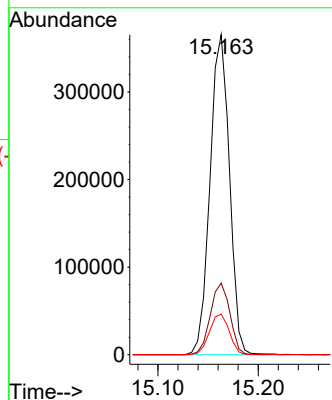
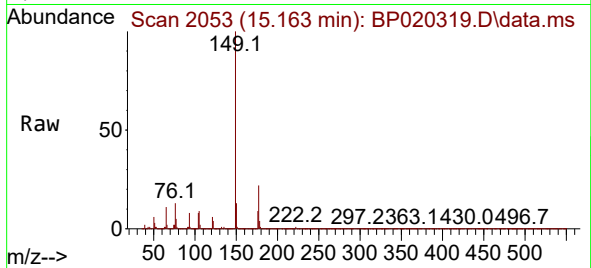




#59
Diethylphthalate
Concen: 33.066 ng/ul
RT: 15.163 min Scan# 2052
Delta R.T. 0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

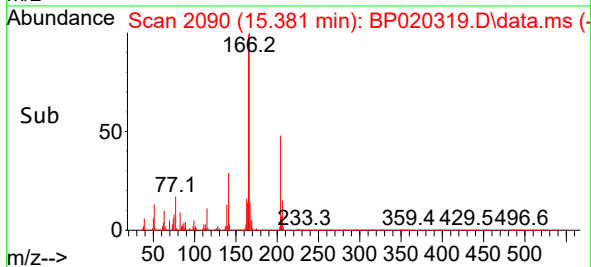
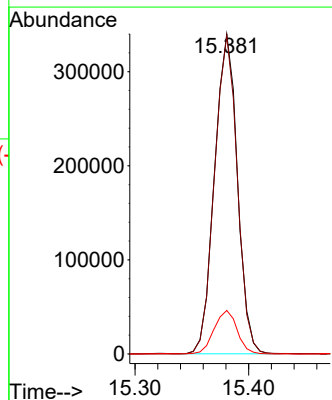
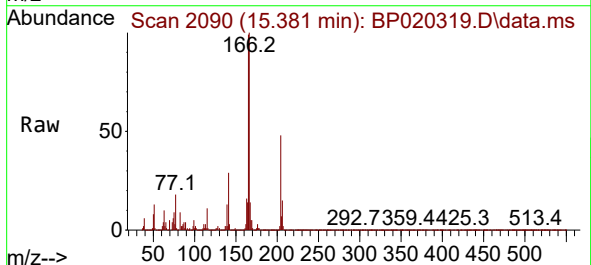
Instrument :
BNA_P
ClientSampleId :
SLCS824

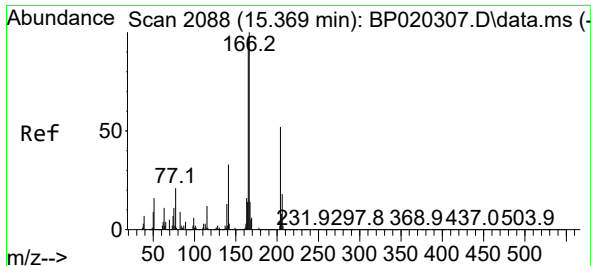
Tgt Ion:149 Resp: 492176
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.7 10.2 15.2



#61
Fluorene
Concen: 33.747 ng/ul
RT: 15.381 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:166 Resp: 475355
Ion Ratio Lower Upper
166 100
165 99.5 76.2 114.2
167 13.6 10.3 15.5





#62

4-Chlorophenyl-phenylether

Concen: 33.552 ng/ul

RT: 15.375 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

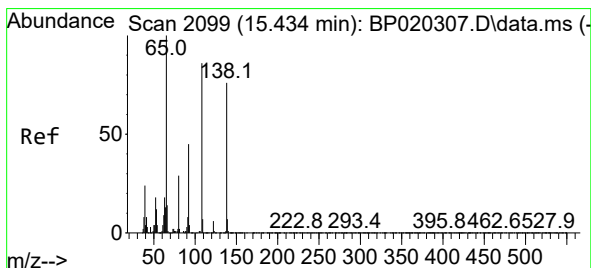
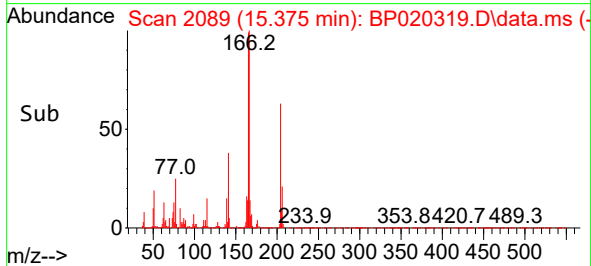
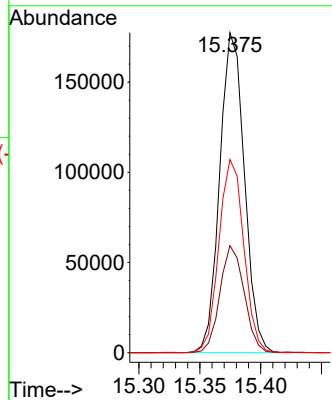
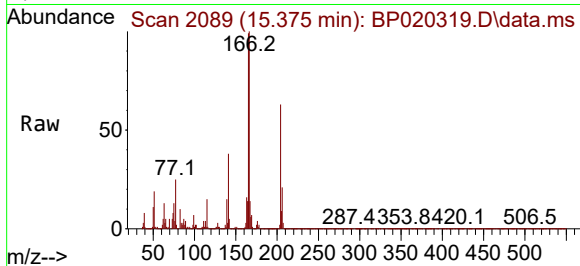
Tgt Ion:204 Resp: 250727

Ion Ratio Lower Upper

204 100

206 33.5 25.4 38.2

141 60.3 53.0 79.6



#63

4-Nitroaniline

Concen: 41.562 ng/ul

RT: 15.440 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

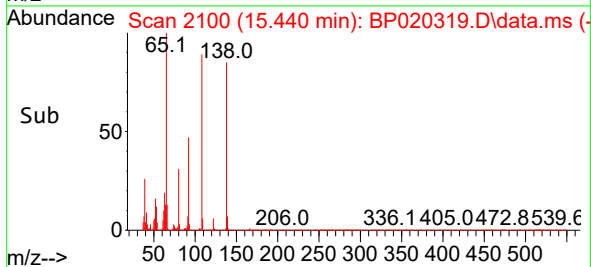
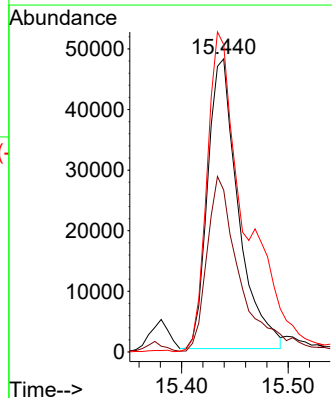
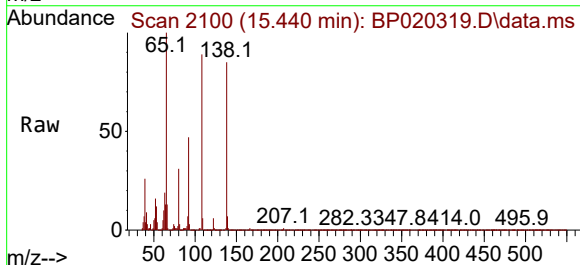
Tgt Ion:138 Resp: 95761

