

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020323.D
 Acq On : 11 May 2024 15:45
 Operator : MA/JU
 Sample : PB160819BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS819

Quant Time: May 12 23:13:42 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	7.610	152	61561	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	254811	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	183496	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.121	188	403574	20.000	ng/u1	-0.02
79) Chrysene-d12	21.621	240	441088	20.000	ng/u1	-0.02
88) Perylene-d12	24.992	264	503694	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	43	0.029	ng/uL	0.14
4) Pyridine-d5	3.610	84	114350	26.999	ng/u1	0.00
7) Phenol-d5	6.804	99	156460	29.594	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	91148	28.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	123836	32.766	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	129308	30.253	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	61497	32.230	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	72472	33.167	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.022	165	137166	34.400	ng/u1	0.00
31) 4-Chloroaniline-d4	10.539	131	169334	30.343	ng/u1	-0.01
46) Dimethylphthalate-d6	13.698	166	440489	32.872	ng/u1	-0.01
49) Acenaphthylene-d8	13.969	160	477617	32.266	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.545	143	57939	28.133	ng/u1	0.00
60) Fluorene-d10	15.304	176	365942	32.741	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.463	200	81015	31.635	ng/u1	-0.02
73) Anthracene-d10	17.221	188	620137	35.520	ng/u1	-0.02
81) Pyrene-d10	19.621	212	775104	30.062	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.750	264	521152	21.399	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	17493	10.576	ng/uL	96
5) Pyridine	3.628	79	117198	27.358	ng/u1	92
6) Benzaldehyde	6.793	77	95744	36.030	ng/u1	98
8) Phenol	6.828	94	164832	30.207	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.057	93	119410	27.966	ng/u1	99
12) 2-Chlorophenol	7.181	128	124693	31.600	ng/u1	96
13) 2-Methylphenol	8.057	108	120323	29.562	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.134	45	142827	26.815	ng/u1	98
16) Acetophenone	8.445	105	204797	28.869	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	108066	28.072	ng/u1	93
18) 4-Methylphenol	8.387	108	131851	29.804	ng/u1	96
19) Hexachloroethane	8.657	117	52804	29.262	ng/u1	92
22) Nitrobenzene	8.816	77	166030	30.311	ng/u1	98
23) Isophorone	9.334	82	301952	28.668	ng/u1	99
25) 2-Nitrophenol	9.516	139	75585	33.395	ng/u1	90
26) 2,4-Dimethylphenol	9.575	107	146370	29.642	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.816	93	165606	28.361	ng/u1	98
29) 2,4-Dichlorophenol	10.051	162	133430	34.402	ng/u1	97
30) Naphthalene	10.434	128	406974	30.986	ng/u1	99
32) 4-Chloroaniline	10.569	127	159374	29.204	ng/u1	98
33) Hexachlorobutadiene	10.692	225	96056	31.886	ng/u1	98
34) Caprolactam	11.381	113	44482	32.846	ng/u1	90
35) 4-Chloro-3-methylphenol	11.710	107	161531	33.450	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	290095	31.745	ng/u1	94

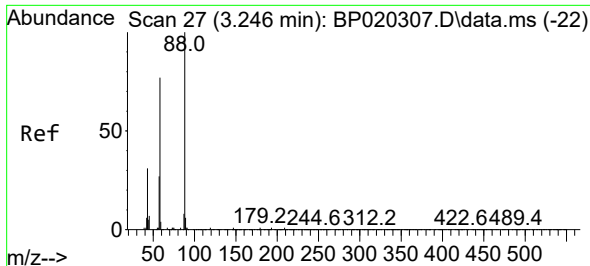
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	291553	31.704	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.433	216	187281	32.726	ng/ul	97
40) Hexachlorocyclopentadiene	12.392	237	53938	17.330	ng/ul	95
41) 2,4,6-Trichlorophenol	12.692	196	119399	33.270	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	129542	33.545	ng/ul	93
43) 1,1'-Biphenyl	13.092	154	398801	30.728	ng/ul	99
44) 2-Chloronaphthalene	13.133	162	316729	30.755	ng/ul	97
45) 2-Nitroaniline	13.369	65	110708	32.408	ng/ul	97
47) Dimethylphthalate	13.751	163	429053	31.699	ng/ul	99
48) 2,6-Dinitrotoluene	13.880	165	89810	33.377	ng/ul	96
50) Acenaphthylene	13.998	152	515094	30.938	ng/ul	100
51) 3-Nitroaniline	14.233	138	84451	33.651	ng/ul	97
52) Acenaphthene	14.351	153	339193	30.316	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	44813	27.133	ng/ul	94
55) 4-Nitrophenol	14.563	109	61234	28.558	ng/ul	93
56) Dibenzofuran	14.698	168	504578	32.790	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	138479	35.796	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.933	232	124178	35.809	ng/ul	96
59) Diethylphthalate	15.151	149	436638	32.317	ng/ul	99
61) Fluorene	15.357	166	419233	32.789	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	224680	33.123	ng/ul	94
63) 4-Nitroaniline	15.422	138	83126	39.746	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.480	198	82378	30.848	ng/ul	97
67) N-Nitrosodiphenylamine	15.592	169	367785	32.730	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	145970	33.392	ng/ul	92
69) Hexachlorobenzene	16.386	284	172834	34.136	ng/ul	98
70) Atrazine	16.586	200	145020	36.396	ng/ul	99
71) Pentachlorophenol	16.763	266	103315	33.760	ng/ul	98
72) Phenanthrene	17.163	178	689468	33.484	ng/ul	98
74) Anthracene	17.257	178	695263	33.198	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	183040	30.517	ng/uL	96
76) Pentachlorobenzene	14.610	250	195537	32.577	ng/uL	98
77) Carbazole	17.557	167	630357	34.939	ng/ul	99
78) Di-n-butylphthalate	18.151	149	740094	33.843	ng/ul	99
80) Fluoranthene	19.274	202	878854	28.963	ng/ul	98
82) Pyrene	19.657	202	935902	29.644	ng/ul	97
83) Butylbenzylphthalate	20.633	149	349835	29.190	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.539	252	304421	33.911	ng/ul	99
85) Benzo(a)anthracene	21.604	228	969580	32.409	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	520361	30.097	ng/ul	99
87) Chrysene	21.668	228	919527	33.162	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	882686	27.363	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	981110	32.744	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	983266	32.201	ng/ul	100
93) Benzo(a)pyrene	24.827	252	841533	29.518	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.797	276	986616	28.230	ng/ul	99
95) Dibenzo(a,h)anthracene	28.886	278	927560	32.087	ng/ul	98
96) Benzo(g,h,i)perylene	29.997	276	916399	32.511	ng/ul	100

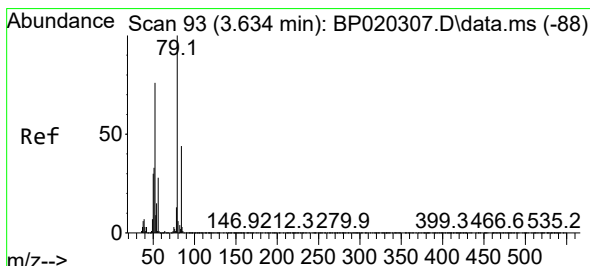
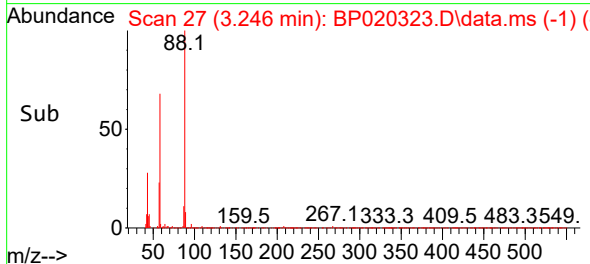
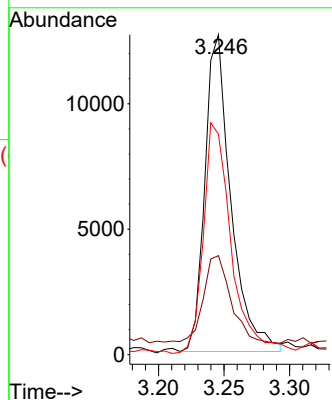
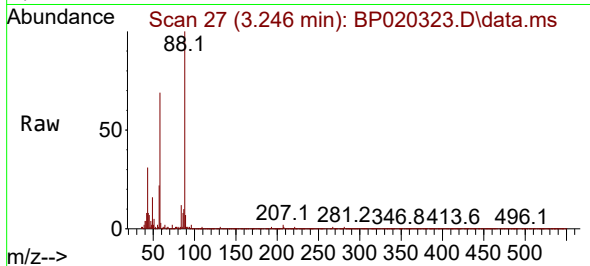
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#2
1,4-Dioxane
Concen: 10.576 ng/uL
RT: 3.246 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

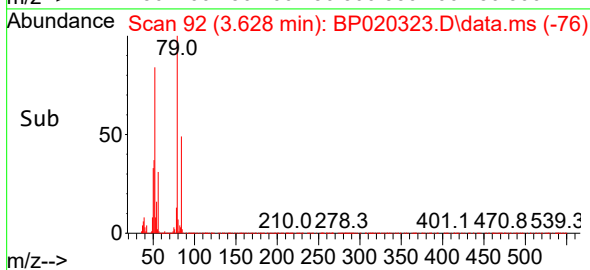
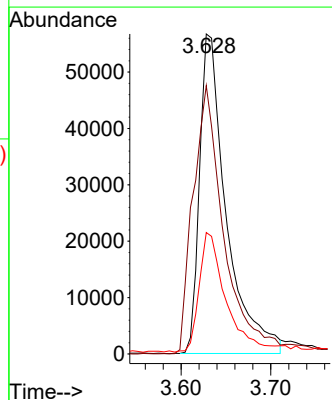
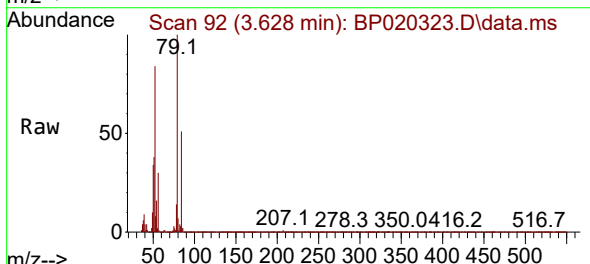
Instrument :
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ClientSampleId :
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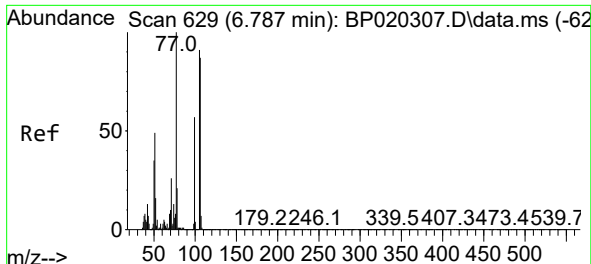
Tgt Ion: 88 Resp: 17493
Ion Ratio Lower Upper
88 100
43 31.0 23.9 35.9
58 68.9 58.2 87.4



#5
Pyridine
Concen: 27.358 ng/uL
RT: 3.628 min Scan# 92
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion: 79 Resp: 117198
Ion Ratio Lower Upper
79 100
52 83.9 60.7 91.1
51 37.9 33.1 49.7

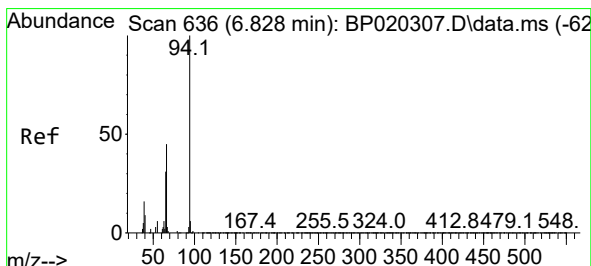
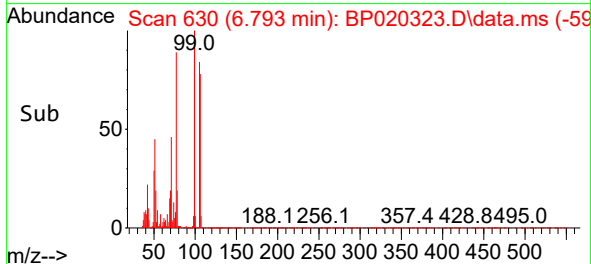
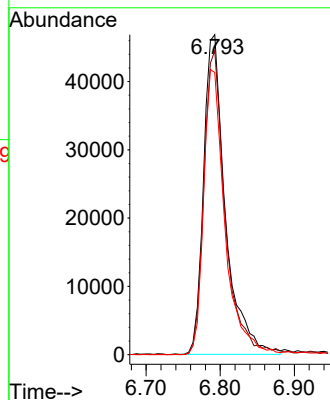
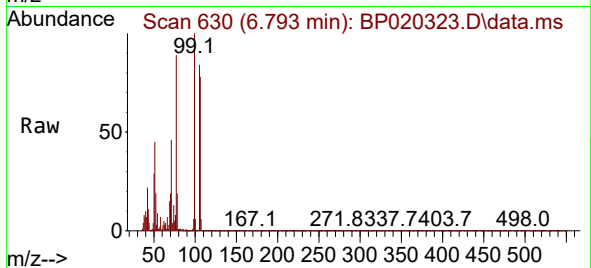




#6
Benzaldehyde
Concen: 36.030 ng/ul
RT: 6.793 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

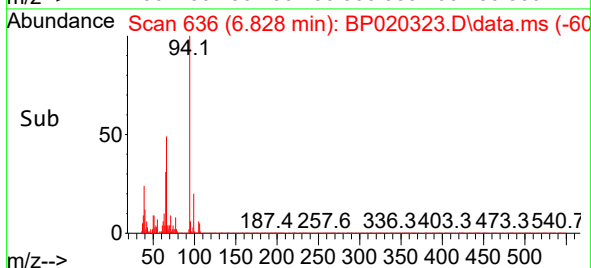
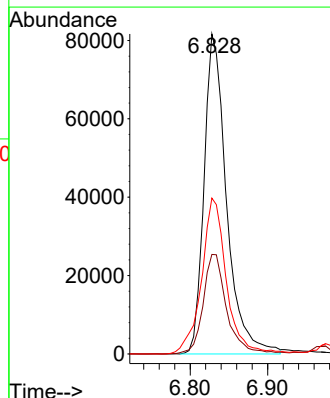
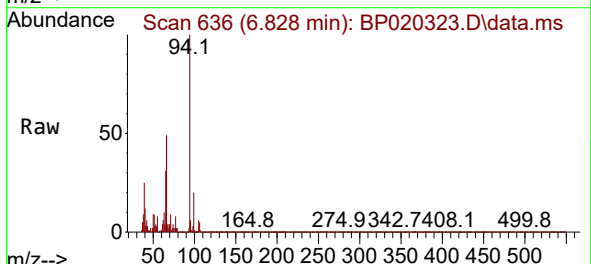
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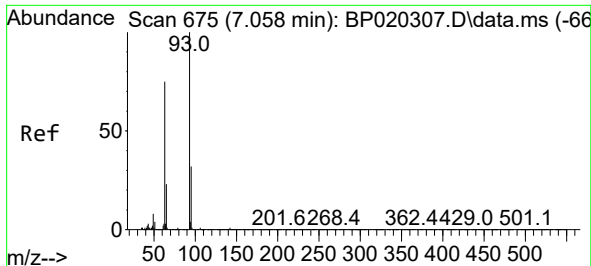
Tgt Ion: 77 Resp: 95744
Ion Ratio Lower Upper
77 100
105 95.0 75.4 113.2
106 88.2 68.2 102.2



#8
Phenol
Concen: 30.207 ng/ul
RT: 6.828 min Scan# 636
Delta R.T. -0.000 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion: 94 Resp: 164832
Ion Ratio Lower Upper
94 100
65 31.1 26.1 39.1
66 48.7 38.6 57.8

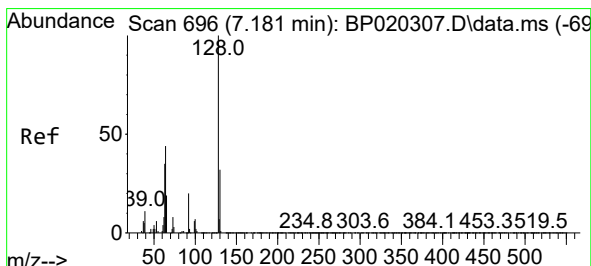
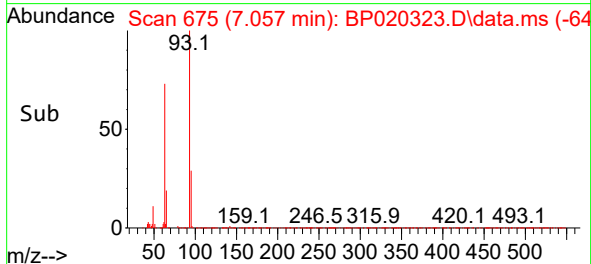
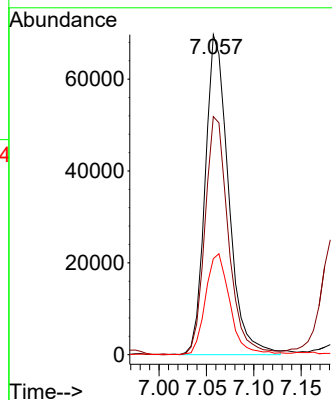
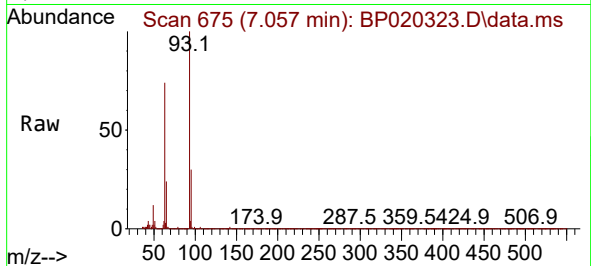




#10
Bis(2-Chloroethyl)ether
Concen: 27.966 ng/ul
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

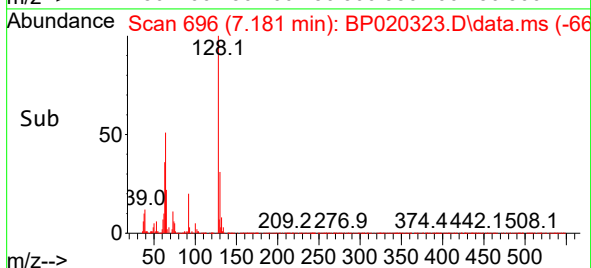
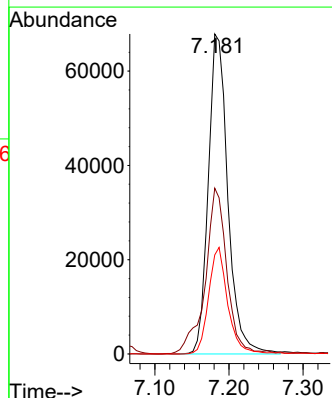
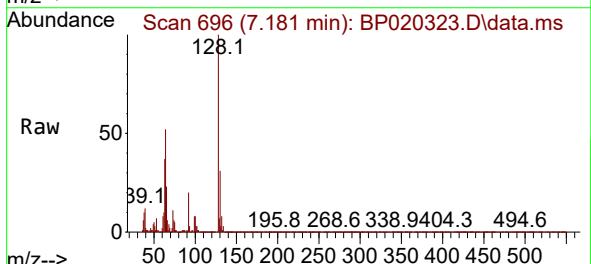
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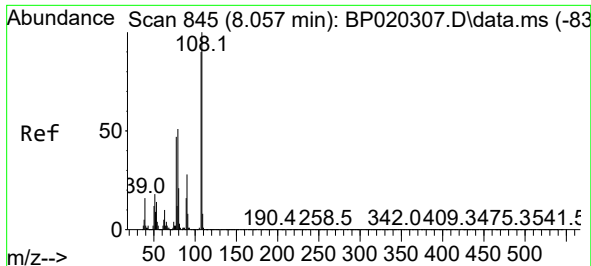
Tgt Ion: 93 Resp: 119410
Ion Ratio Lower Upper
93 100
63 74.4 59.5 89.3
95 30.0 25.3 37.9



#12
2-Chlorophenol
Concen: 31.600 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:128 Resp: 124693
Ion Ratio Lower Upper
128 100
64 51.8 43.8 65.6
130 30.9 26.5 39.7

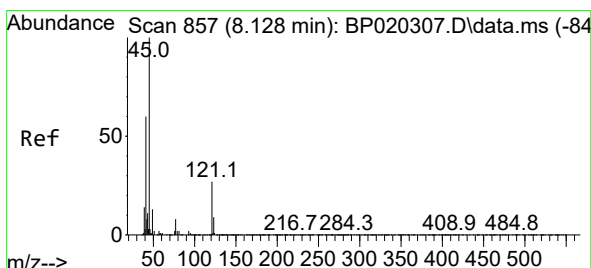
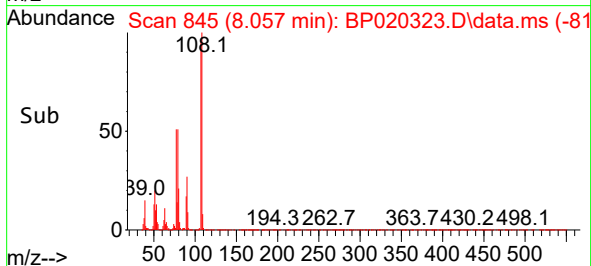
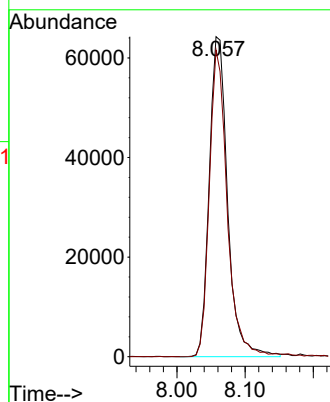
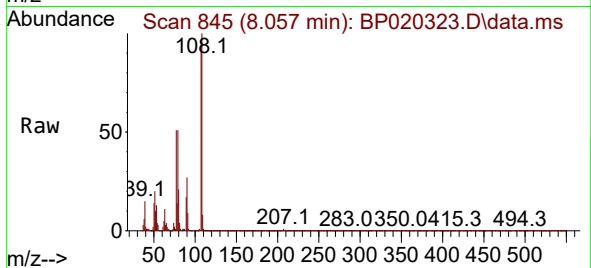




#13
2-Methylphenol
Concen: 29.562 ng/ul
RT: 8.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

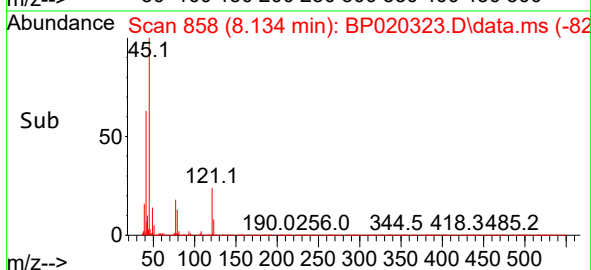
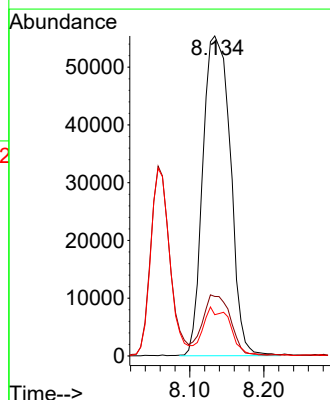
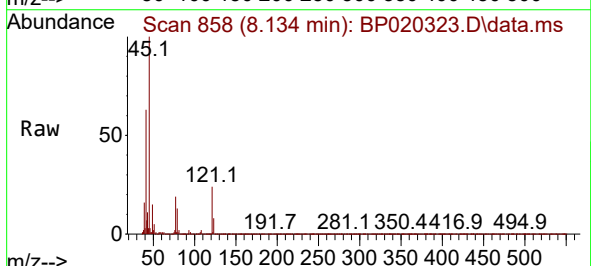
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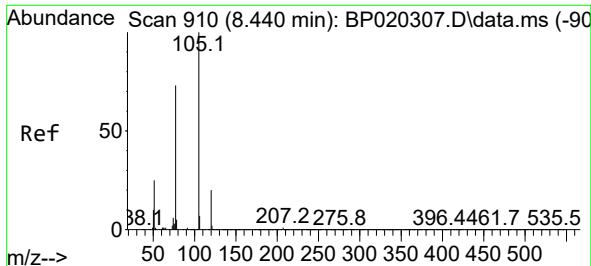
Tgt Ion:108 Resp: 120323
Ion Ratio Lower Upper
108 100
107 95.8 73.0 109.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 26.815 ng/ul
RT: 8.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion: 45 Resp: 142827
Ion Ratio Lower Upper
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77 18.6 13.8 20.8
79 12.9 10.9 16.3

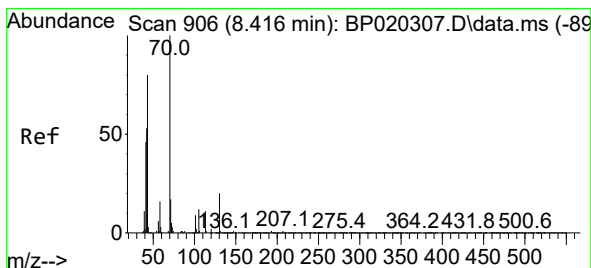
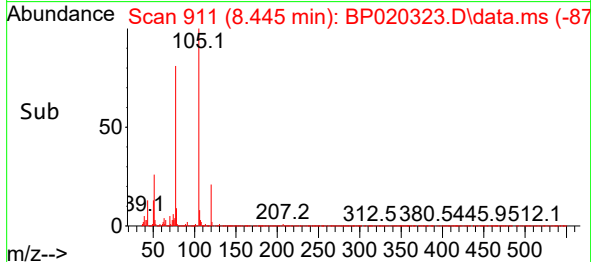
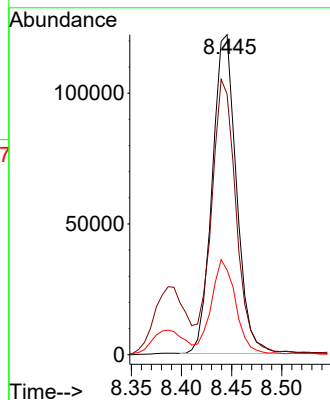
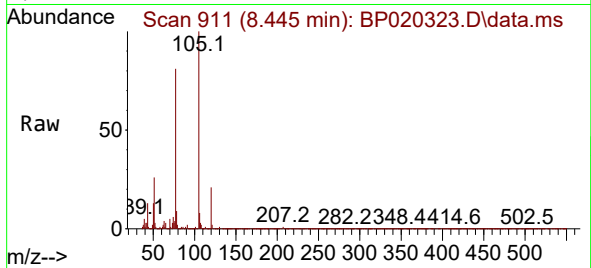




#16
Acetophenone
Concen: 28.869 ng/ul
RT: 8.445 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

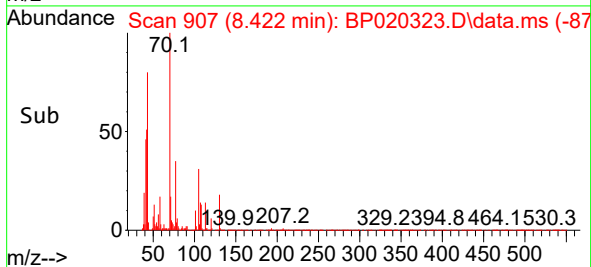
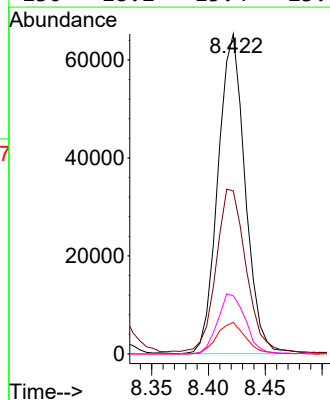
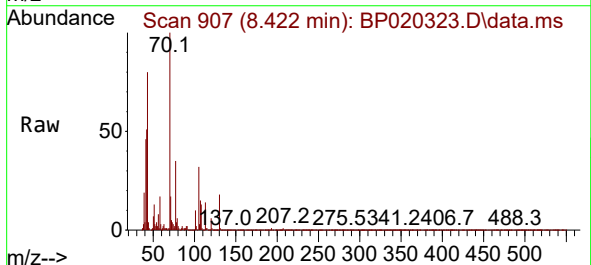
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ClientSampleId :
SLCS819

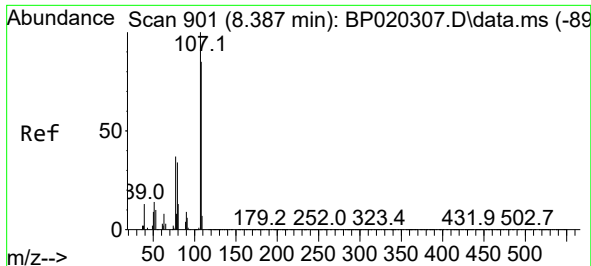
Tgt Ion:105 Resp: 204797
Ion Ratio Lower Upper
105 100
77 81.4 66.4 99.6
51 26.4 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 28.072 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion: 70 Resp: 108066
Ion Ratio Lower Upper
70 100
42 51.0 46.2 69.4
101 9.9 7.8 11.6
130 18.2 15.4 23.0

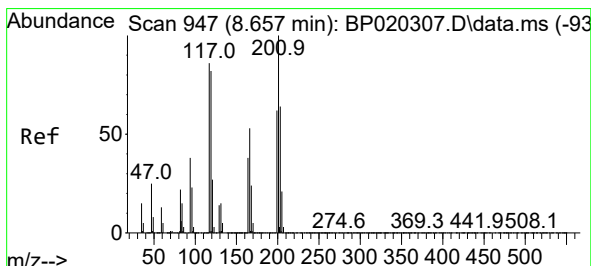
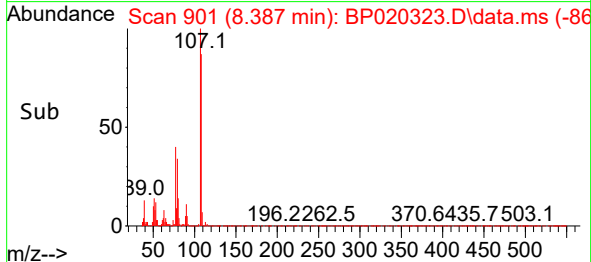
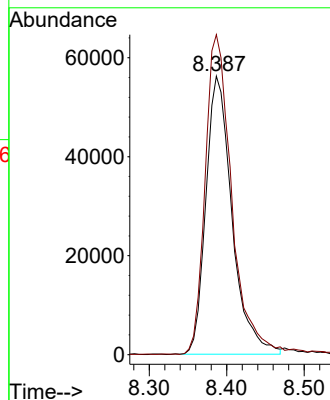
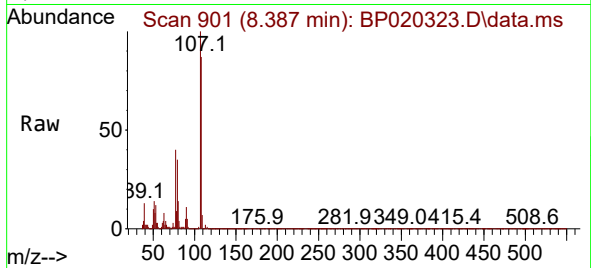




#18
4-Methylphenol
Concen: 29.804 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

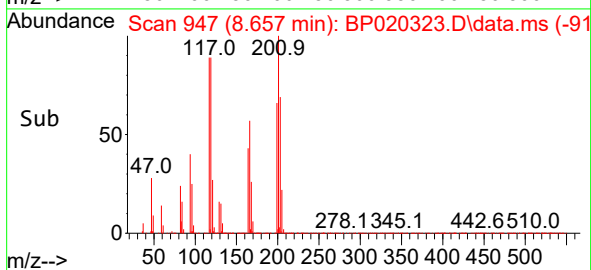
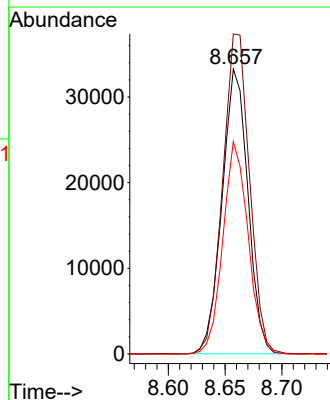
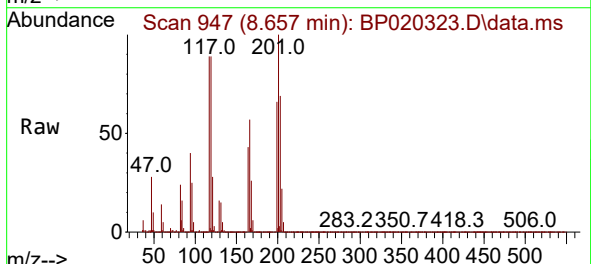
Instrument :
BNA_P
ClientSampleId :
SLCS819

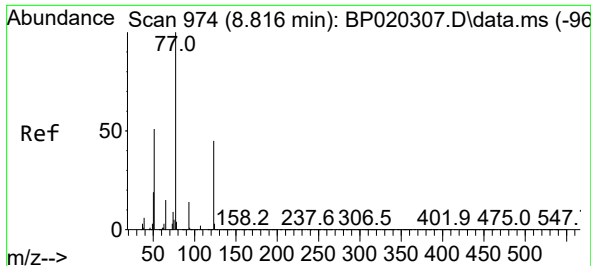
Tgt Ion:108 Resp: 131851
Ion Ratio Lower Upper
108 100
107 114.9 88.2 132.2



#19
Hexachloroethane
Concen: 29.262 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:117 Resp: 52804
Ion Ratio Lower Upper
117 100
201 112.3 84.0 126.0
199 74.5 53.4 80.2

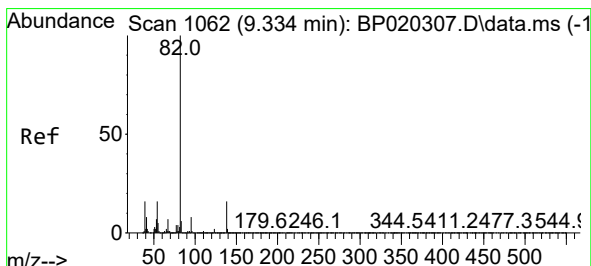
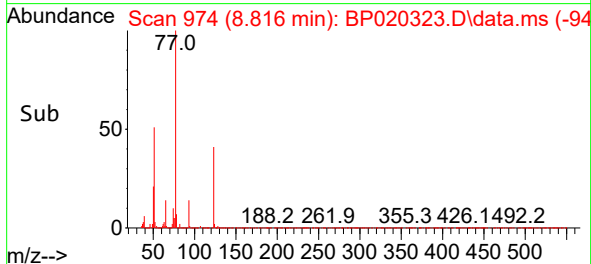
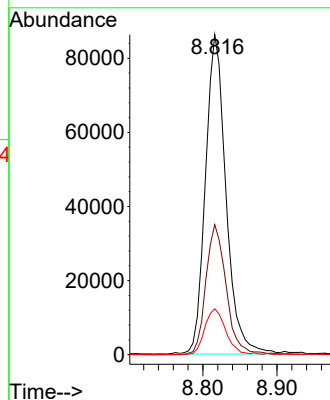
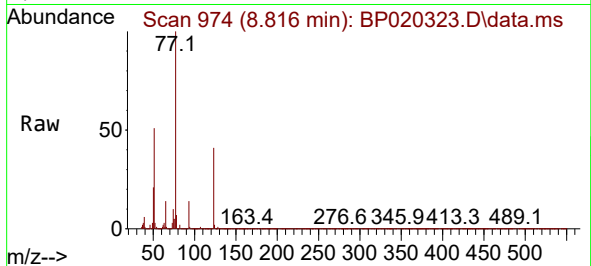




#22
Nitrobenzene
Concen: 30.311 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

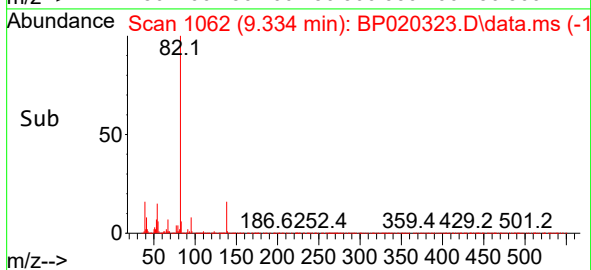
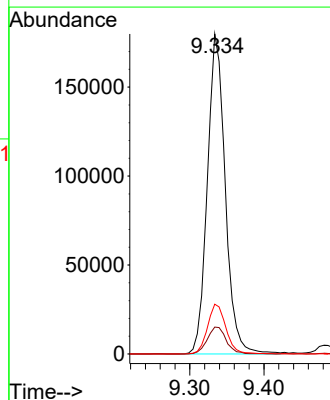
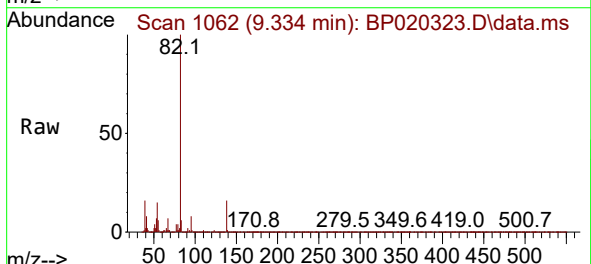
Instrument :
BNA_P
ClientSampleId :
SLCS819