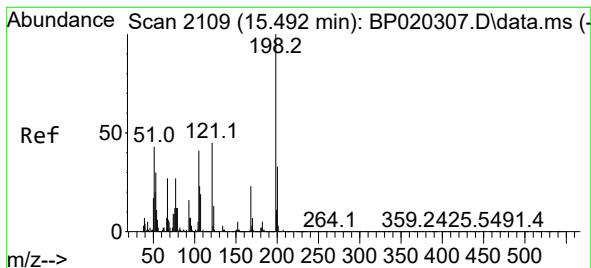
Ion Ratio Lower Upper

138 100

92 55.2 47.6 71.4

108 104.9 90.5 135.7

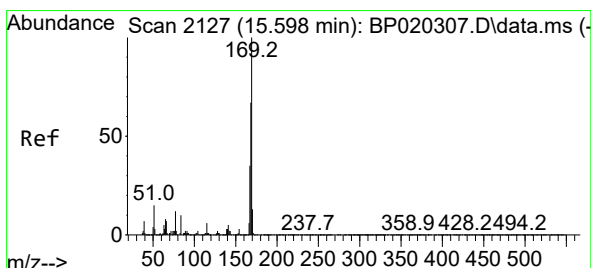
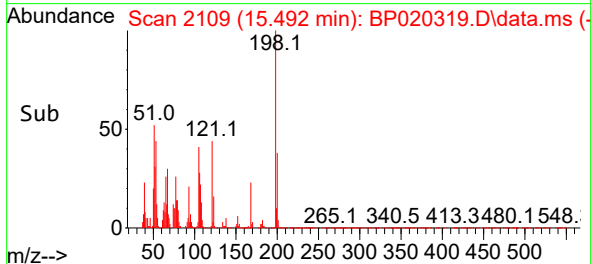
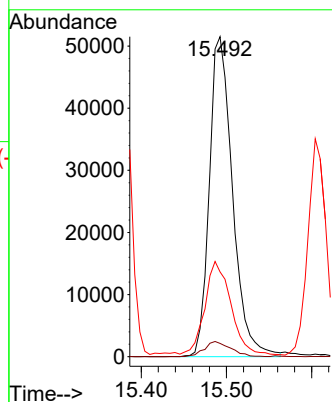
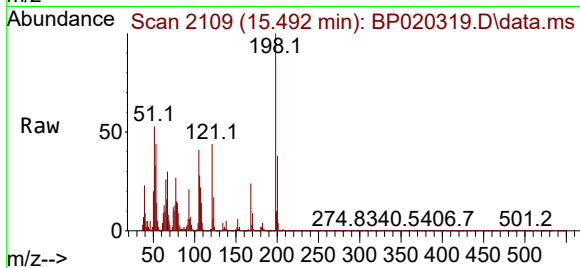




#66
4,6-Dinitro-2-methylphenol
Concen: 32.366 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

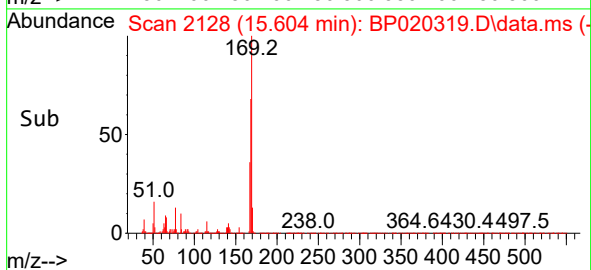
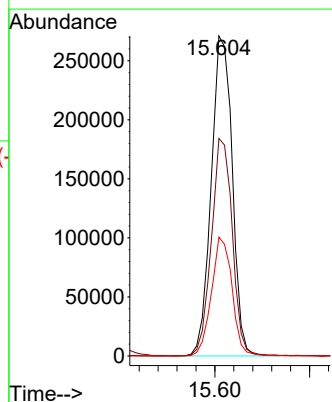
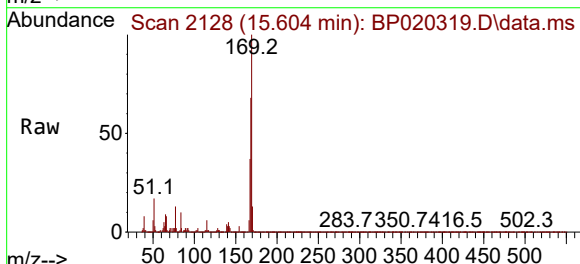
Instrument :
BNA_P
ClientSampleId :
SLCS824

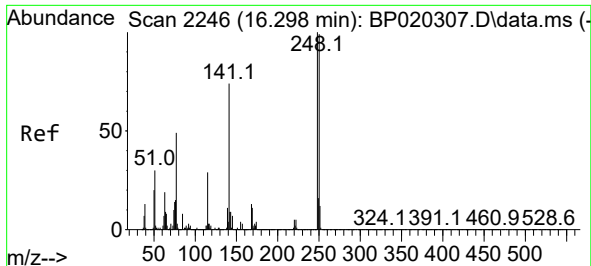
Tgt Ion:198 Resp: 97486
Ion Ratio Lower Upper
198 100
182 4.1 3.3 4.9
77 26.5 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 32.998 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:169 Resp: 418214
Ion Ratio Lower Upper
169 100
168 67.9 54.2 81.2
167 37.1 29.0 43.6

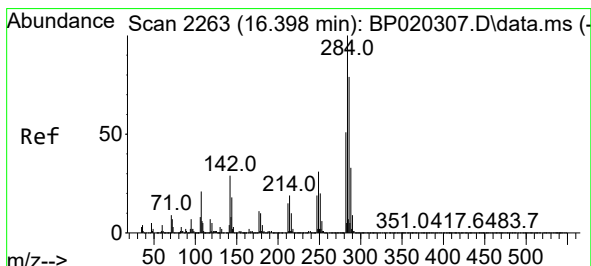
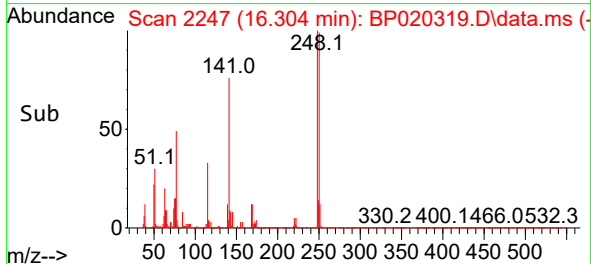
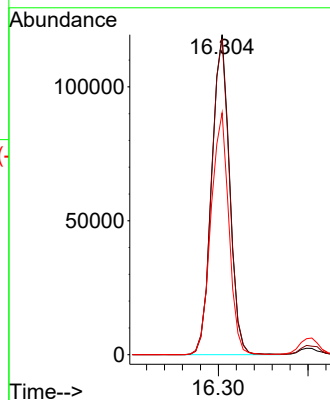
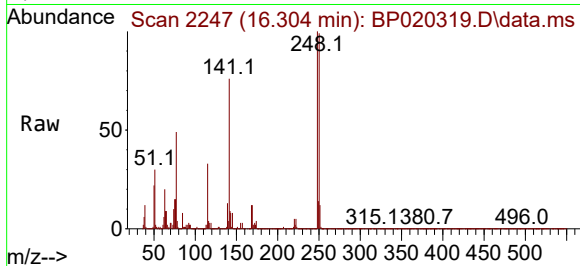




#68
4-Bromophenyl-phenylether
Concen: 33.442 ng/ul
RT: 16.304 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

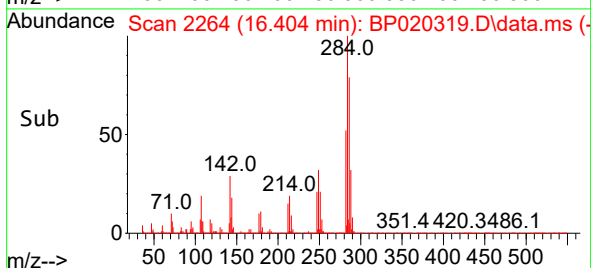
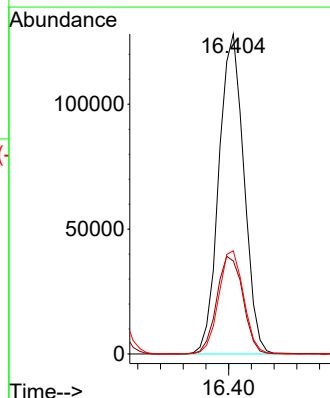
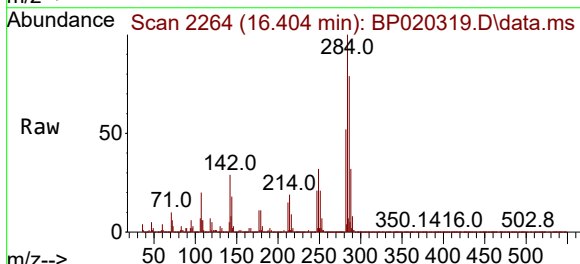
Instrument :
BNA_P
ClientSampleId :
SLCS824