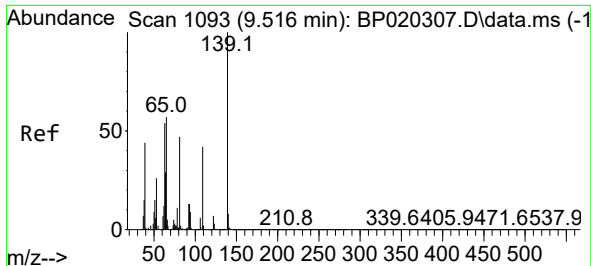
Tgt Ion: 77 Resp: 166030
Ion Ratio Lower Upper
77 100
123 40.7 31.4 47.2
65 14.3 11.4 17.2



#23
Isophorone
Concen: 28.668 ng/ul
RT: 9.334 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion: 82 Resp: 301952
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 15.6 12.9 19.3

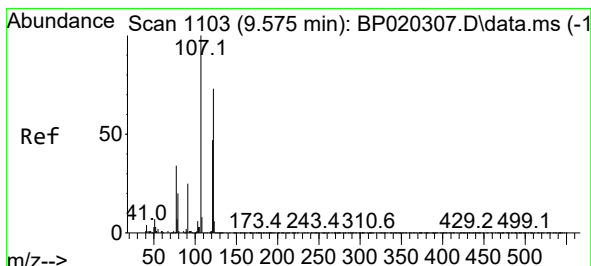
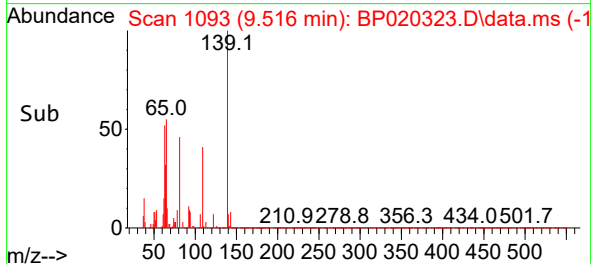
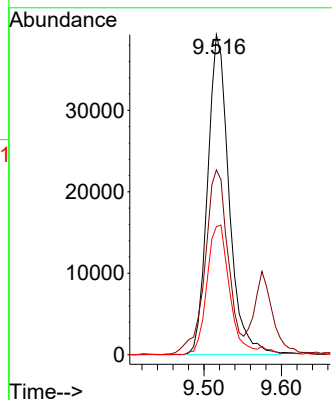
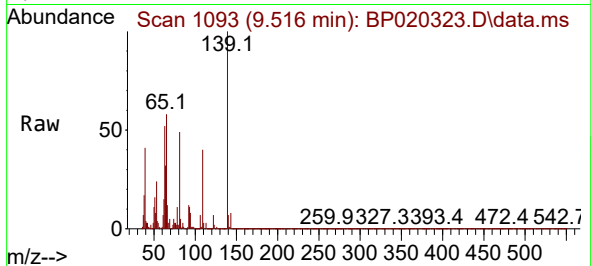




#25
2-Nitrophenol
Concen: 33.395 ng/ul
RT: 9.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

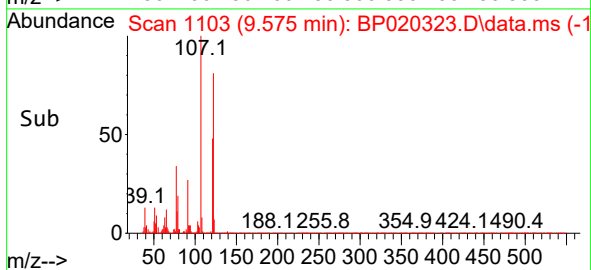
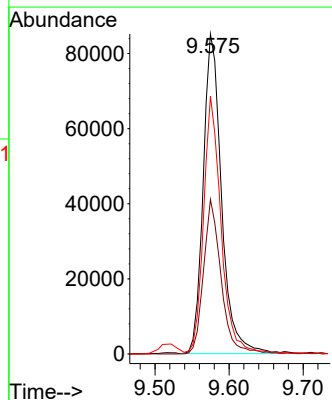
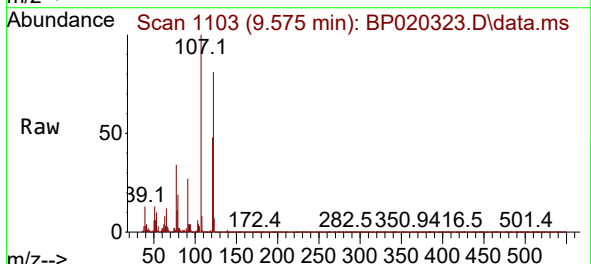
Instrument :
BNA_P
ClientSampleId :
SLCS819

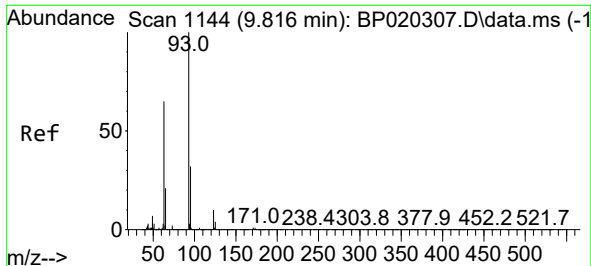
Tgt Ion:139	Resp:	75585
Ion Ratio	Lower	Upper
139	100	
65	57.7	53.8 80.6
109	40.0	35.3 52.9



#26
2,4-Dimethylphenol
Concen: 29.642 ng/ul
RT: 9.575 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:107	Resp:	146370
Ion Ratio	Lower	Upper
107	100	
121	48.3	36.0 54.0
122	80.5	59.4 89.2





#27

Bis(2-Chloroethoxy)methane

Concen: 28.361 ng/ul

RT: 9.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

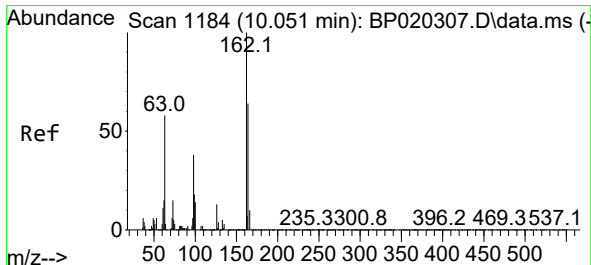
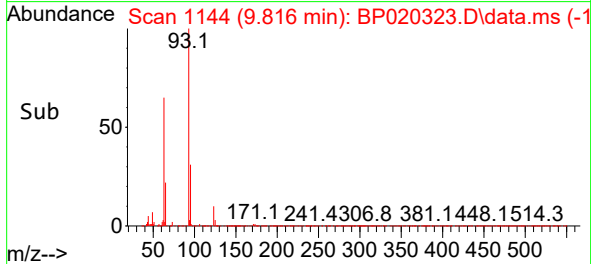
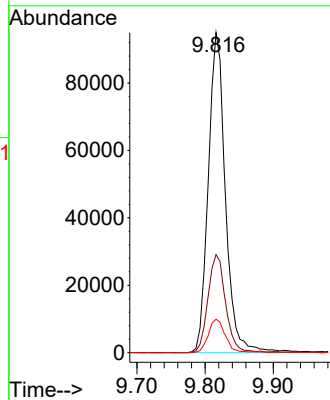
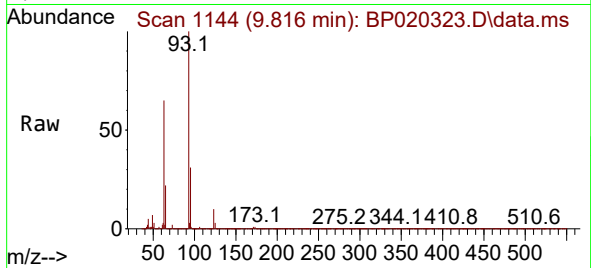
Tgt Ion: 93 Resp: 165606

Ion Ratio Lower Upper

93 100

95 30.6 25.6 38.4

123 10.5 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 34.402 ng/ul

RT: 10.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

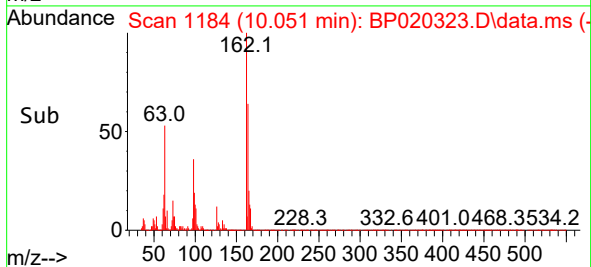
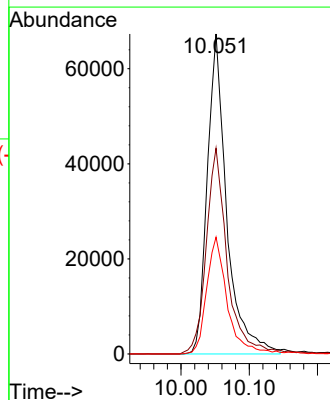
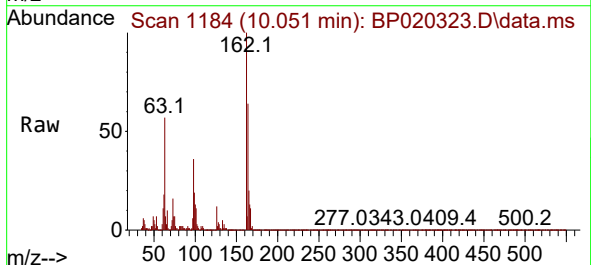
Tgt Ion:162 Resp: 133430

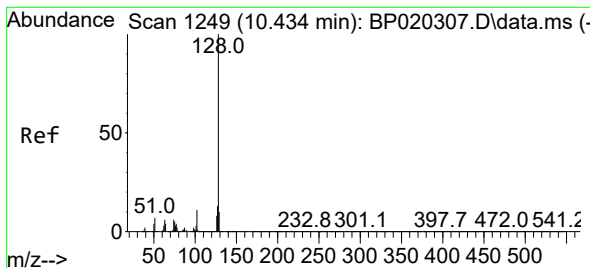
Ion Ratio Lower Upper

162 100

164 64.3 53.1 79.7

98 36.5 31.4 47.2

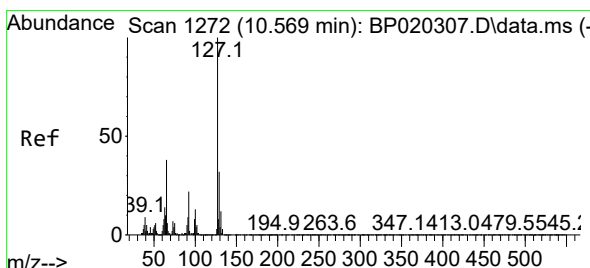
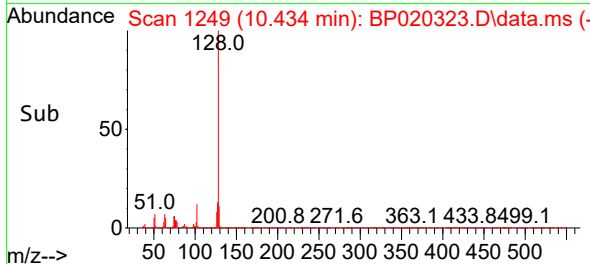
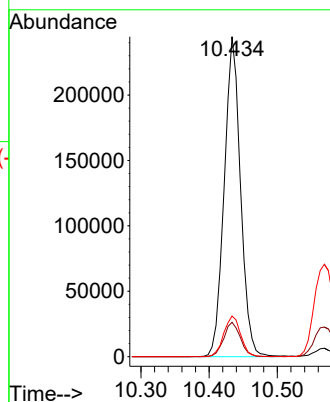
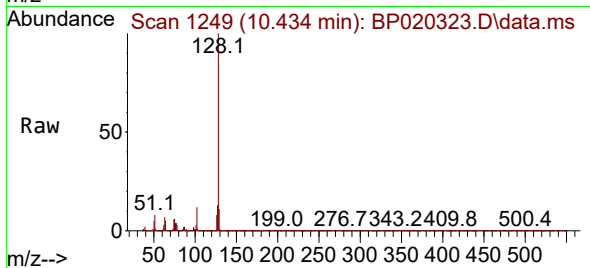




#30
Naphthalene
Concen: 30.986 ng/ul
RT: 10.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

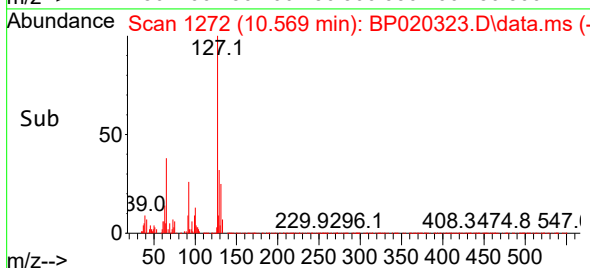
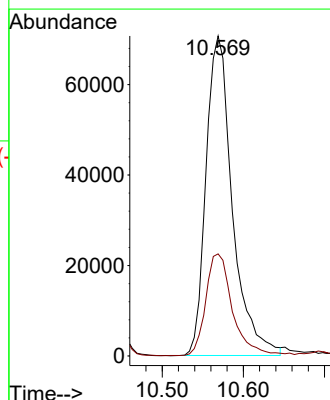
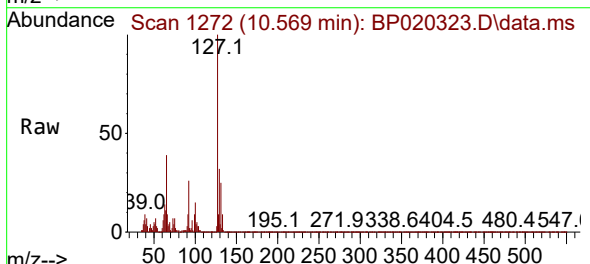
Instrument :
BNA_P
ClientSampleId :
SLCS819

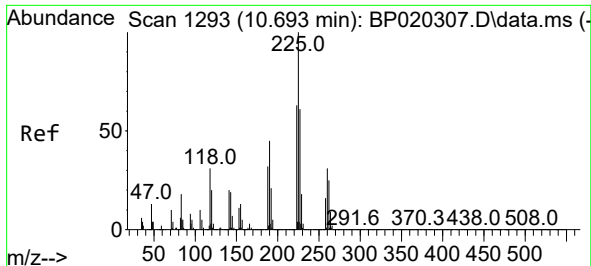
Tgt Ion:128 Resp: 406974
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.7 10.6 16.0



#32
4-Chloroaniline
Concen: 29.204 ng/ul
RT: 10.569 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:127 Resp: 159374
Ion Ratio Lower Upper
127 100
129 31.9 24.8 37.2

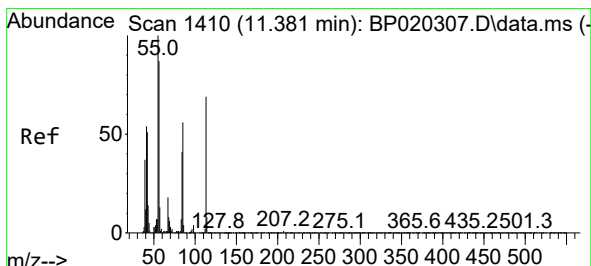
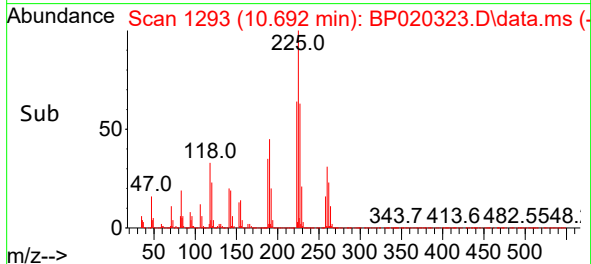
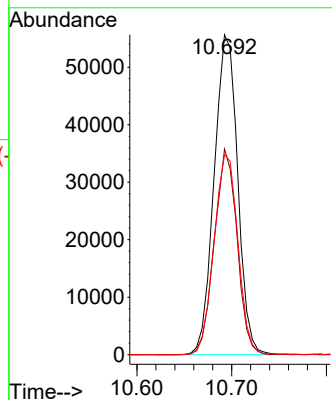
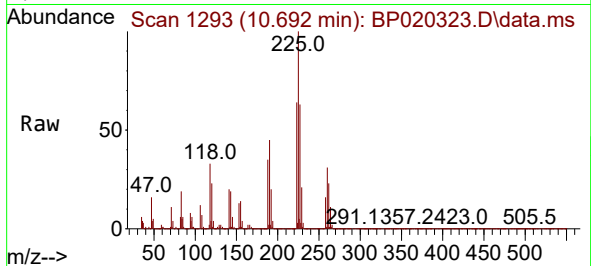




#33
Hexachlorobutadiene
Concen: 31.886 ng/ul
RT: 10.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

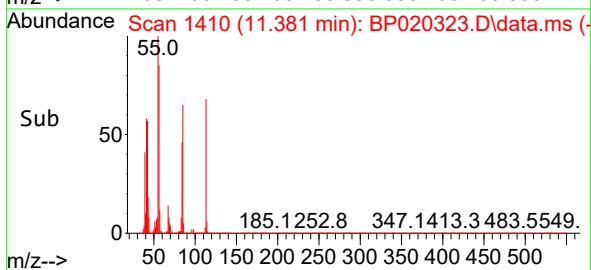
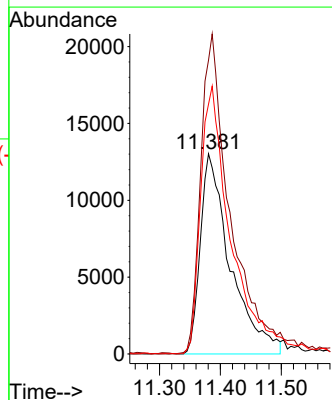
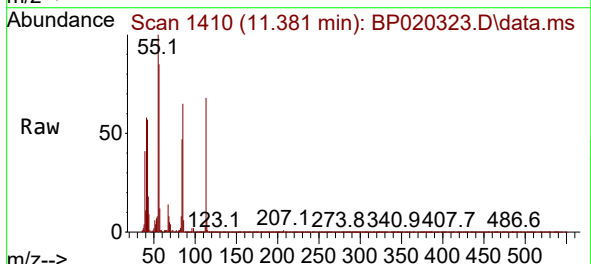
Instrument :
BNA_P
ClientSampleId :
SLCS819