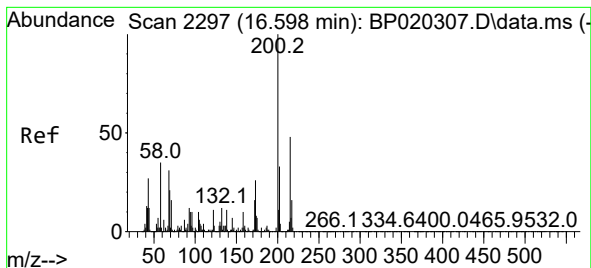
Tgt Ion:248 Resp: 164884
Ion Ratio Lower Upper
248 100
250 98.7 76.2 114.4
141 75.6 57.2 85.8



#69
Hexachlorobenzene
Concen: 34.369 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:284 Resp: 196269
Ion Ratio Lower Upper
284 100
142 29.1 27.8 41.8
249 32.3 25.4 38.0





#70

Atrazine

Concen: 36.180 ng/ul

RT: 16.610 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

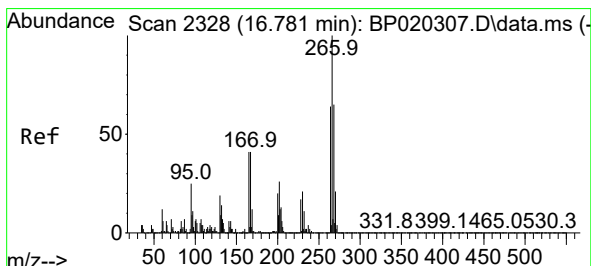
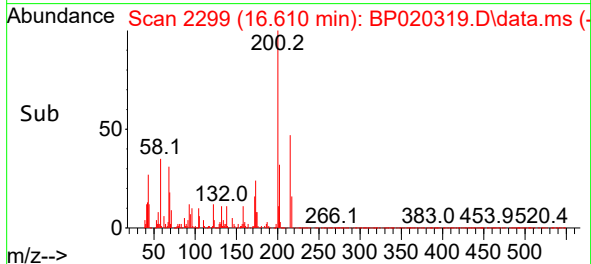
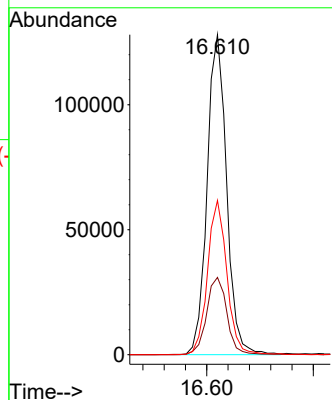
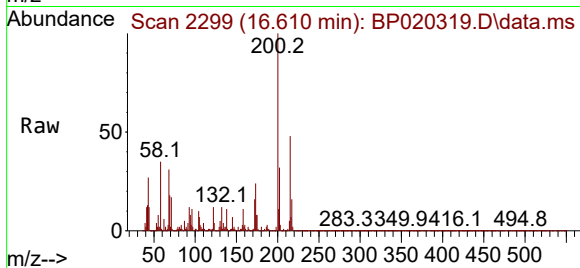
Tgt Ion:200 Resp: 162597

Ion Ratio Lower Upper

200 100

173 24.2 20.3 30.5

215 48.2 37.8 56.8



#71

Pentachlorophenol

Concen: 33.890 ng/ul

RT: 16.775 min Scan# 2327

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

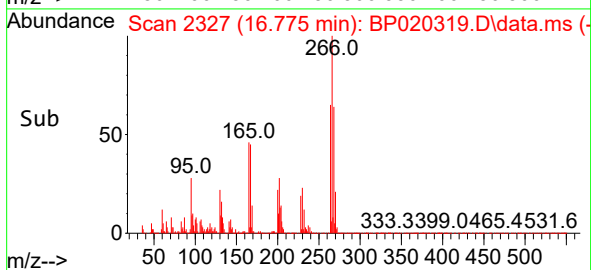
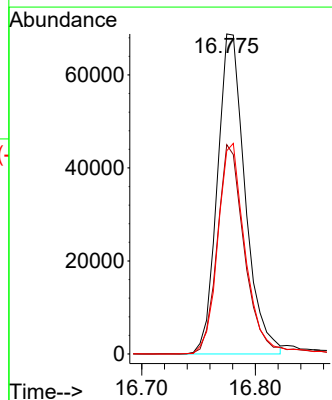
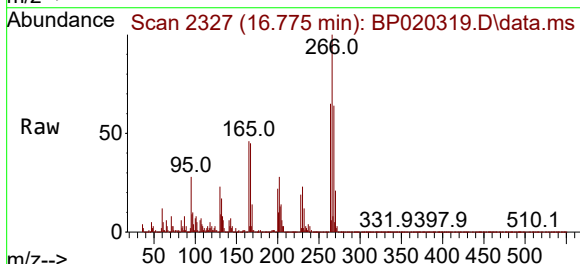
Tgt Ion:266 Resp: 116978

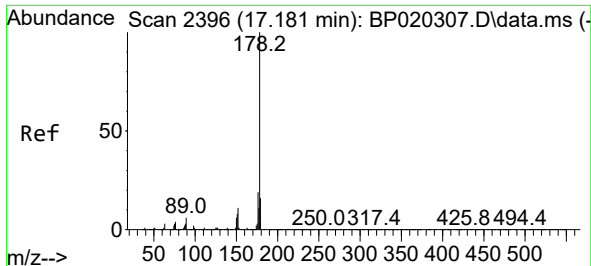
Ion Ratio Lower Upper

266 100

264 65.4 49.8 74.6

268 63.5 50.4 75.6

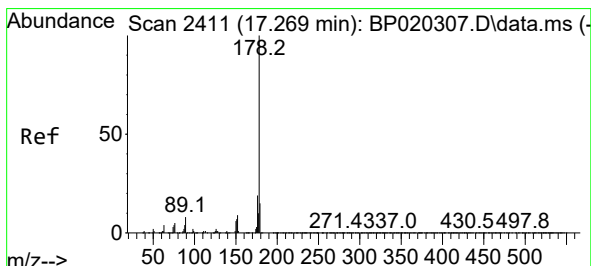
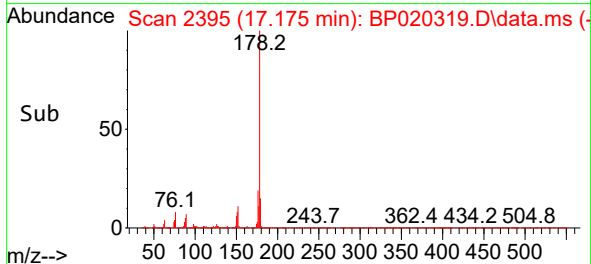
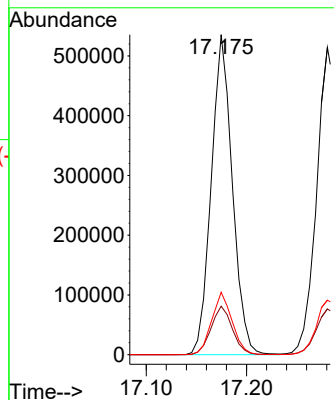
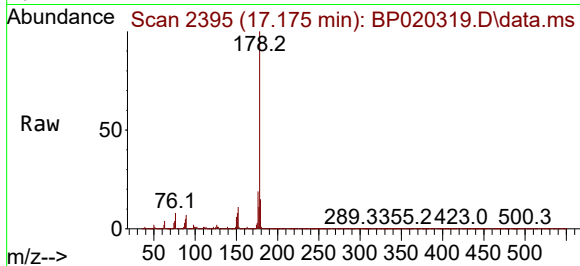




#72
Phenanthrene
Concen: 33.700 ng/ul
RT: 17.175 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

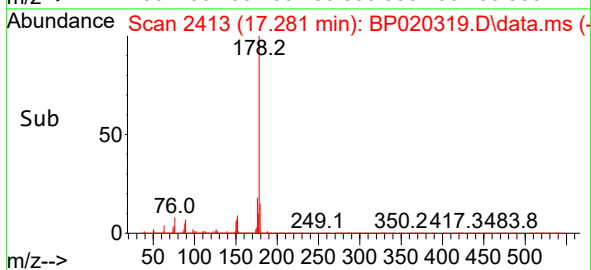
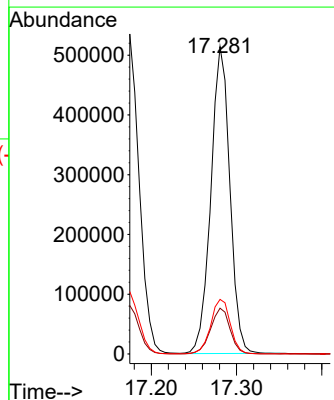
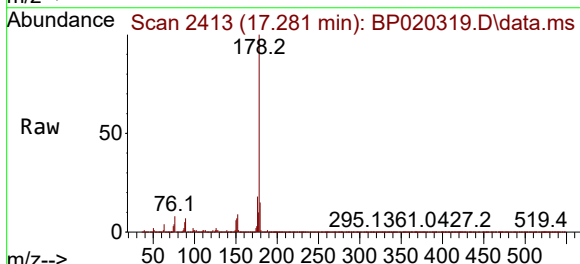
Instrument :
BNA_P
ClientSampleId :
SLCS824

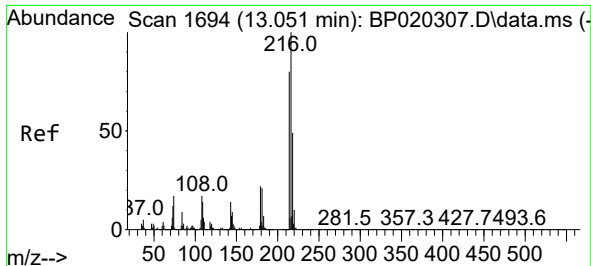
Tgt Ion:178 Resp: 782661
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.6
176 19.5 15.2 22.8



#74
Anthracene
Concen: 33.674 ng/ul
RT: 17.281 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:178 Resp: 795428
Ion Ratio Lower Upper
178 100
179 14.9 12.0 18.0
176 17.8 14.8 22.2

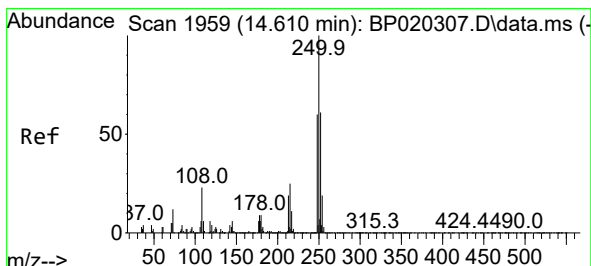
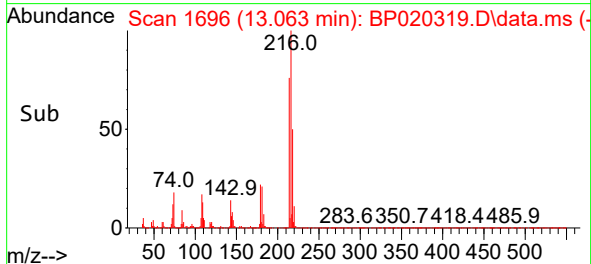
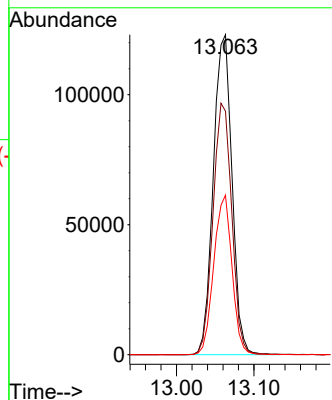
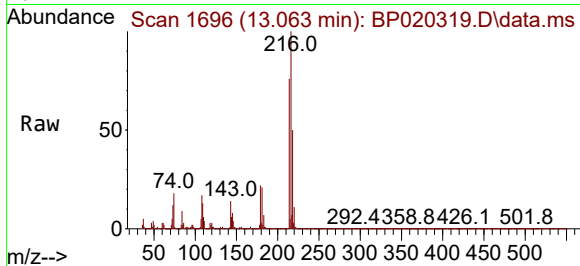




#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.509 ng/uL
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

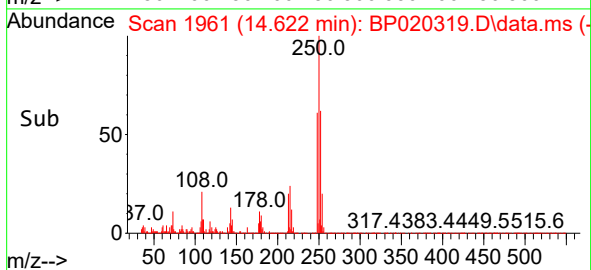
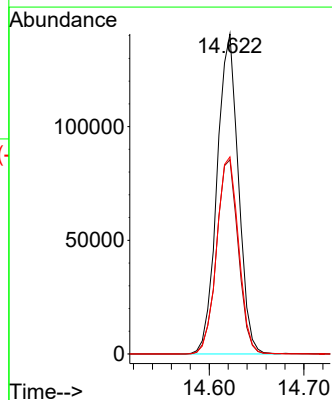
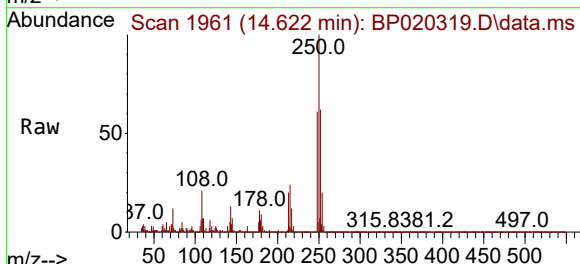
Instrument :
BNA_P
ClientSampleId :
SLCS824

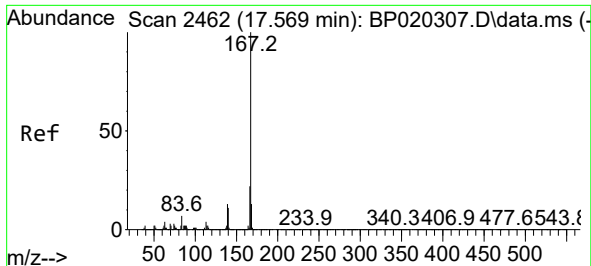
Tgt Ion:216 Resp: 206399
Ion Ratio Lower Upper
216 100
214 76.1 60.1 90.1
218 49.9 38.7 58.1



#76
Pentachlorobenzene
Concen: 32.547 ng/uL
RT: 14.622 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:250 Resp: 220341
Ion Ratio Lower Upper
250 100
248 60.7 51.0 76.6
252 61.6 52.1 78.1

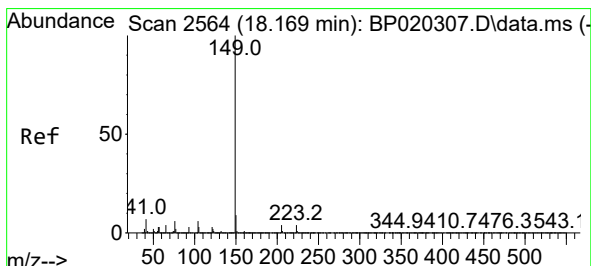
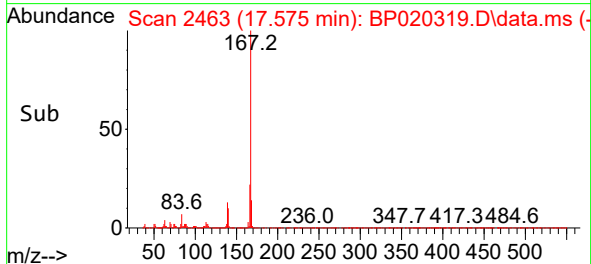
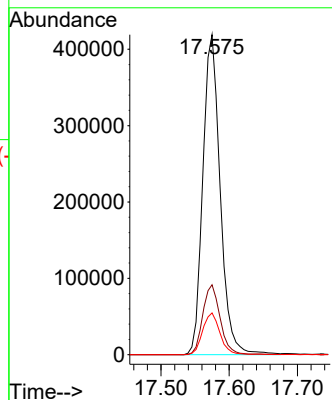
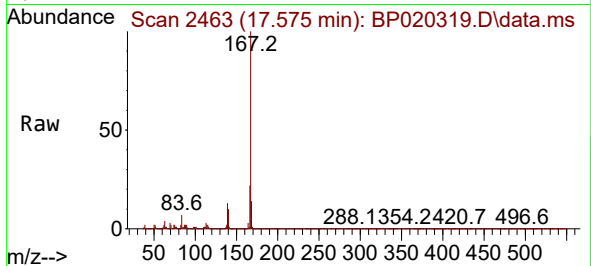