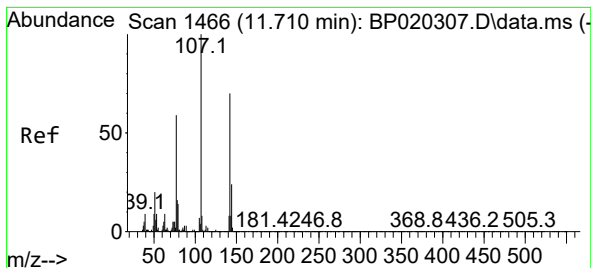
Tgt Ion:	225	Resp:	96056
Ion Ratio	Lower	Upper	
225	100		
223	64.3	53.2	79.8
227	62.5	51.4	77.0



#34
Caprolactam
Concen: 32.846 ng/ul
RT: 11.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:	113	Resp:	44482
Ion Ratio	Lower	Upper	
113	100		
55	146.8	131.0	196.6
56	124.8	105.4	158.2

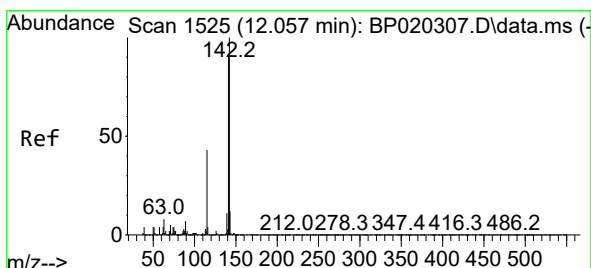
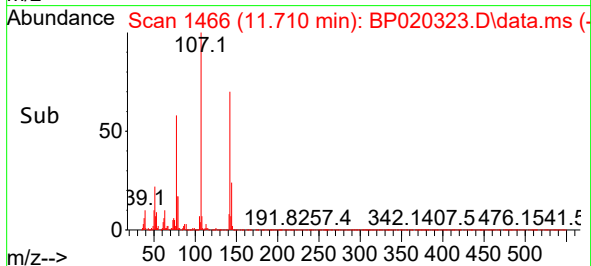
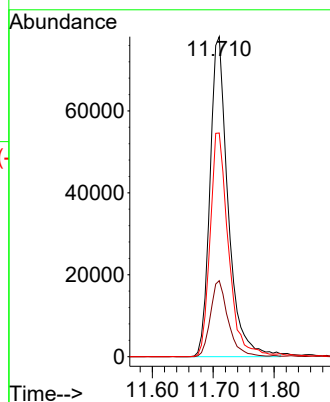
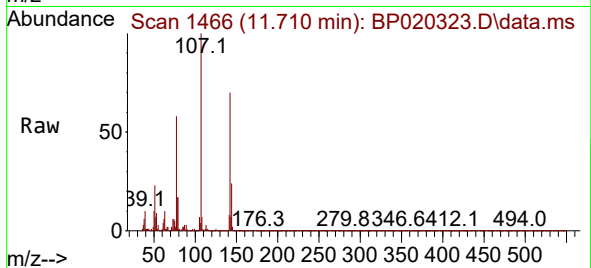




#35
4-Chloro-3-methylphenol
Concen: 33.450 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

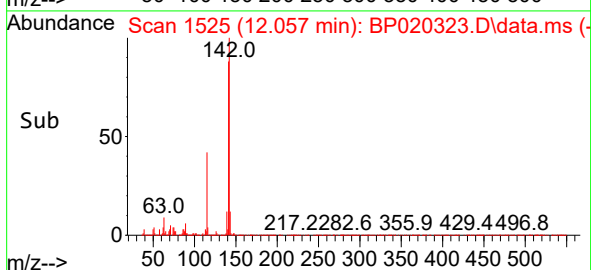
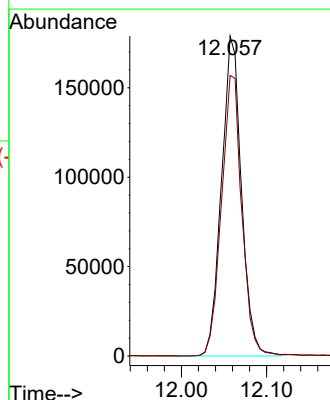
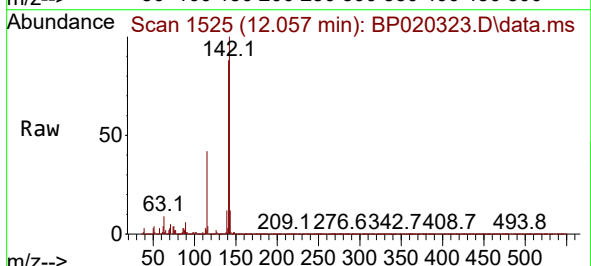
Instrument :
BNA_P
ClientSampleId :
SLCS819

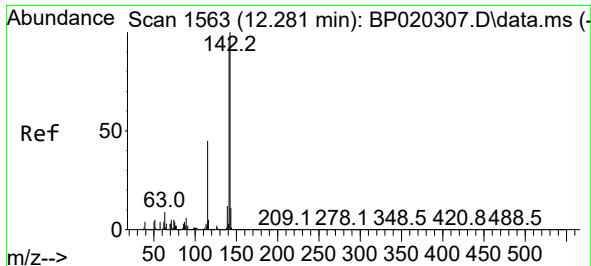
Tgt Ion:107 Resp: 161531
Ion Ratio Lower Upper
107 100
144 23.8 18.3 27.5
142 69.9 56.6 84.8



#36
2-Methylnaphthalene
Concen: 31.745 ng/ul
RT: 12.057 min Scan# 1525
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:142 Resp: 290095
Ion Ratio Lower Upper
142 100
141 87.7 74.6 111.8





#37

1-Methylnaphthalene

Concen: 31.704 ng/ul

RT: 12.281 min Scan# 1563

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

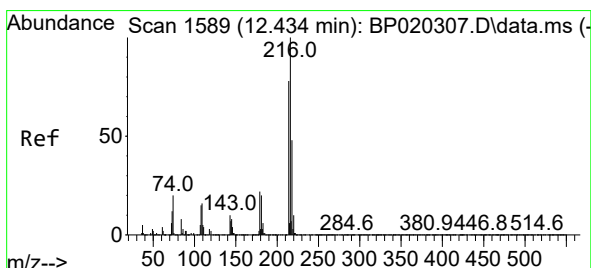
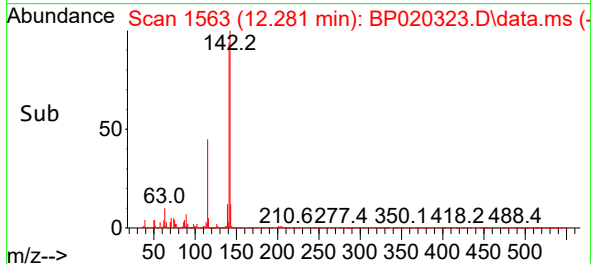
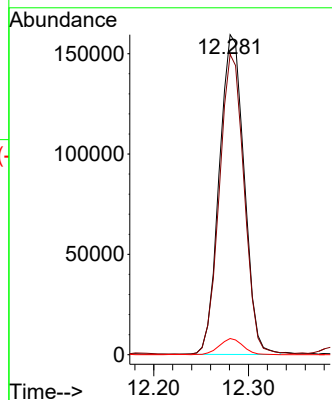
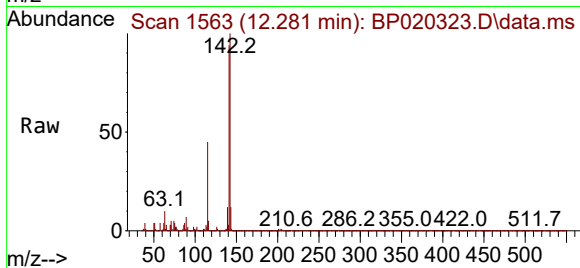
Tgt Ion:142 Resp: 291553

Ion Ratio Lower Upper

142 100

141 93.9 75.5 113.3

116 5.1 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.726 ng/ul

RT: 12.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Tgt Ion:216 Resp: 187281

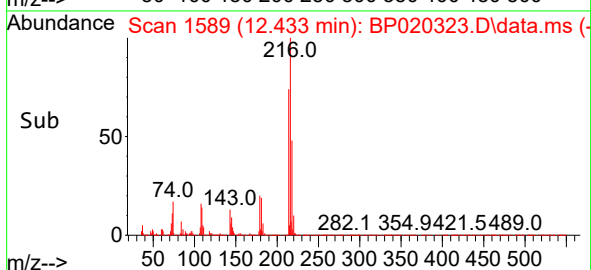
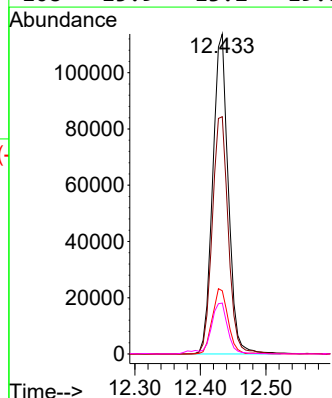
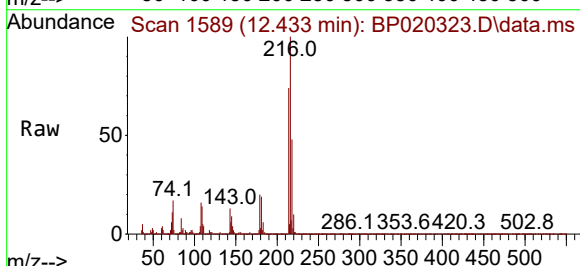
Ion Ratio Lower Upper

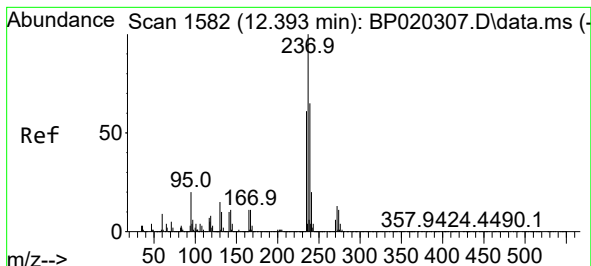
216 100

214 74.1 61.3 91.9

179 19.8 16.9 25.3

108 15.9 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 17.330 ng/ul

RT: 12.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

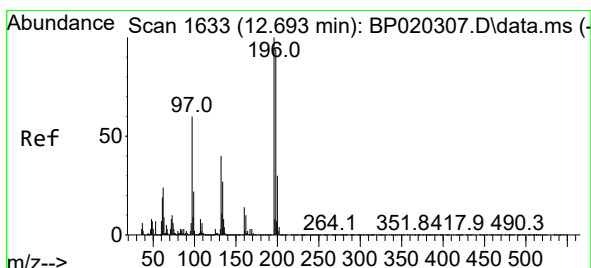
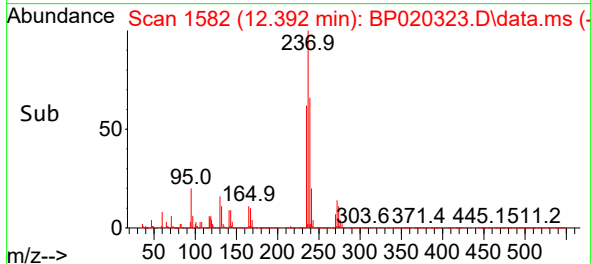
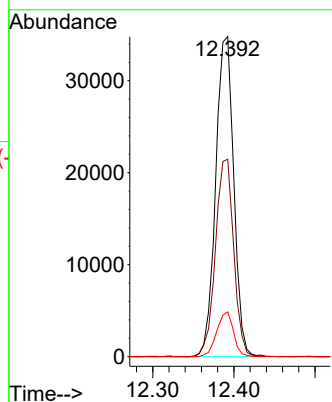
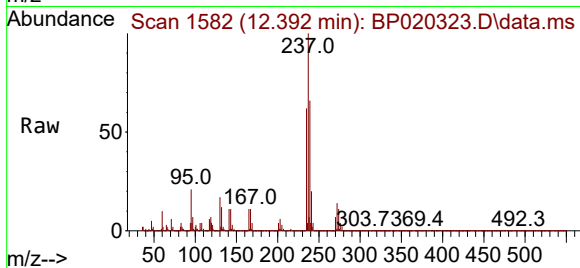
Tgt Ion:237 Resp: 53938

Ion Ratio Lower Upper

237 100

235 61.7 52.4 78.6

272 14.0 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 33.270 ng/ul

RT: 12.692 min Scan# 1633

Delta R.T. -0.006 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

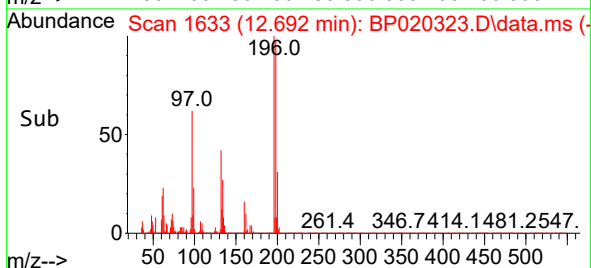
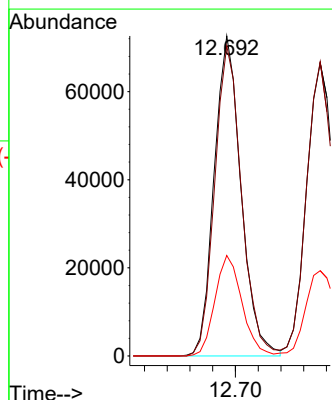
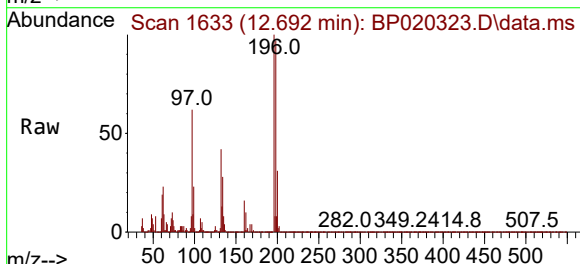
Tgt Ion:196 Resp: 119399

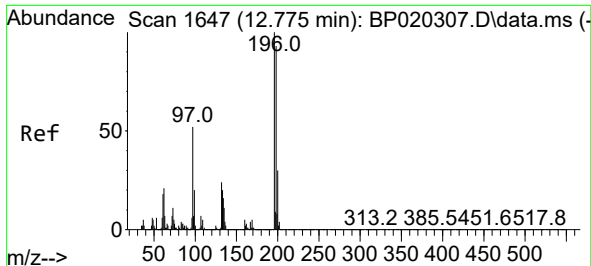
Ion Ratio Lower Upper

196 100

198 97.0 75.8 113.8

200 31.4 24.8 37.2

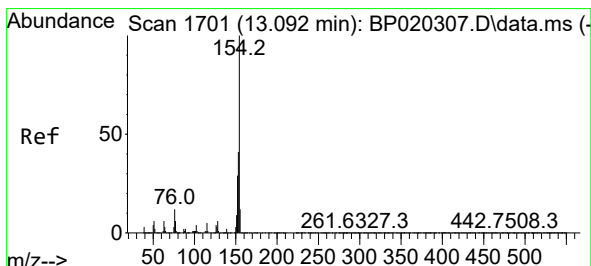
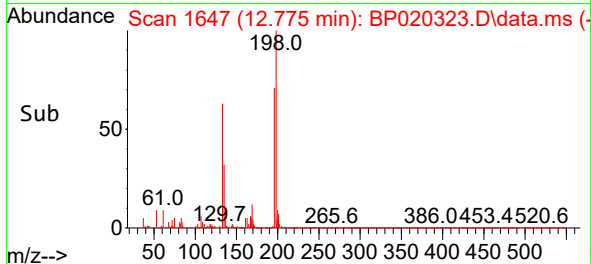
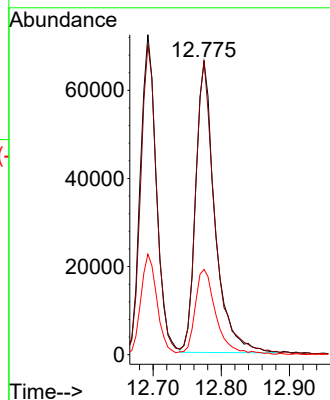
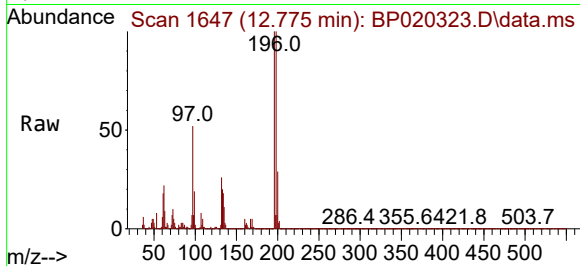




#42
2,4,5-Trichlorophenol
Concen: 33.545 ng/ul
RT: 12.775 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

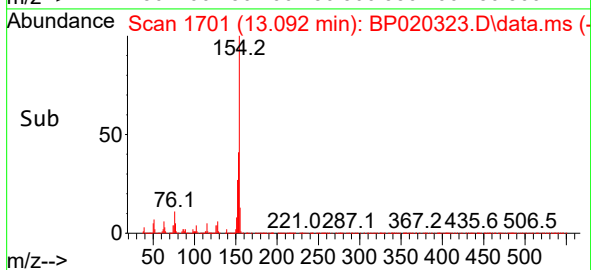
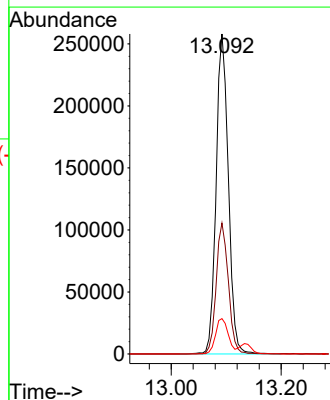
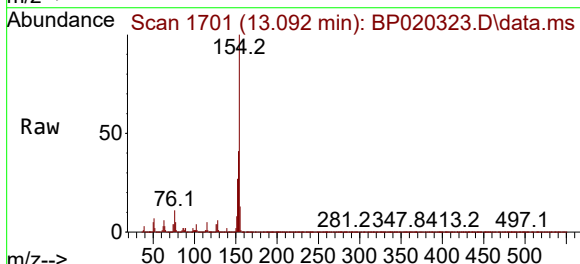
Instrument :
BNA_P
ClientSampleId :
SLCS819