#77
 Carbazole
 Concen: 36.524 ng/ul
 RT: 17.575 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BP020319.D
 Acq: 11 May 2024 12:08

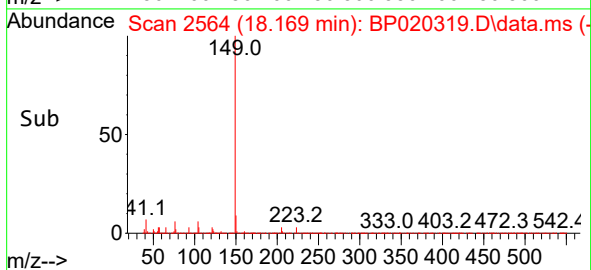
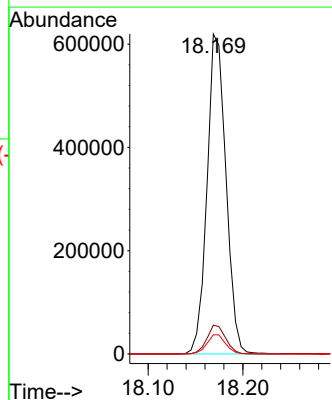
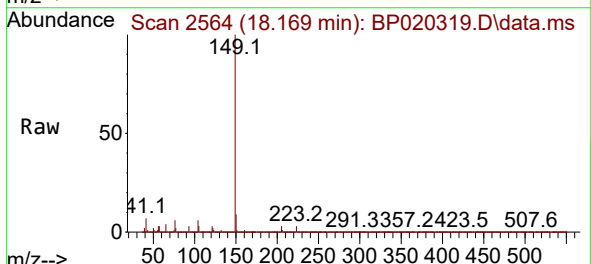
Instrument :
 BNA_P
 ClientSampleId :
 SLCS824

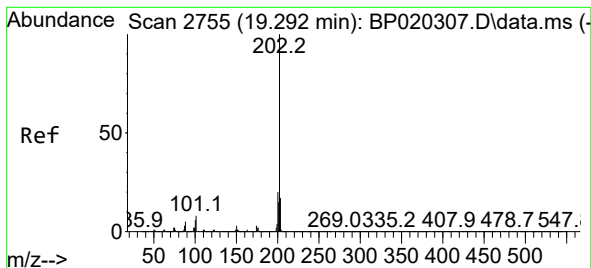
Tgt Ion:	167	Resp:	743236
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.1	11.0	16.4



#78
 Di-n-butylphthalate
 Concen: 34.947 ng/ul
 RT: 18.169 min Scan# 2564
 Delta R.T. -0.006 min
 Lab File: BP020319.D
 Acq: 11 May 2024 12:08

Tgt Ion:	149	Resp:	861972
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.0	5.0	7.6





#80

Fluoranthene

Concen: 29.676 ng/ul

RT: 19.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

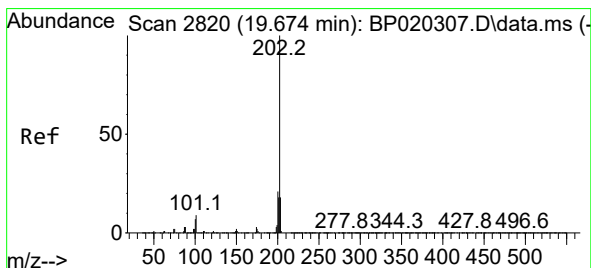
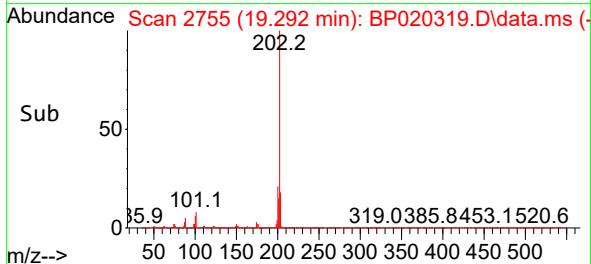
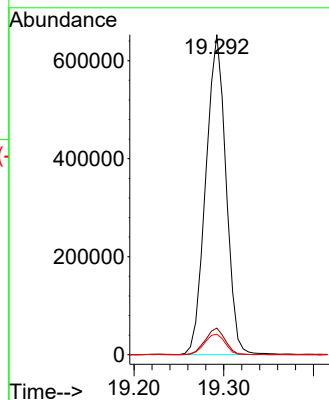
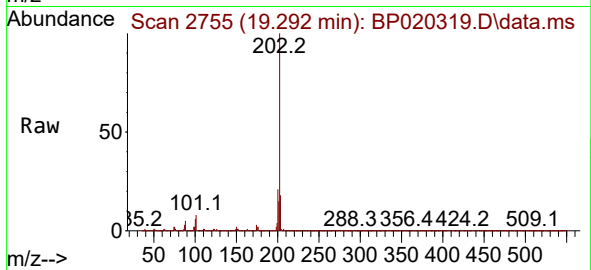
Tgt Ion:202 Resp: 1019080

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.4

100 6.4 5.5 8.3



#82

Pyrene

Concen: 30.333 ng/ul

RT: 19.675 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

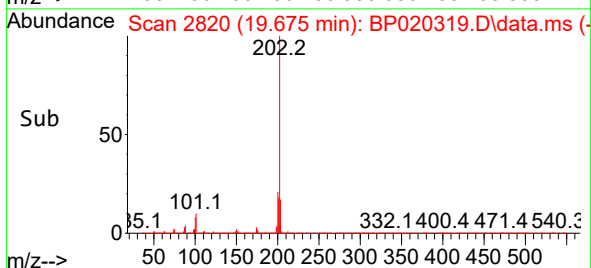
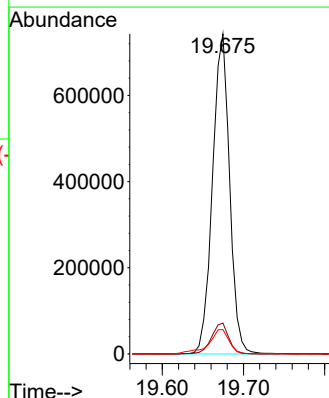
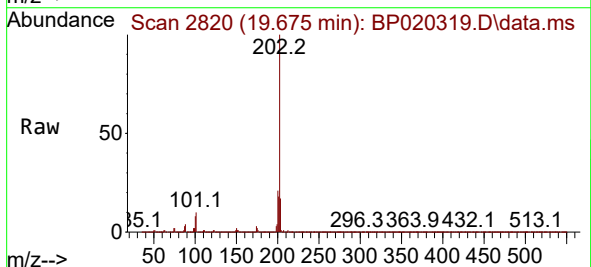
Tgt Ion:202 Resp: 1083804

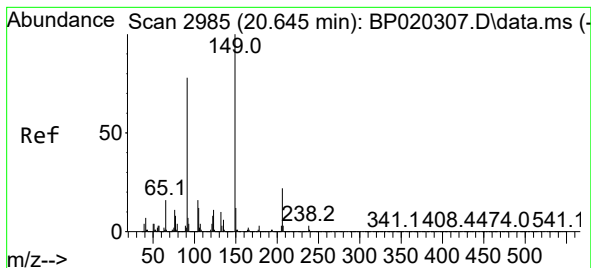
Ion Ratio Lower Upper

202 100

101 9.6 8.1 12.1

100 7.6 6.8 10.2





#83

Butylbenzylphthalate

Concen: 31.431 ng/ul

RT: 20.651 min Scan# 2986

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

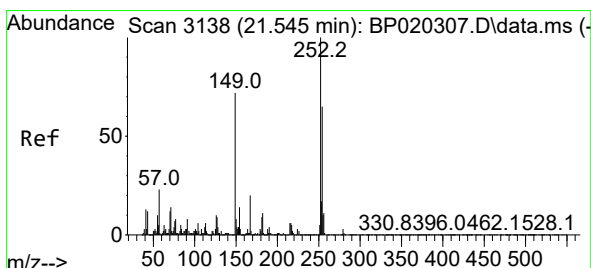
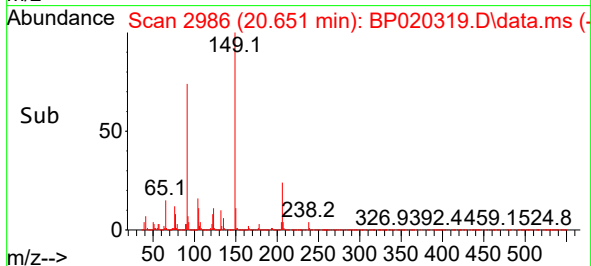
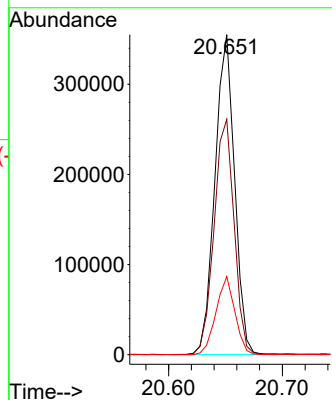
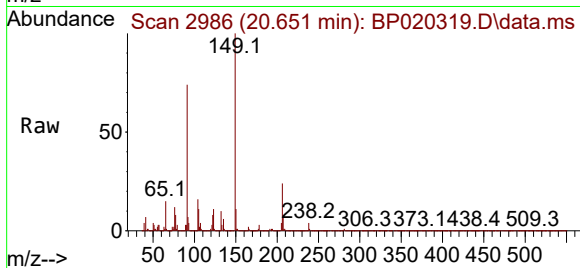
Tgt Ion:149 Resp: 426312

Ion Ratio Lower Upper

149 100

91 73.5 62.7 94.1

206 24.4 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 36.159 ng/ul

RT: 21.545 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

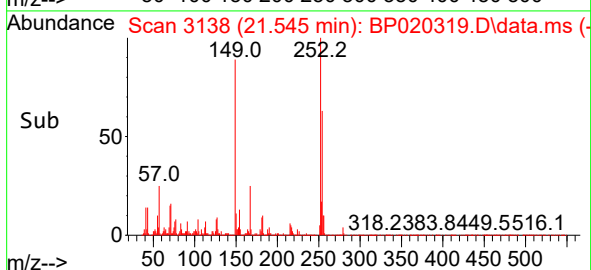
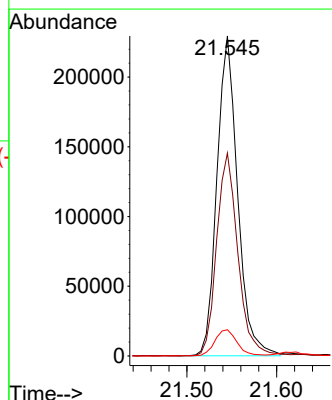
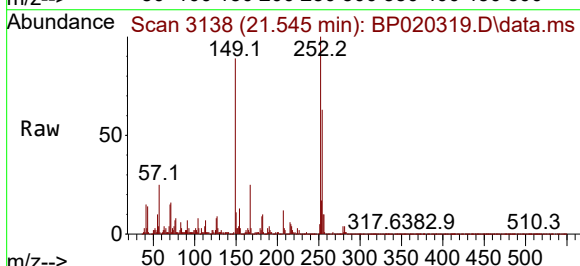
Tgt Ion:252 Resp: 367346

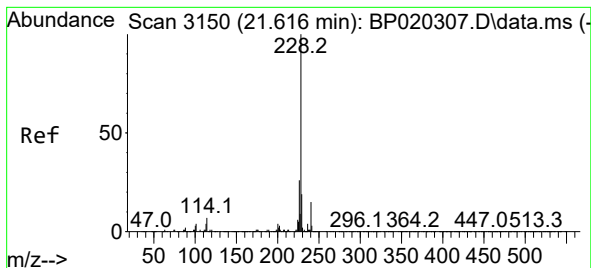
Ion Ratio Lower Upper

252 100

254 63.4 50.2 75.4

126 8.2 7.3 10.9





#85

Benzo(a)anthracene

Concen: 34.450 ng/ul

RT: 21.616 min Scan# 3150

Delta R.T. -0.000 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

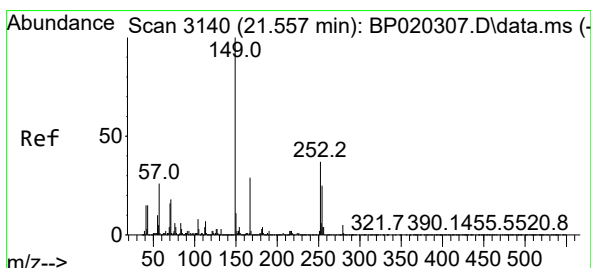
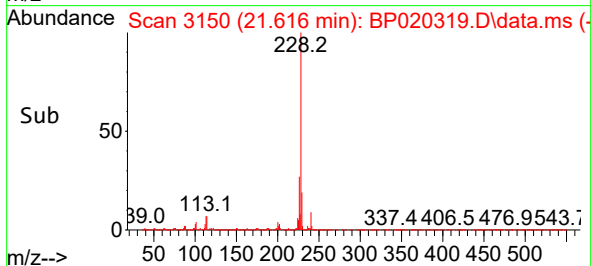
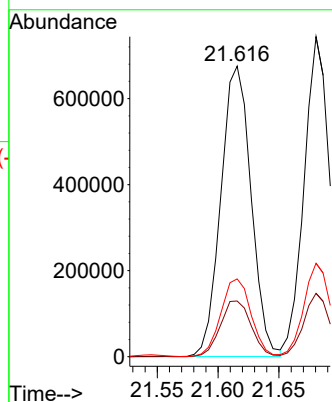
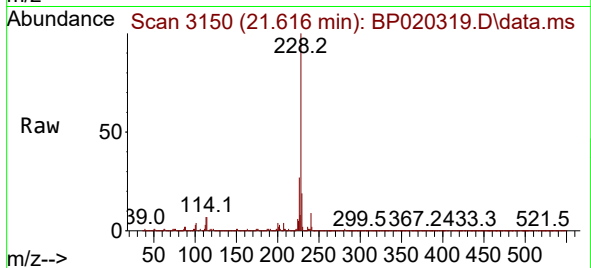
Tgt Ion:228 Resp: 1166379

Ion Ratio Lower Upper

228 100

229 19.1 15.8 23.8

226 26.8 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.715 ng/ul

RT: 21.557 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

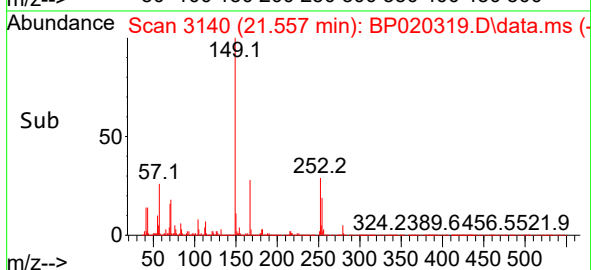
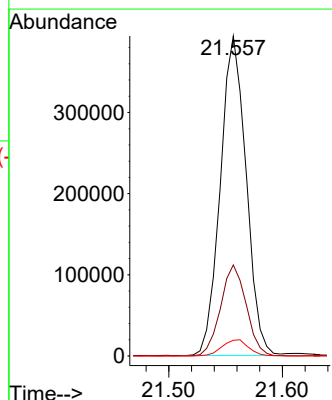
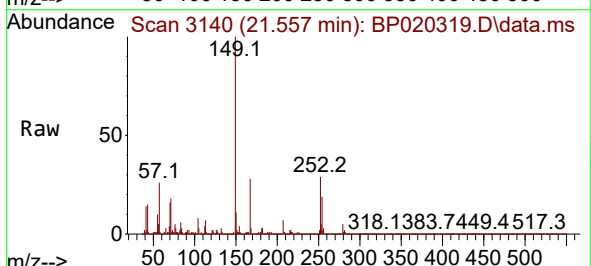
Tgt Ion:149 Resp: 620560