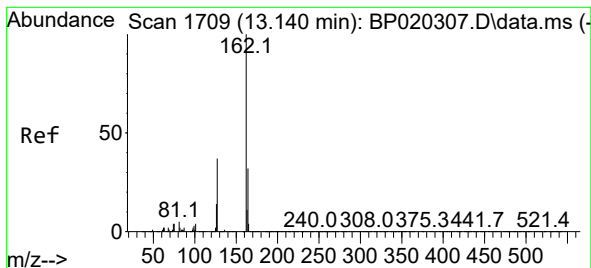
Tgt Ion:196 Resp: 129542
Ion Ratio Lower Upper
196 100
198 100.4 73.5 110.3
200 29.1 24.4 36.6



#43
1,1'-Biphenyl
Concen: 30.728 ng/ul
RT: 13.092 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:154 Resp: 398801
Ion Ratio Lower Upper
154 100
153 40.9 33.1 49.7
76 11.1 9.7 14.5





#44

2-Chloronaphthalene

Concen: 30.755 ng/ul

RT: 13.133 min Scan# 1709

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

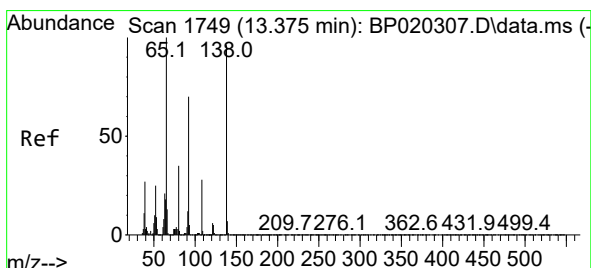
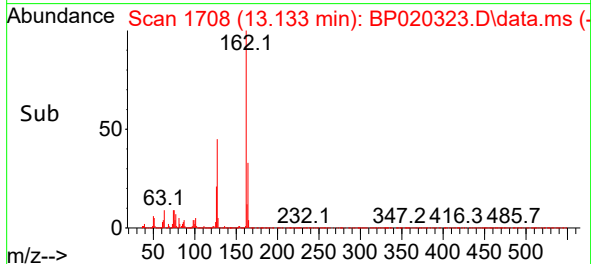
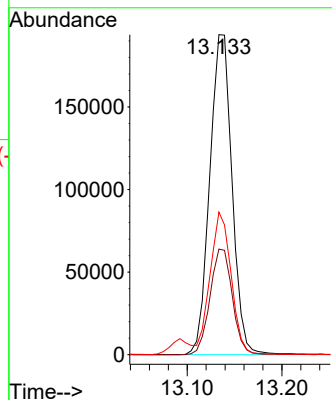
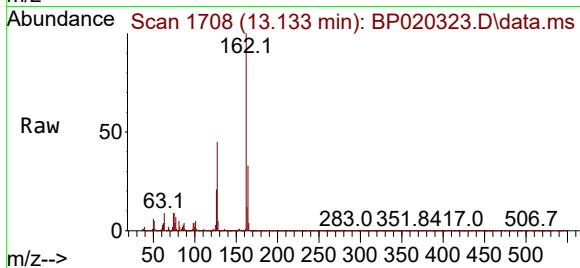
Tgt Ion:162 Resp: 316729

Ion Ratio Lower Upper

162 100

164 33.0 26.1 39.1

127 44.6 33.6 50.4



#45

2-Nitroaniline

Concen: 32.408 ng/ul

RT: 13.369 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

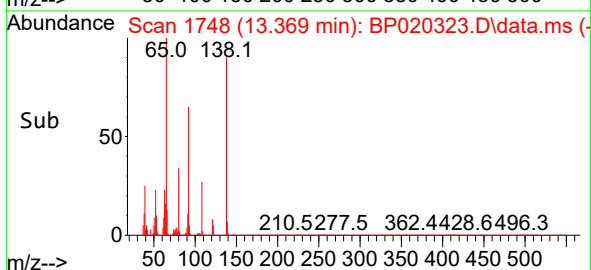
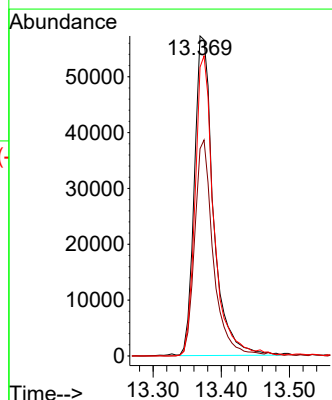
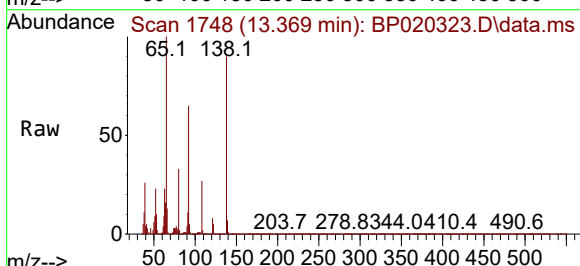
Tgt Ion: 65 Resp: 110708

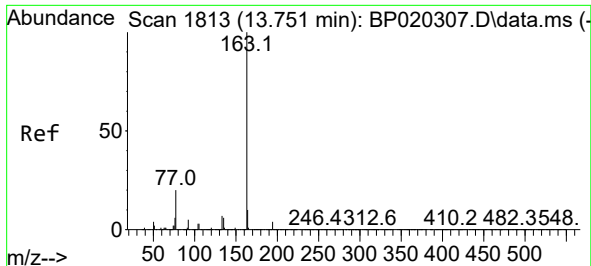
Ion Ratio Lower Upper

65 100

92 64.7 55.6 83.4

138 90.2 73.1 109.7

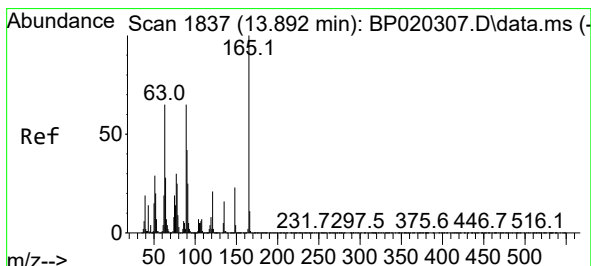
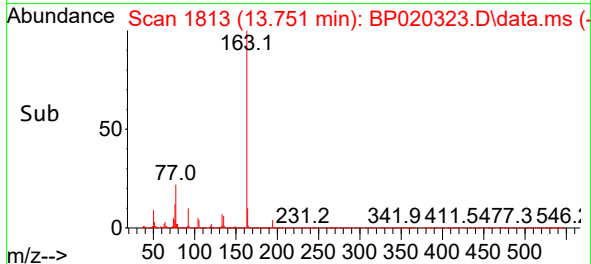
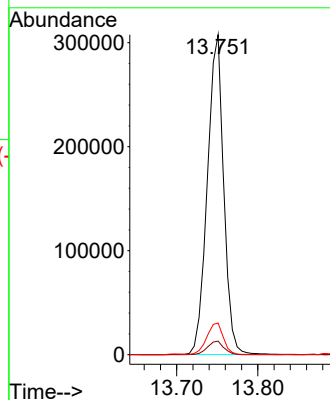
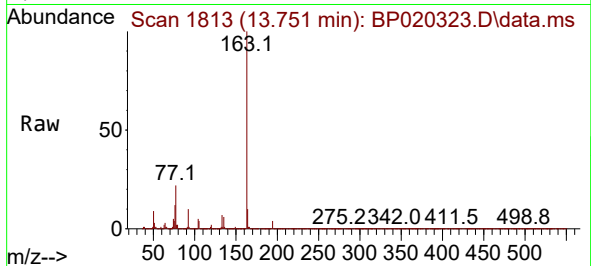




#47
Dimethylphthalate
Concen: 31.699 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

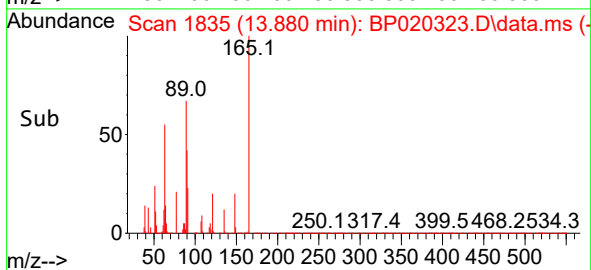
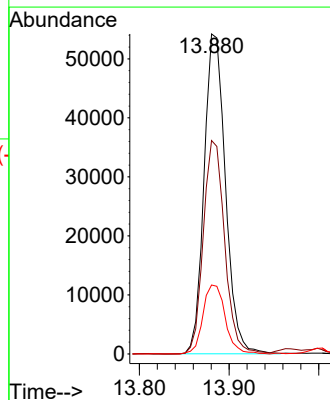
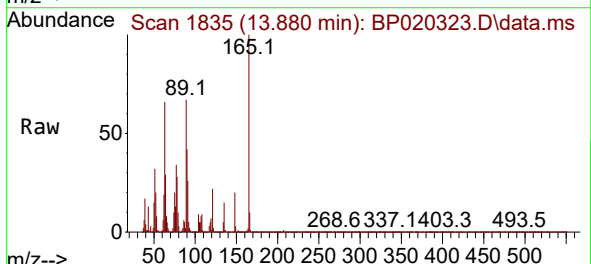
Instrument :
BNA_P
ClientSampleId :
SLCS819

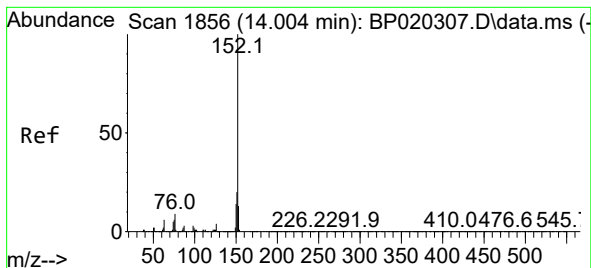
Tgt Ion:163 Resp: 429053
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 33.377 ng/ul
RT: 13.880 min Scan# 1835
Delta R.T. -0.018 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:165 Resp: 89810
Ion Ratio Lower Upper
165 100
89 66.7 51.0 76.6
121 21.5 18.5 27.7





#50

Acenaphthylene

Concen: 30.938 ng/ul

RT: 13.998 min Scan# 1855

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

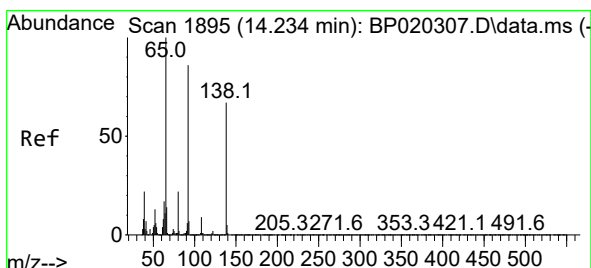
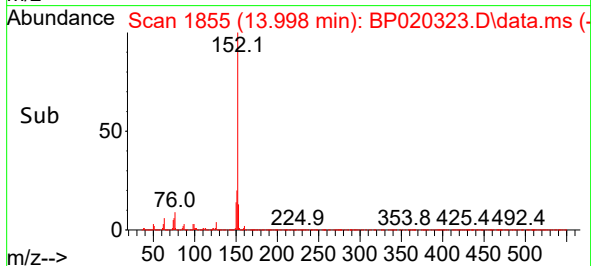
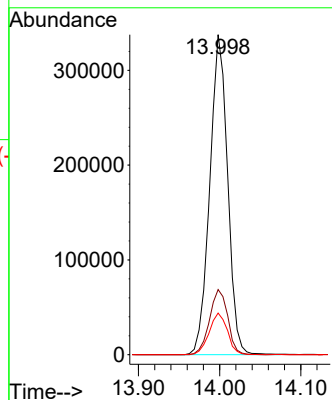
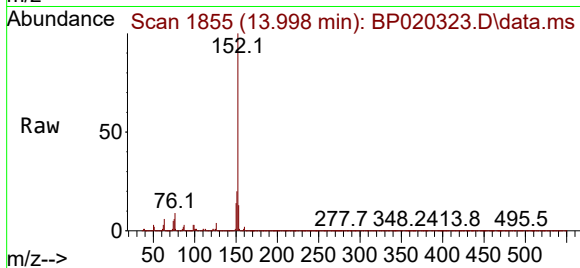
Tgt Ion:152 Resp: 515094

Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

153 13.0 10.3 15.5



#51

3-Nitroaniline

Concen: 33.651 ng/ul

RT: 14.233 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

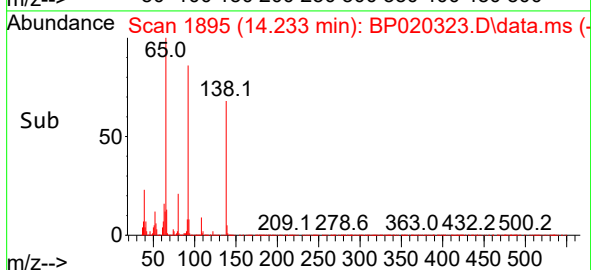
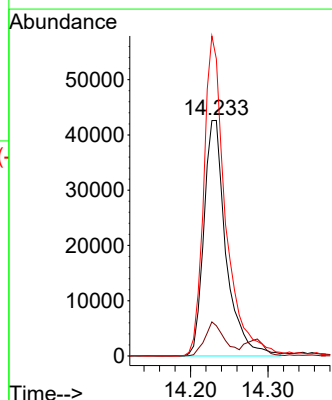
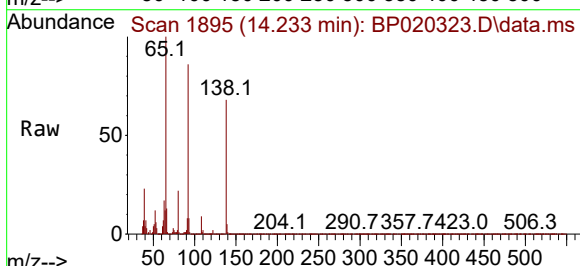
Tgt Ion:138 Resp: 84451

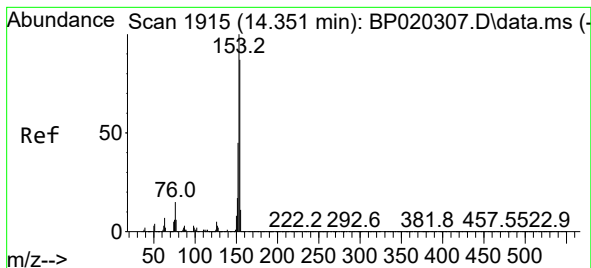
Ion Ratio Lower Upper

138 100

108 12.9 10.8 16.2

92 126.1 103.3 154.9





#52

Acenaphthene

Concen: 30.316 ng/ul

RT: 14.351 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

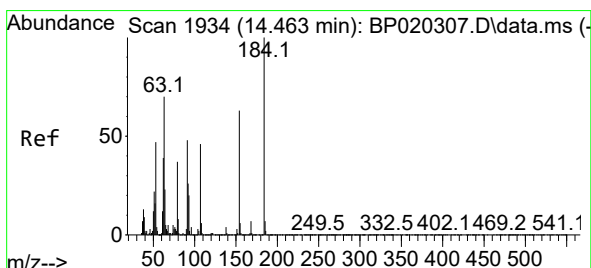
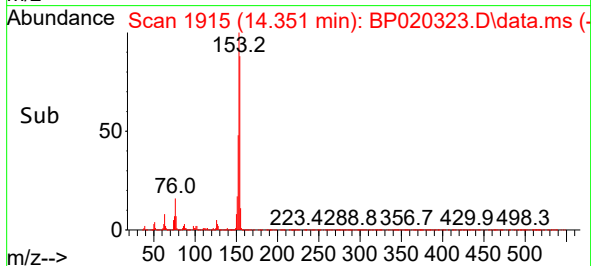
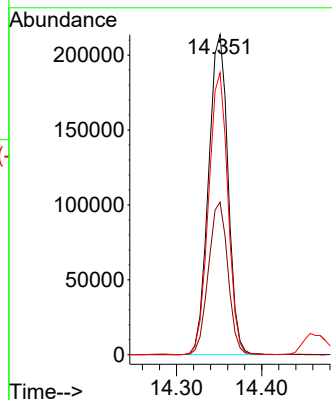
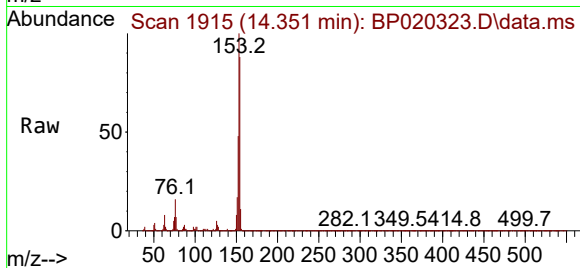
Tgt Ion:153 Resp: 339193

Ion Ratio Lower Upper

153 100

152 47.7 37.4 56.2

154 88.1 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 27.133 ng/ul

RT: 14.457 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

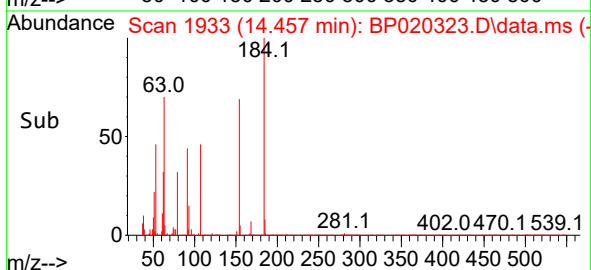
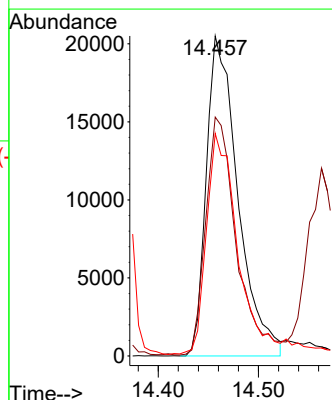
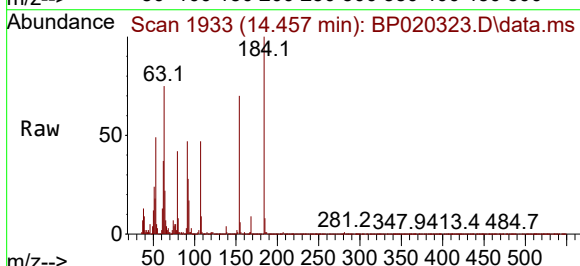
Tgt Ion:184 Resp: 44813

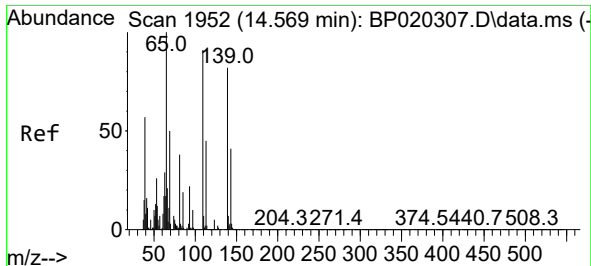
Ion Ratio Lower Upper

184 100

63 74.7 65.6 98.4

154 69.5 53.8 80.8

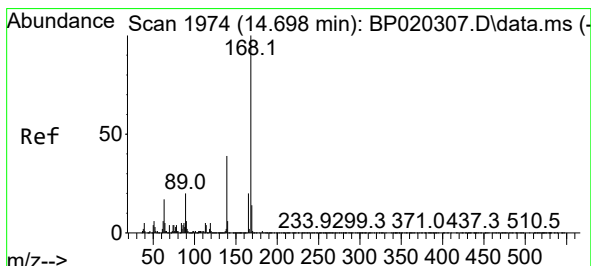
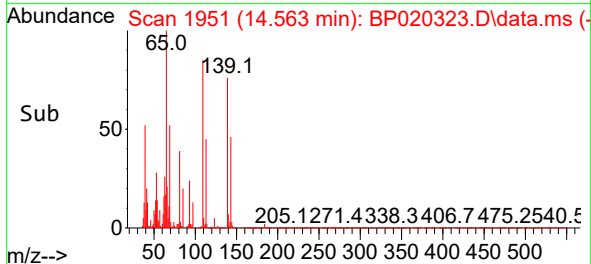
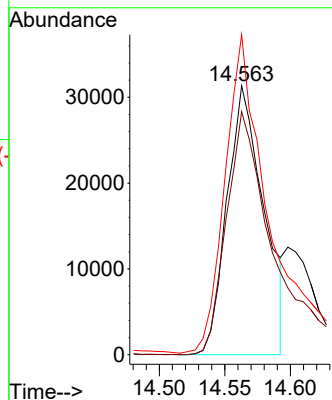
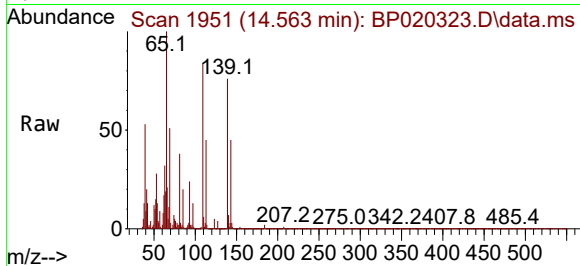




#55
4-Nitrophenol
Concen: 28.558 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

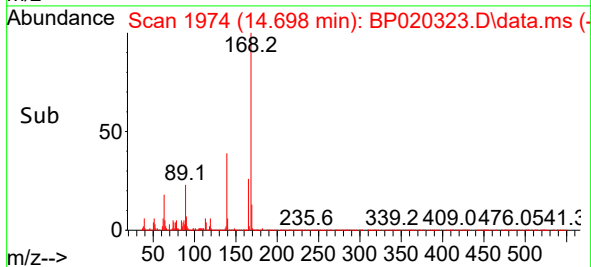
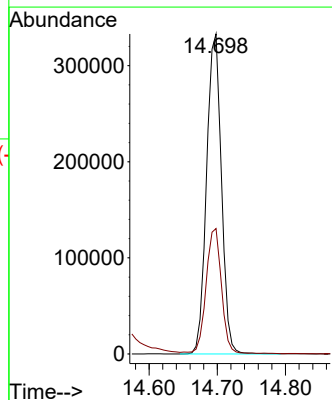
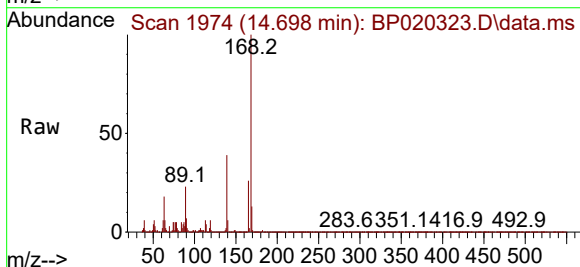
Instrument :
BNA_P
ClientSampleId :
SLCS819

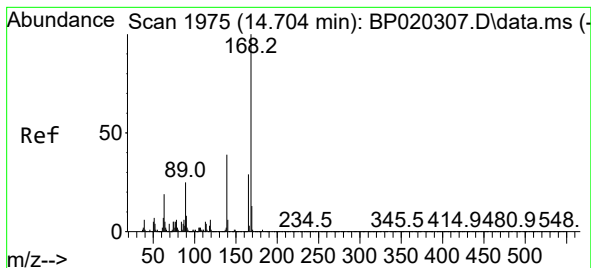
Tgt Ion:109 Resp: 61234
Ion Ratio Lower Upper
109 100
139 90.4 78.4 117.6
65 119.0 101.8 152.6



#56
Dibenzofuran
Concen: 32.790 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:168 Resp: 504578
Ion Ratio Lower Upper
168 100
139 39.2 32.7 49.1





#57

2,4-Dinitrotoluene

Concen: 35.796 ng/ul

RT: 14.698 min Scan# 1975

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

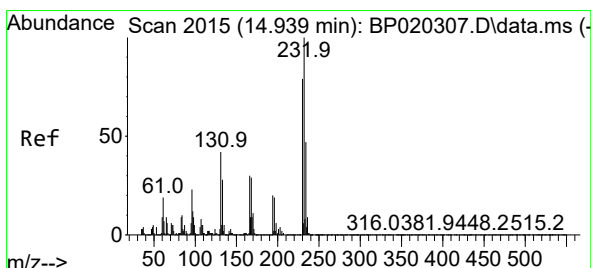
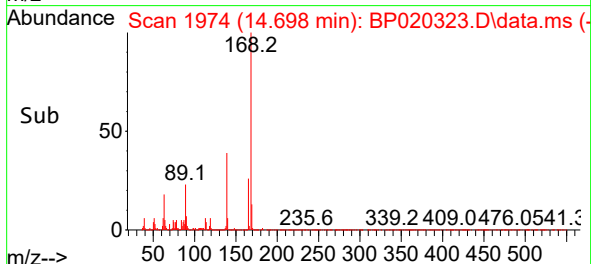
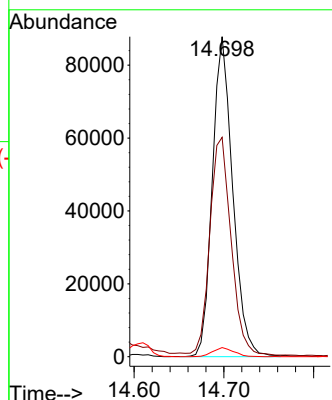
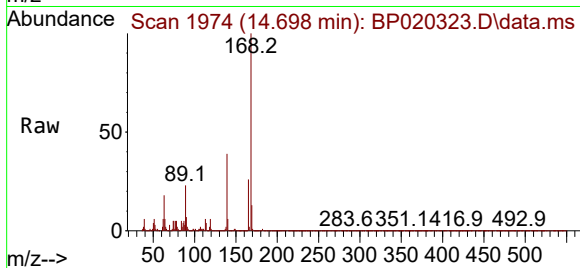
Tgt Ion:165 Resp: 138479

Ion Ratio Lower Upper

165 100

63 68.5 59.7 89.5

182 2.8 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.809 ng/ul

RT: 14.933 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Tgt Ion:232 Resp: 124178

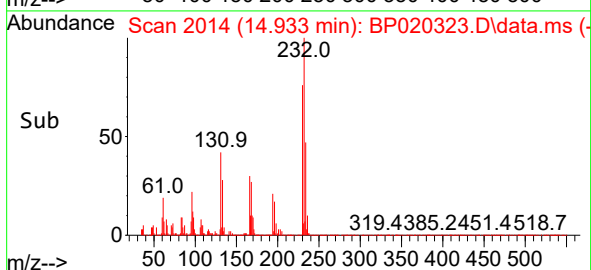
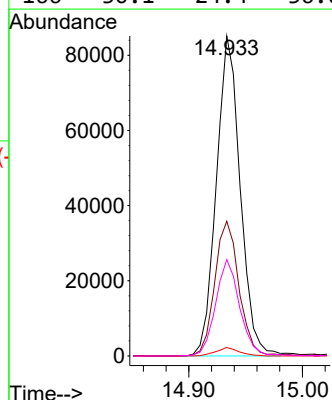
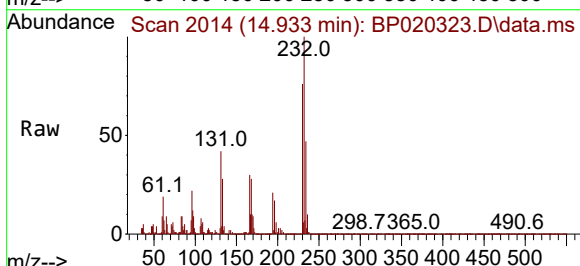
Ion Ratio Lower Upper

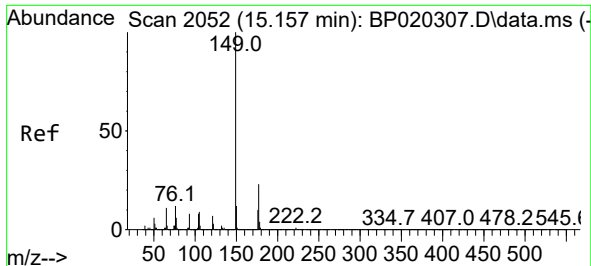
232 100

131 42.1 36.7 55.1

130 2.7 1.9 2.9

166 30.1 24.4 36.6

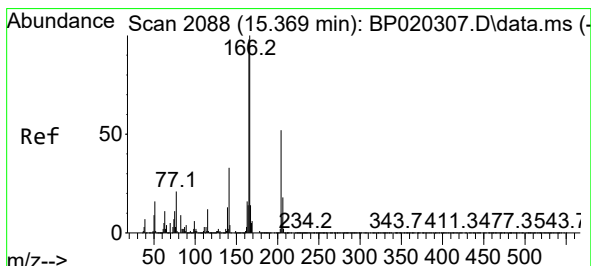
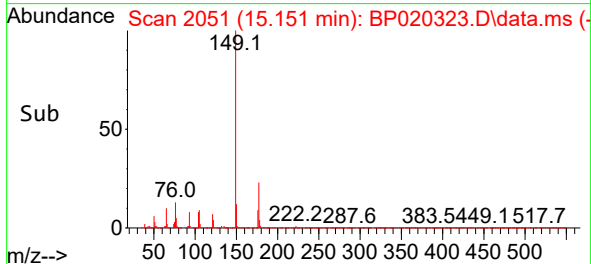
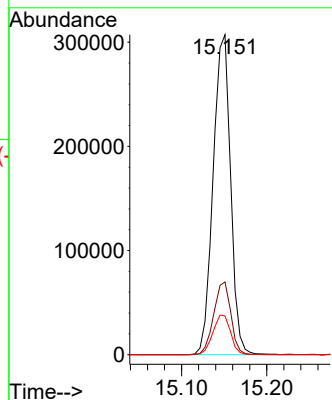
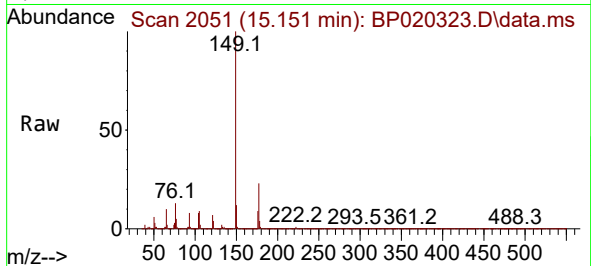




#59
Diethylphthalate
Concen: 32.317 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

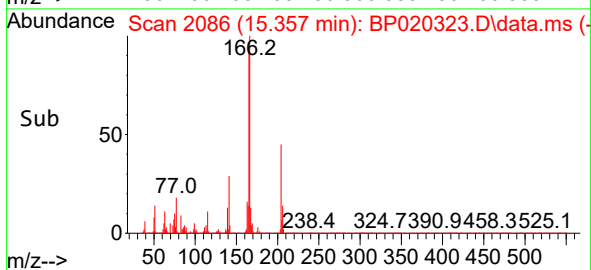
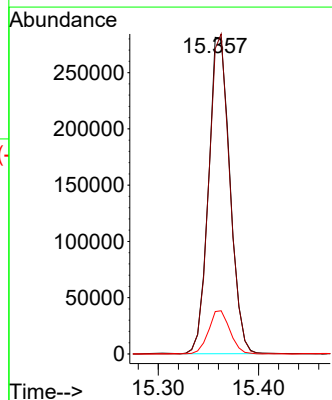
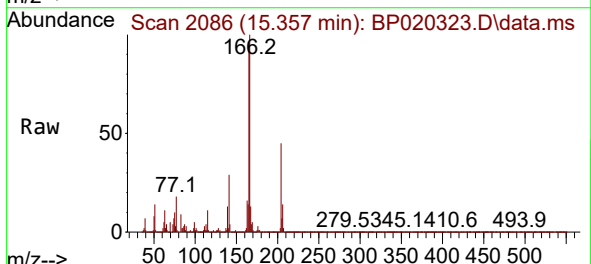
Instrument :
BNA_P
ClientSampleId :
SLCS819

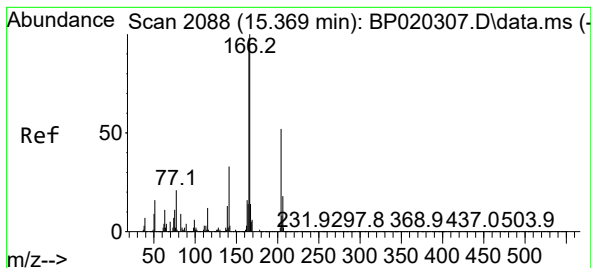
Tgt Ion:149 Resp: 436638
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.1 10.2 15.2



#61
Fluorene
Concen: 32.789 ng/ul
RT: 15.357 min Scan# 2086
Delta R.T. -0.018 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:166 Resp: 419233
Ion Ratio Lower Upper
166 100
165 96.4 76.2 114.2
167 13.4 10.3 15.5

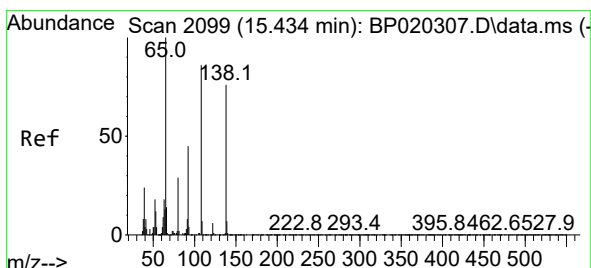
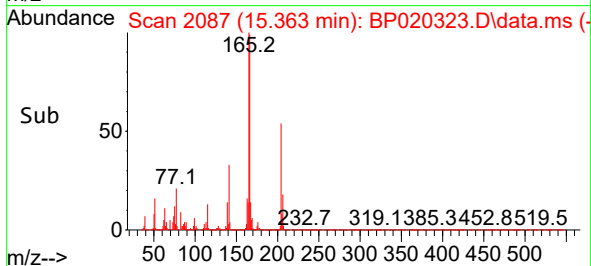
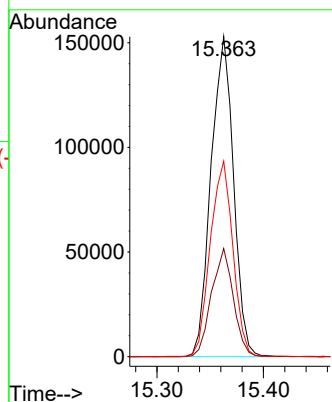
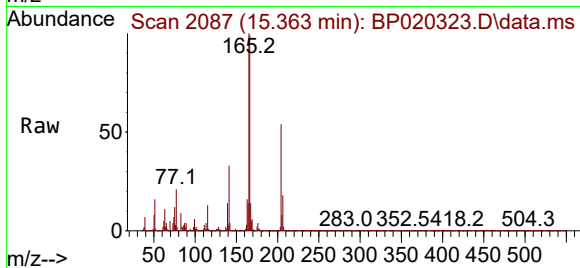




#62
4-Chlorophenyl-phenylether
Concen: 33.123 ng/ul
RT: 15.363 min Scan# 2088
Delta R.T. -0.018 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

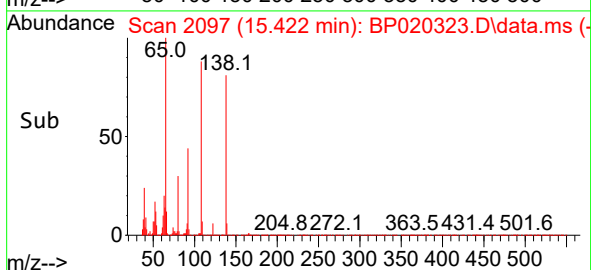
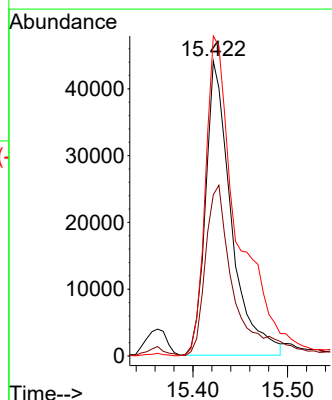
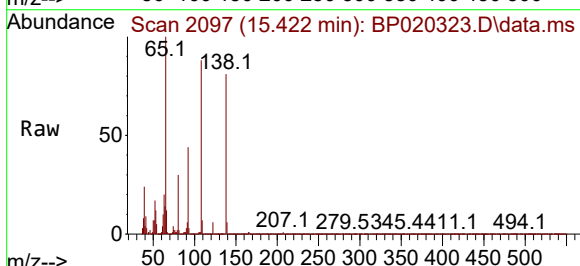
Instrument :
BNA_P
ClientSampleId :
SLCS819

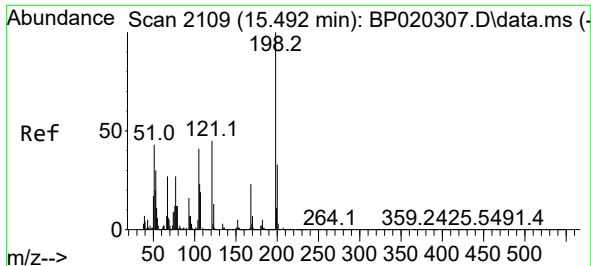
Tgt Ion:204 Resp: 224680
Ion Ratio Lower Upper
204 100
206 33.8 25.4 38.2
141 61.1 53.0 79.6



#63
4-Nitroaniline
Concen: 39.746 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. -0.024 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:138 Resp: 83126
Ion Ratio Lower Upper
138 100
92 54.7 47.6 71.4
108 108.6 90.5 135.7