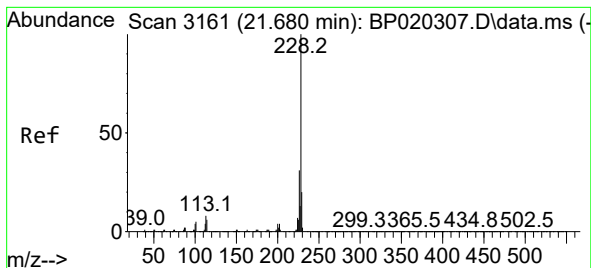
Ion Ratio Lower Upper

149 100

167 28.4 21.4 32.0

279 4.9 3.4 5.2





#87

Chrysene

Concen: 34.916 ng/ul

RT: 21.680 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

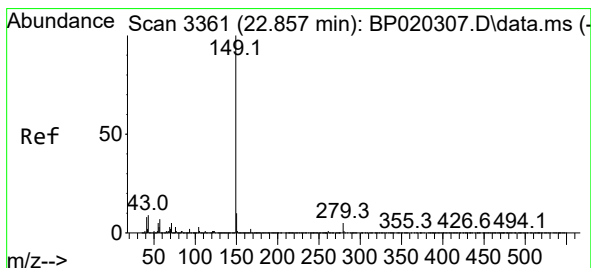
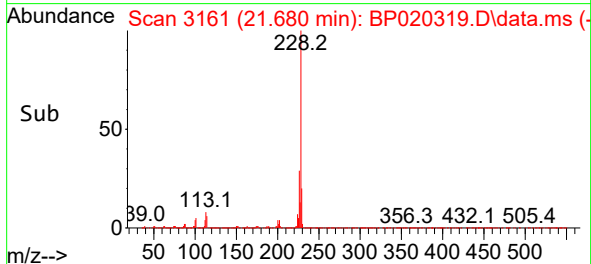
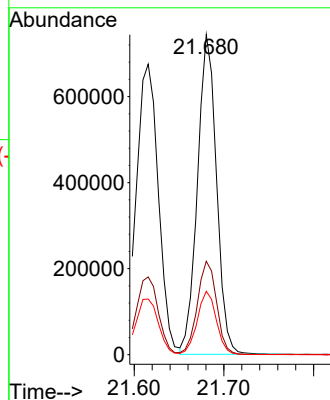
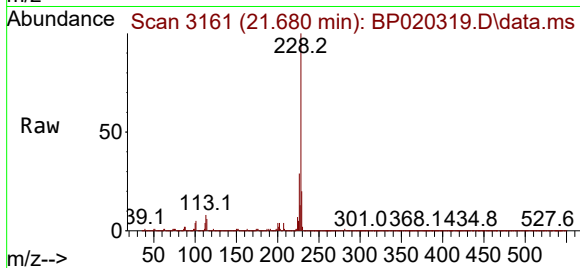
Tgt Ion:228 Resp: 1095675

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

229 19.8 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 30.447 ng/ul

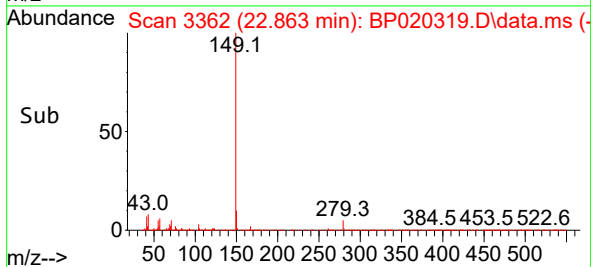
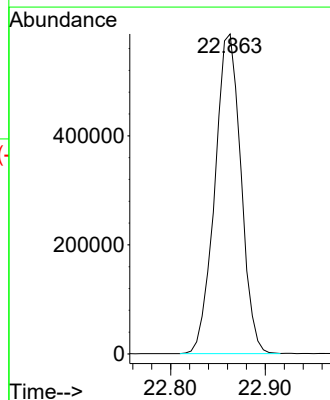
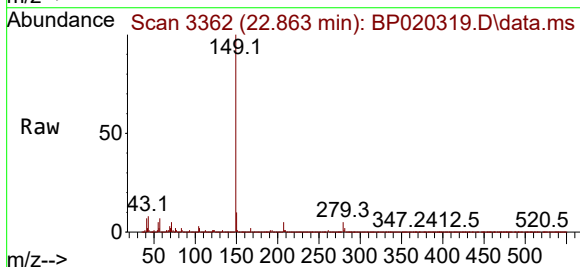
RT: 22.863 min Scan# 3362

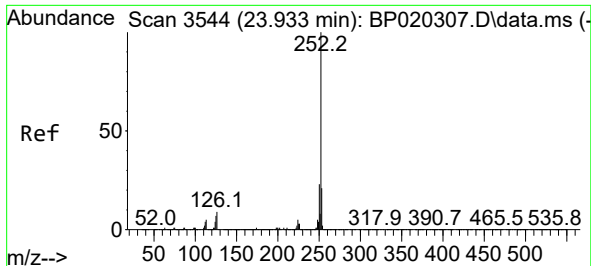
Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Tgt Ion:149 Resp: 1121314

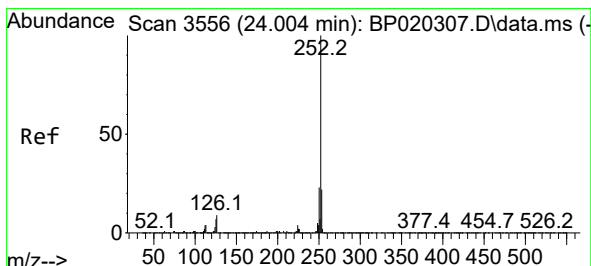
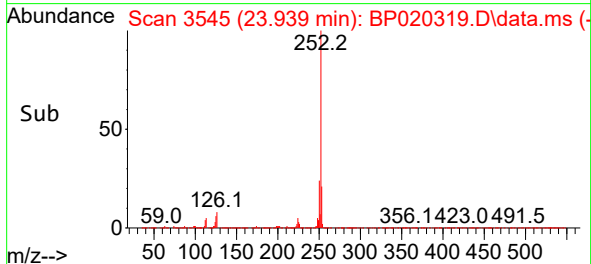
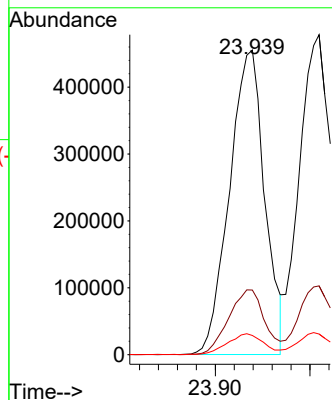
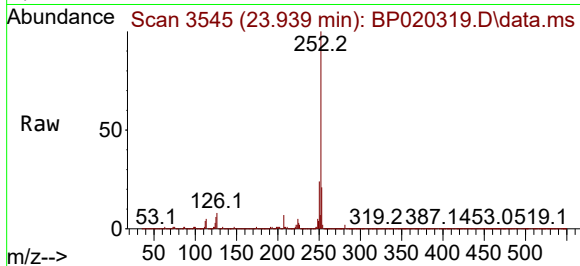




#90
Benzo(b)fluoranthene
Concen: 34.325 ng/ul
RT: 23.939 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

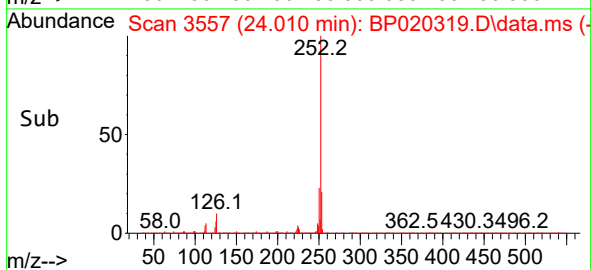
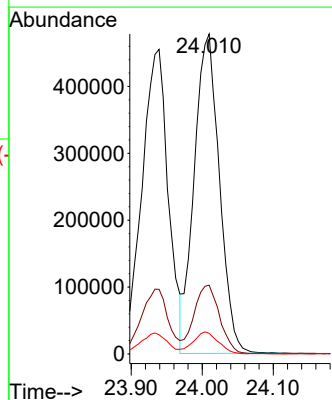
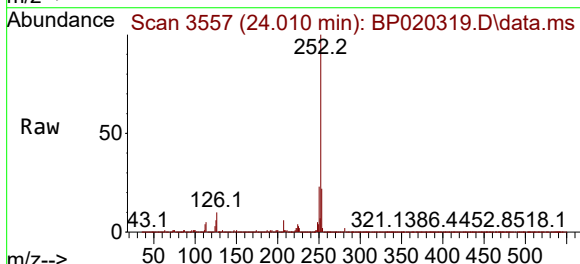
Instrument :
BNA_P
ClientSampleId :
SLCS824