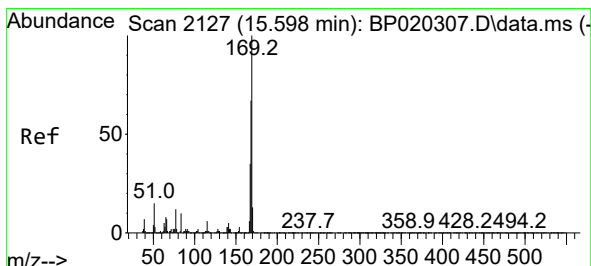
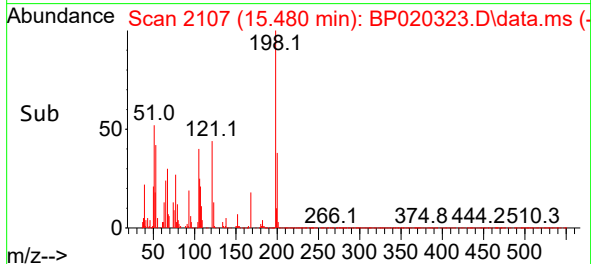
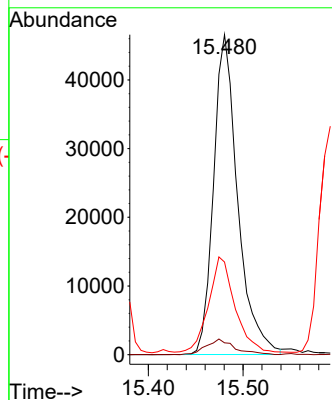
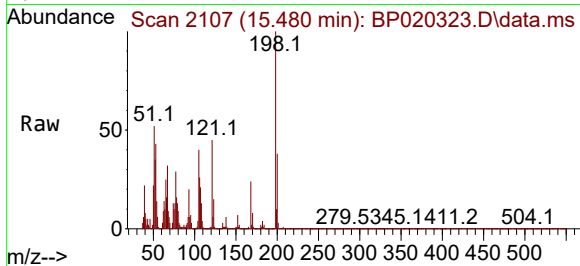




#66
4,6-Dinitro-2-methylphenol
Concen: 30.848 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.018 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

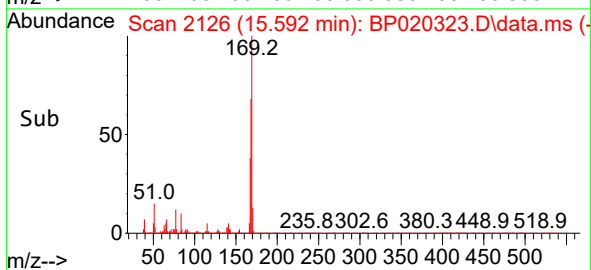
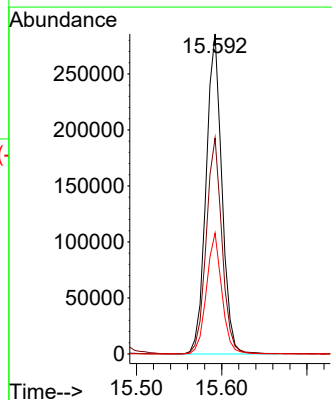
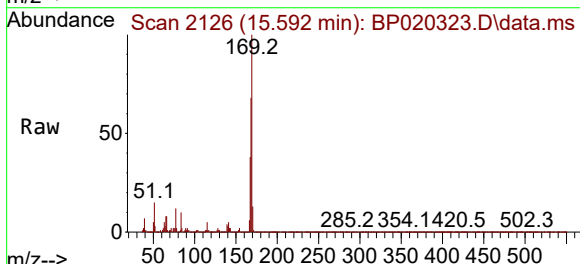
Instrument :
BNA_P
ClientSampleId :
SLCS819

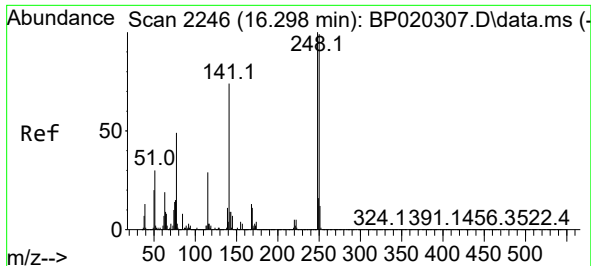
Tgt Ion:198 Resp: 82378
Ion Ratio Lower Upper
198 100
182 3.7 3.3 4.9
77 28.9 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 32.730 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:169 Resp: 367785
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 37.8 29.0 43.6

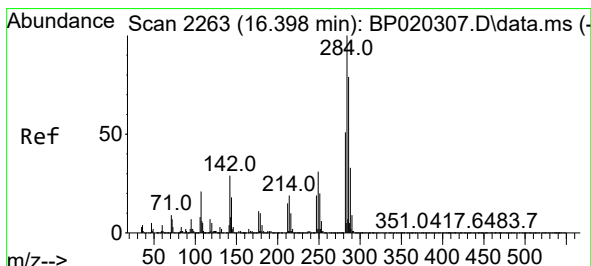
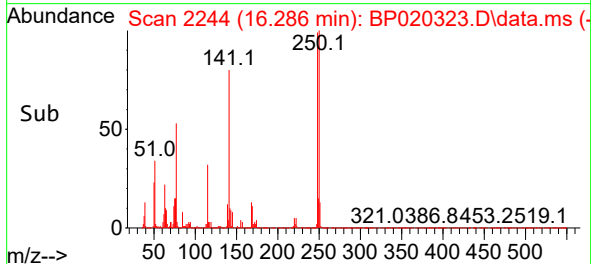
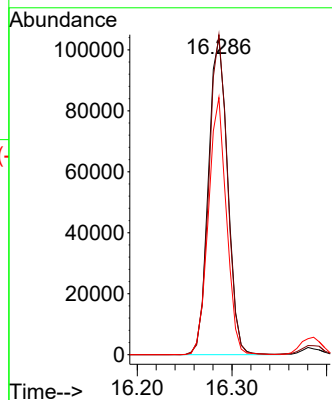
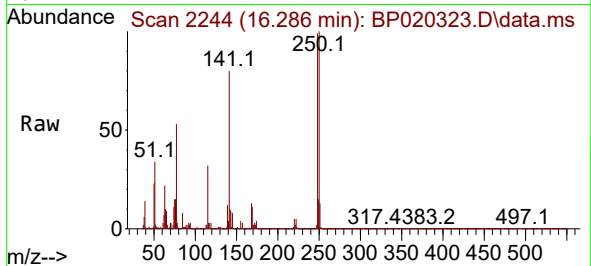




#68
4-Bromophenyl-phenylether
Concen: 33.392 ng/ul
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

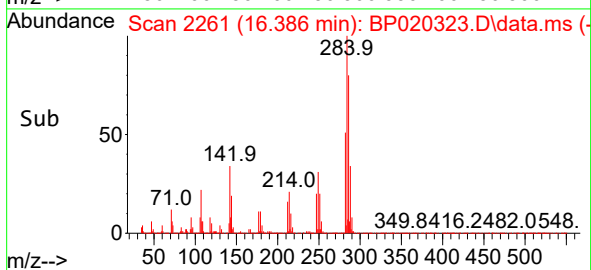
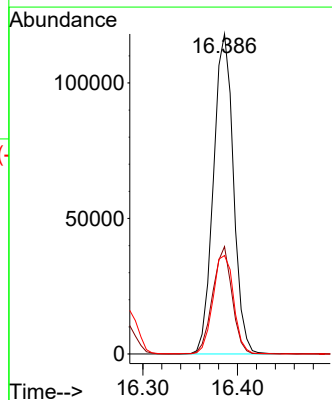
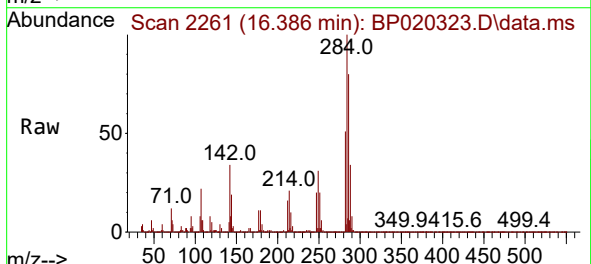
Instrument :
BNA_P
ClientSampleId :
SLCS819

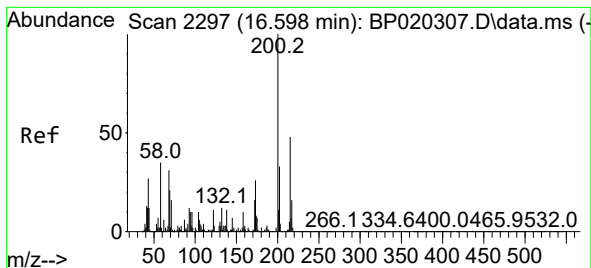
Tgt Ion:248 Resp: 145970
Ion Ratio Lower Upper
248 100
250 101.1 76.2 114.4
141 81.3 57.2 85.8



#69
Hexachlorobenzene
Concen: 34.136 ng/ul
RT: 16.386 min Scan# 2261
Delta R.T. -0.024 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:284 Resp: 172834
Ion Ratio Lower Upper
284 100
142 33.5 27.8 41.8
249 30.8 25.4 38.0





#70

Atrazine

Concen: 36.396 ng/ul

RT: 16.586 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

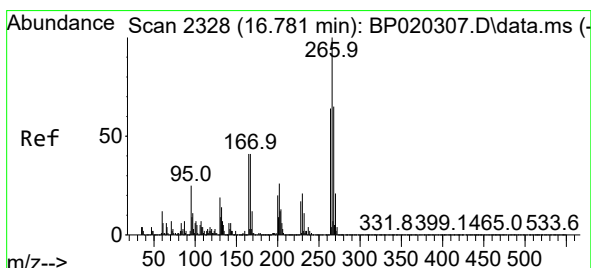
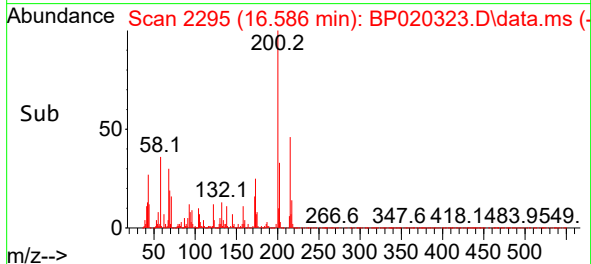
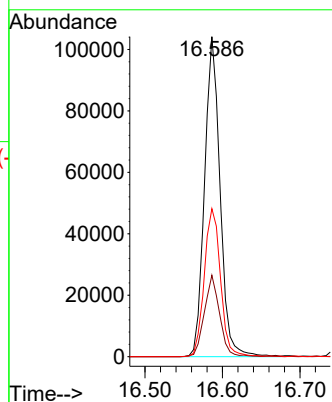
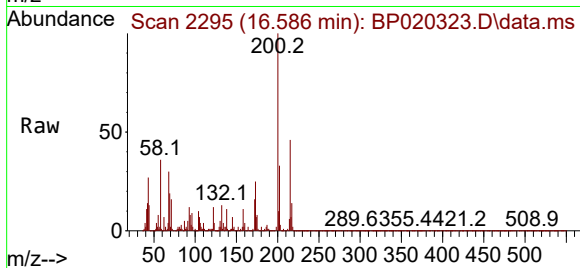
Tgt Ion:200 Resp: 145020

Ion Ratio Lower Upper

200 100

173 25.5 20.3 30.5

215 46.3 37.8 56.8



#71

Pentachlorophenol

Concen: 33.760 ng/ul

RT: 16.763 min Scan# 2325

Delta R.T. -0.018 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

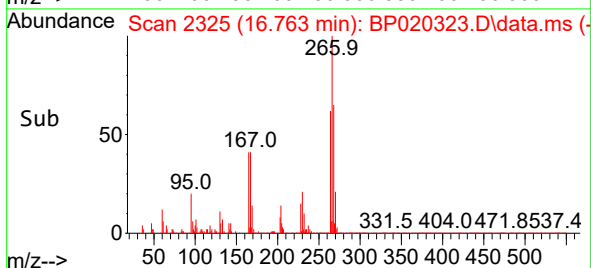
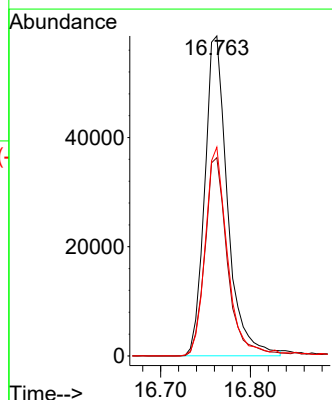
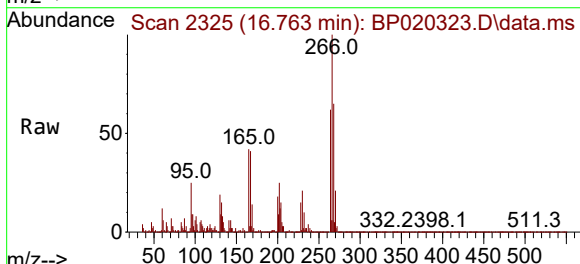
Tgt Ion:266 Resp: 103315

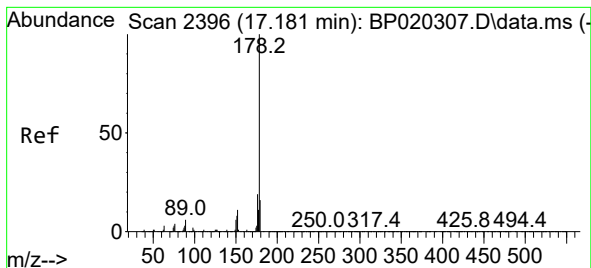
Ion Ratio Lower Upper

266 100

264 62.0 49.8 74.6

268 65.2 50.4 75.6





#72

Phenanthrene

Concen: 33.484 ng/ul

RT: 17.163 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

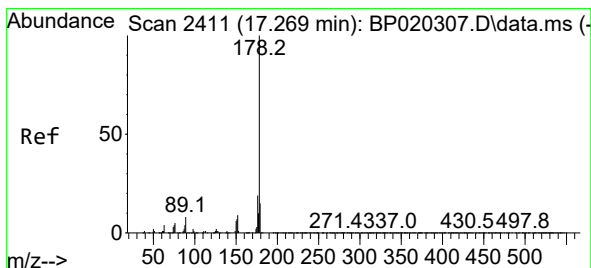
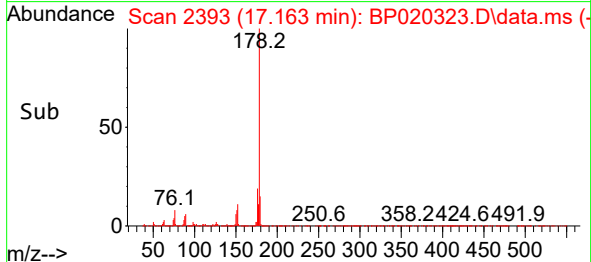
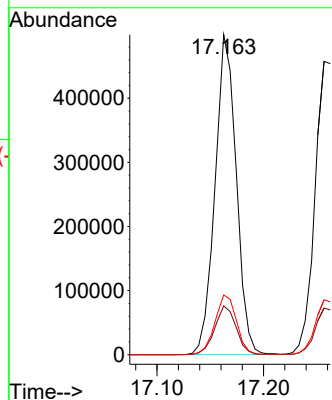
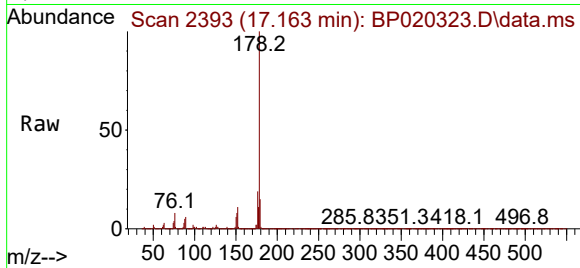
Tgt Ion:178 Resp: 689468

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

176 18.7 15.2 22.8



#74

Anthracene

Concen: 33.198 ng/ul

RT: 17.257 min Scan# 2409

Delta R.T. -0.018 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

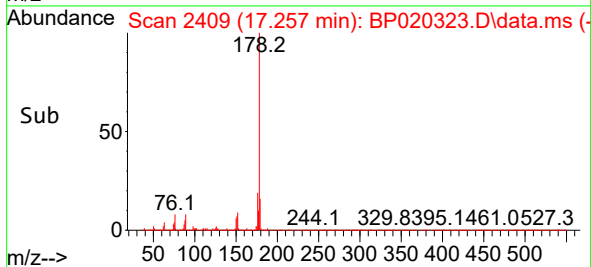
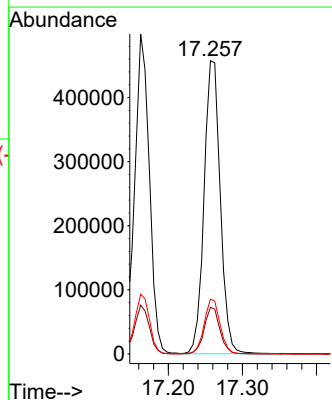
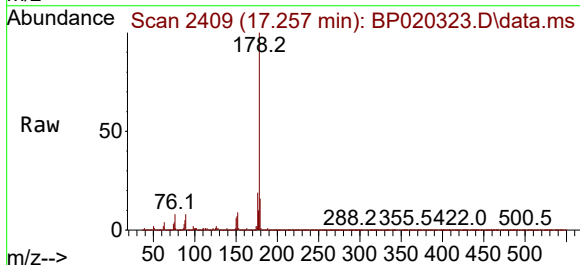
Tgt Ion:178 Resp: 695263