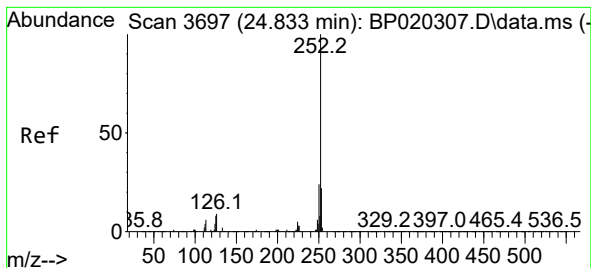
Tgt Ion:252 Resp: 1174172
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 6.3 6.2 9.2



#91
Benzo(k)fluoranthene
Concen: 33.831 ng/ul
RT: 24.010 min Scan# 3557
Delta R.T. -0.000 min
Lab File: BP020319.D
Acq: 11 May 2024 12:08

Tgt Ion:252 Resp: 1179406
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 6.4 5.6 8.4





#93

Benzo(a)pyrene

Concen: 30.972 ng/ul

RT: 24.851 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

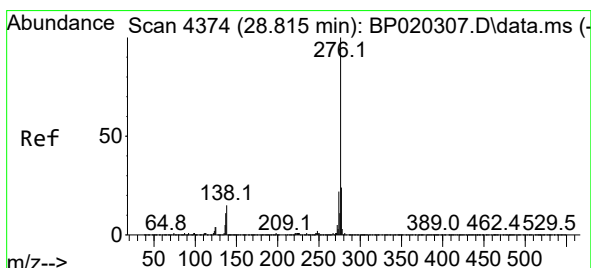
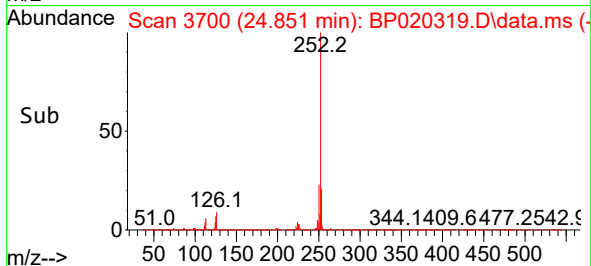
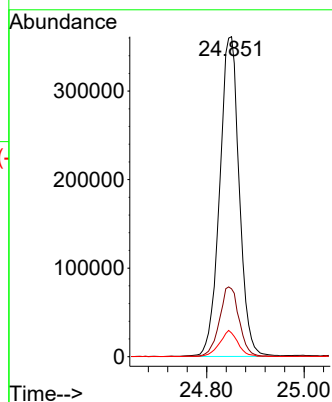
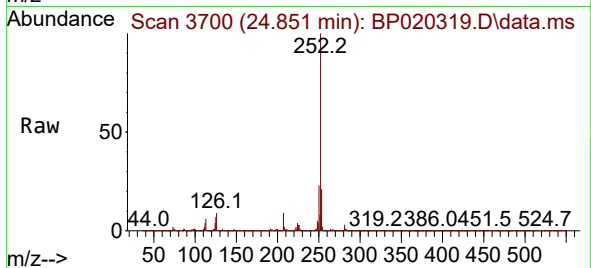
Tgt Ion:252 Resp: 1008119

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 7.4 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.441 ng/ul

RT: 28.827 min Scan# 4376

Delta R.T. -0.006 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

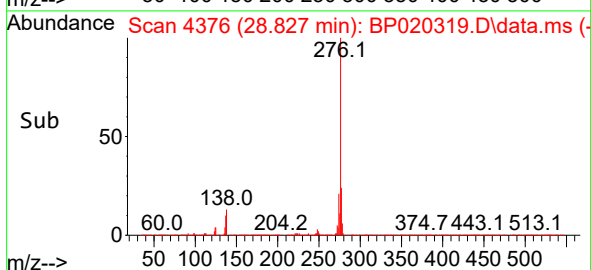
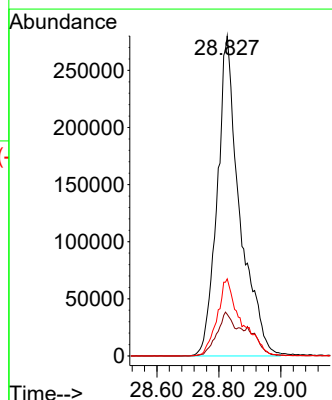
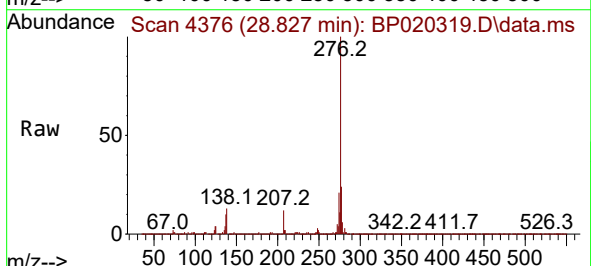
Tgt Ion:276 Resp: 1414136

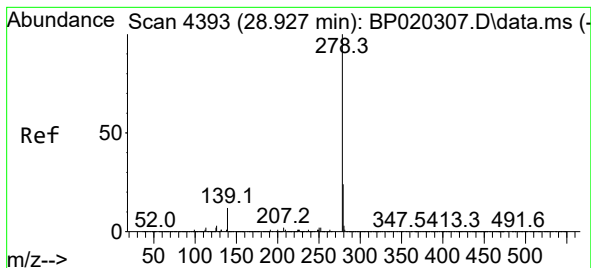
Ion Ratio Lower Upper

276 100

138 13.0 12.3 18.5

277 24.1 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 34.726 ng/ul

RT: 28.898 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Instrument :

BNA_P

ClientSampleId :

SLCS824

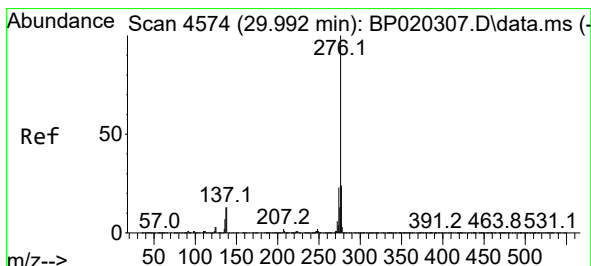
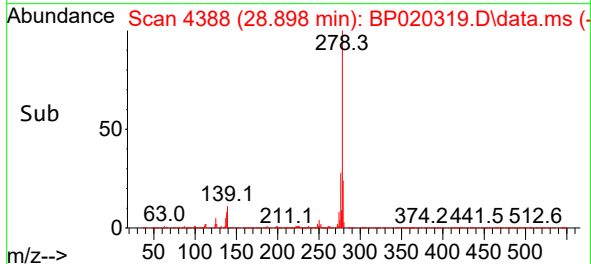
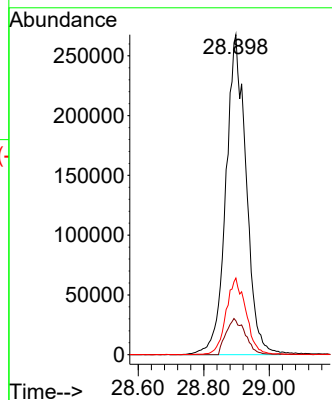
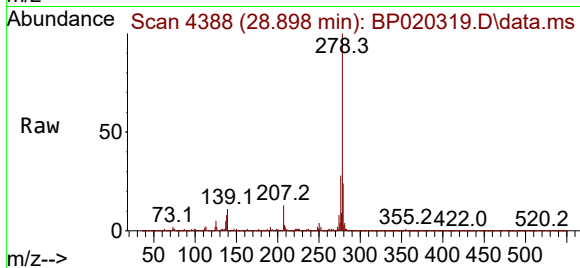
Tgt Ion:278 Resp: 1146079

Ion Ratio Lower Upper

278 100

139 10.6 10.2 15.2

279 23.9 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 16.017 ng/ul

RT: 29.998 min Scan# 4575

Delta R.T. -0.012 min

Lab File: BP020319.D

Acq: 11 May 2024 12:08

Tgt Ion:276 Resp: 515435

Ion Ratio Lower Upper

276 100

138 15.2 11.6 17.4

277 23.7 19.4 29.0