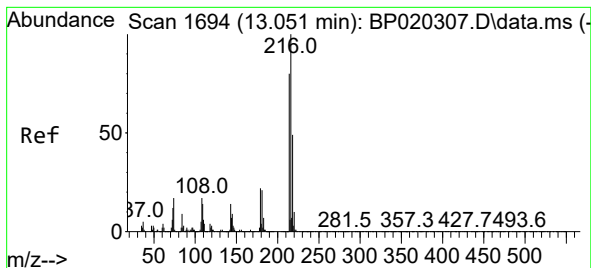
Ion Ratio Lower Upper

178 100

179 15.9 12.0 18.0

176 18.7 14.8 22.2

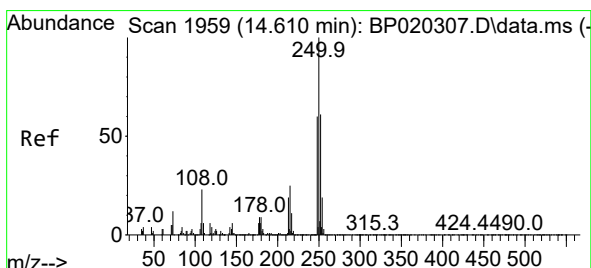
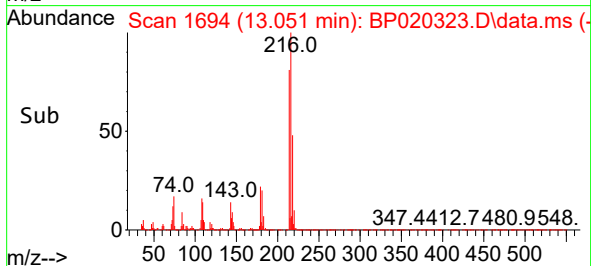
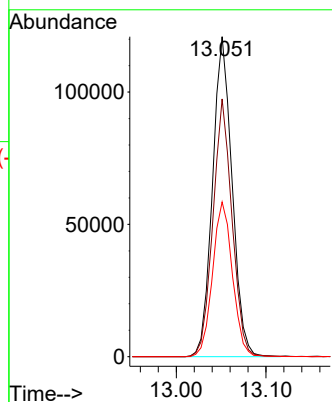
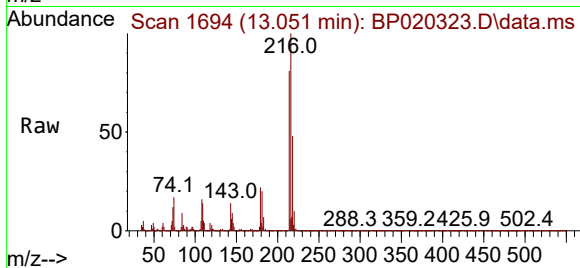




#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.517 ng/uL
RT: 13.051 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

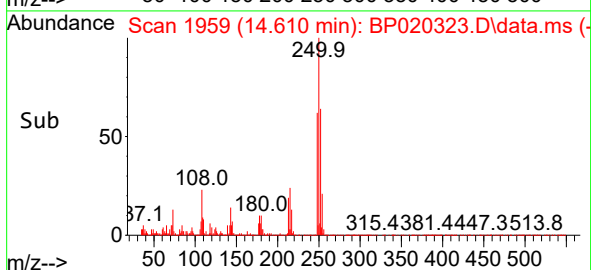
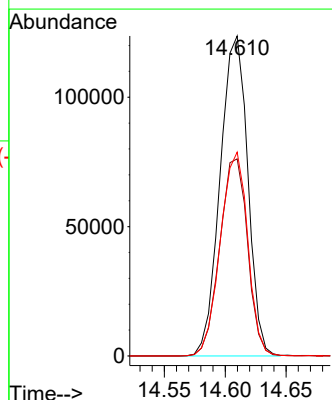
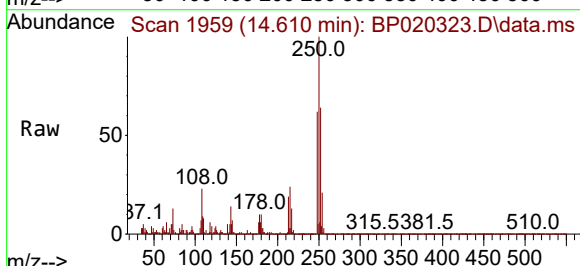
Instrument :
BNA_P
ClientSampleId :
SLCS819

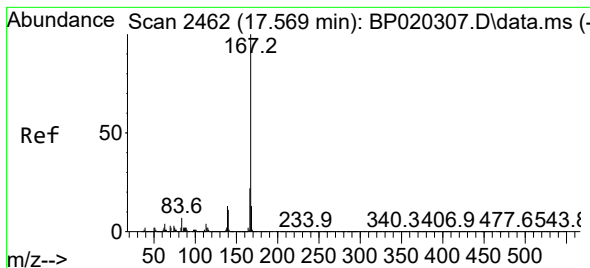
Tgt Ion:	216	Resp:	183040
Ion Ratio	Lower	Upper	
216	100		
214	80.6	60.1	90.1
218	48.3	38.7	58.1



#76
Pentachlorobenzene
Concen: 32.577 ng/uL
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:	250	Resp:	195537
Ion Ratio	Lower	Upper	
250	100		
248	61.6	51.0	76.6
252	63.7	52.1	78.1





#77

Carbazole

Concen: 34.939 ng/ul

RT: 17.557 min Scan# 2460

Delta R.T. -0.018 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

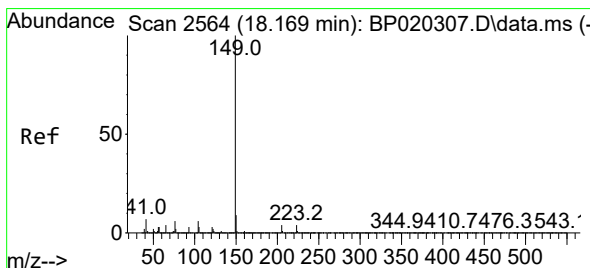
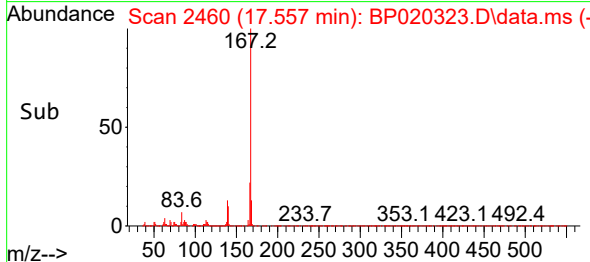
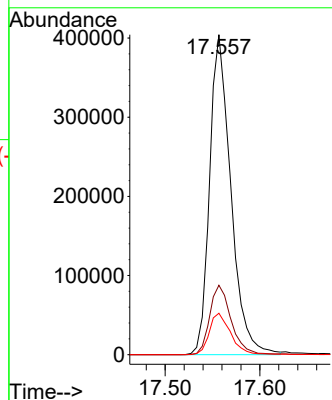
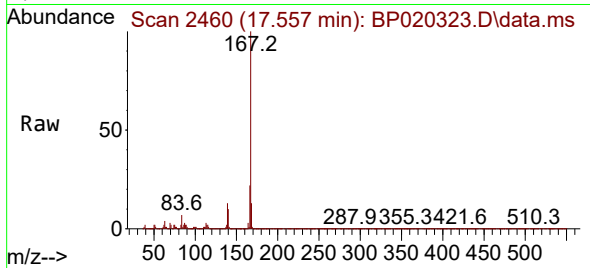
Tgt Ion:167 Resp: 630357

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.9 11.0 16.4



#78

Di-n-butylphthalate

Concen: 33.843 ng/ul

RT: 18.151 min Scan# 2561

Delta R.T. -0.024 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

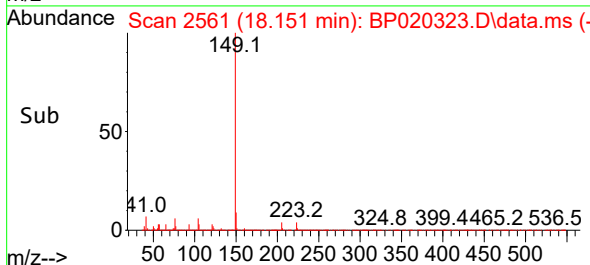
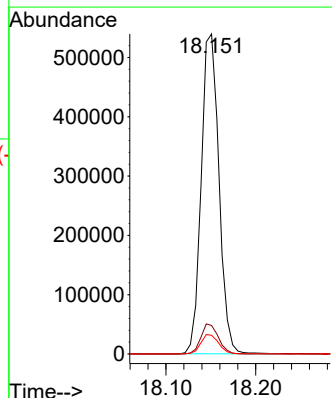
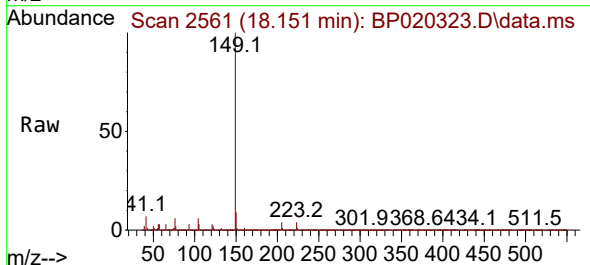
Tgt Ion:149 Resp: 740094

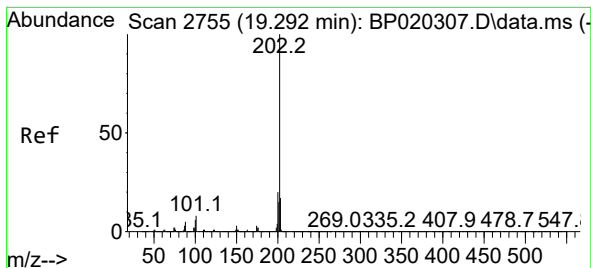
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.8 5.0 7.6





#80

Fluoranthene

Concen: 28.963 ng/ul

RT: 19.274 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

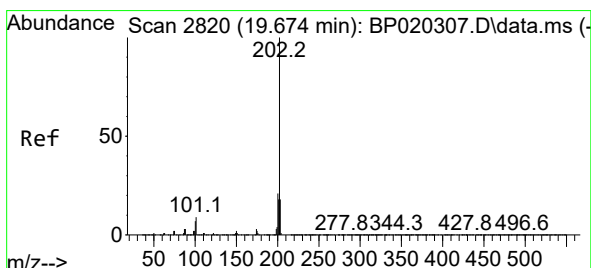
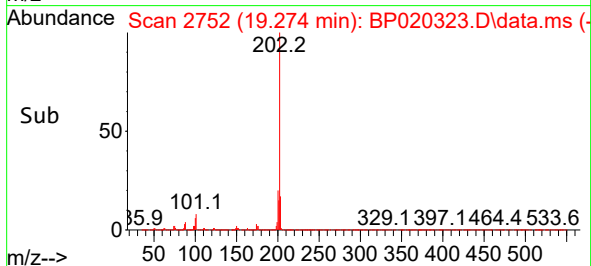
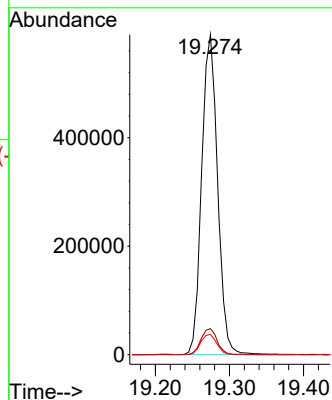
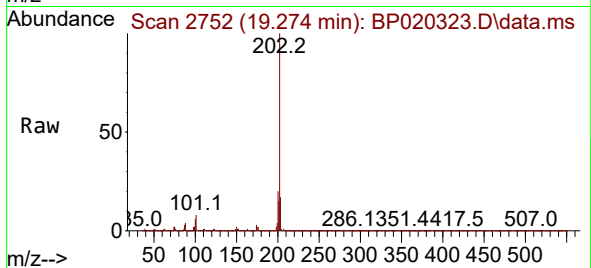
Tgt Ion:202 Resp: 878854

Ion Ratio Lower Upper

202 100

101 8.2 7.0 10.4

100 6.4 5.5 8.3



#82

Pyrene

Concen: 29.644 ng/ul

RT: 19.657 min Scan# 2817

Delta R.T. -0.018 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

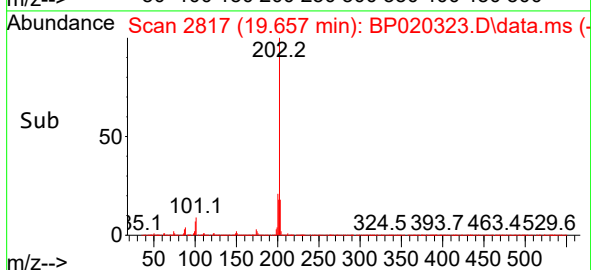
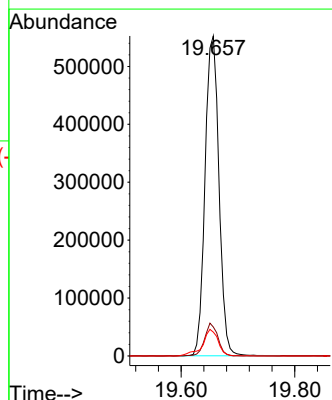
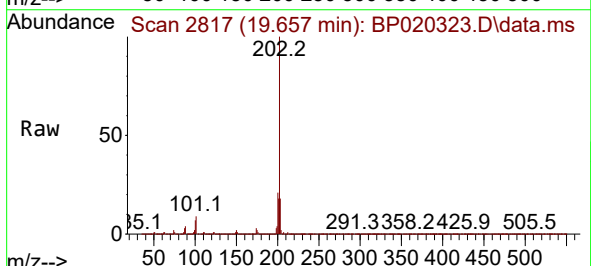
Tgt Ion:202 Resp: 935902

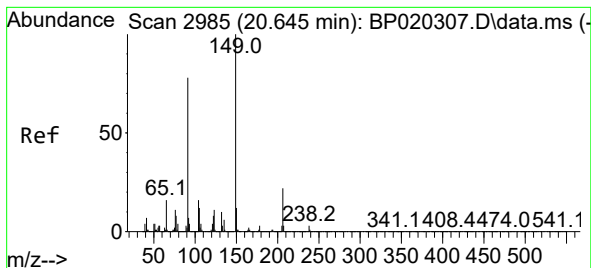
Ion Ratio Lower Upper

202 100

101 9.1 8.1 12.1

100 7.5 6.8 10.2





#83

Butylbenzylphthalate

Concen: 29.190 ng/ul

RT: 20.633 min Scan# 2983

Delta R.T. -0.024 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

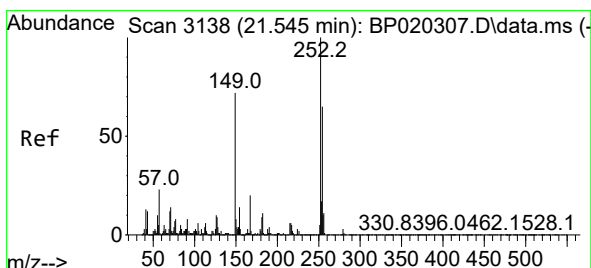
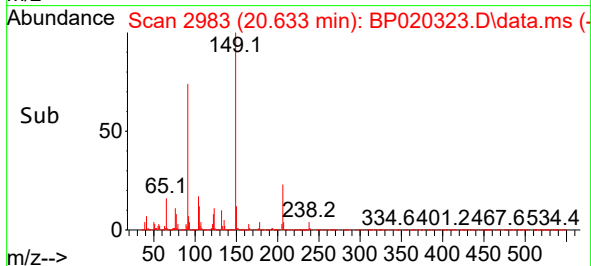
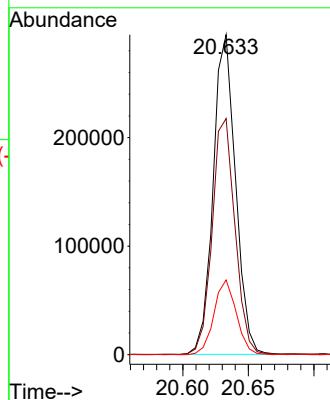
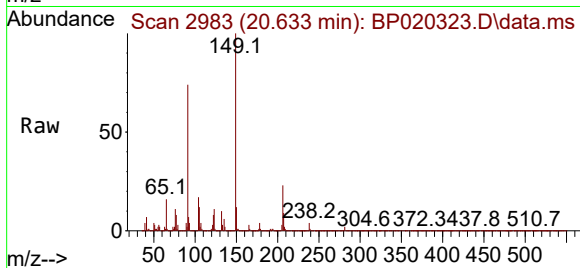
Tgt Ion:149 Resp: 349835

Ion Ratio Lower Upper

149 100

91 73.8 62.7 94.1

206 23.3 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 33.911 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. -0.018 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

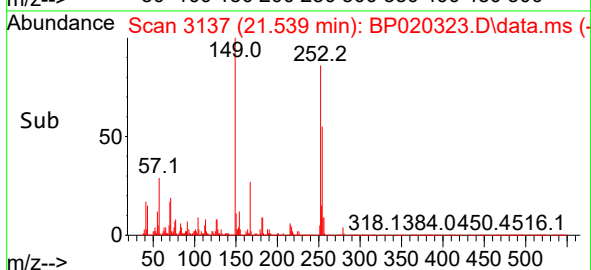
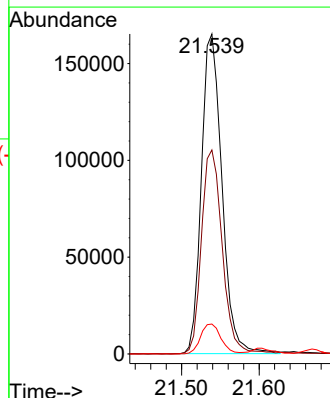
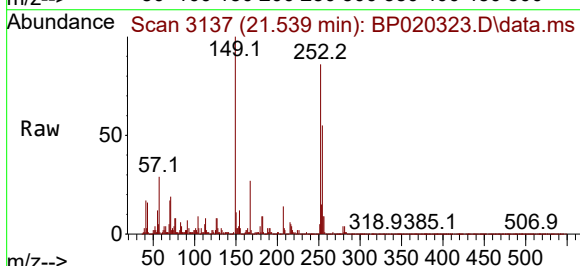
Tgt Ion:252 Resp: 304421

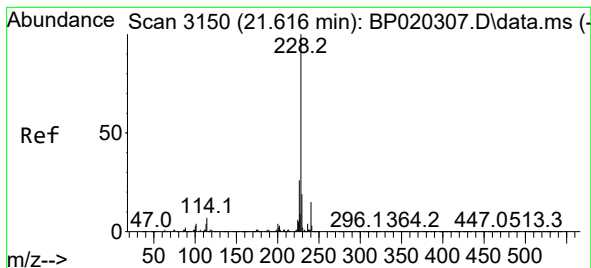
Ion Ratio Lower Upper

252 100

254 63.8 50.2 75.4

126 9.4 7.3 10.9





#85

Benzo(a)anthracene

Concen: 32.409 ng/ul

RT: 21.604 min Scan# 3150

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

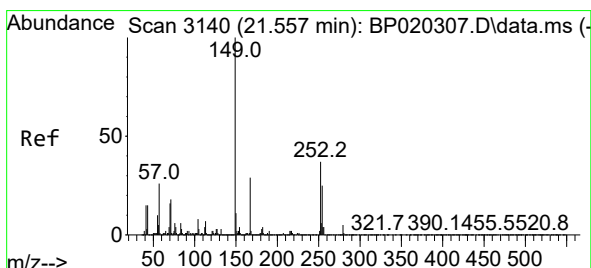
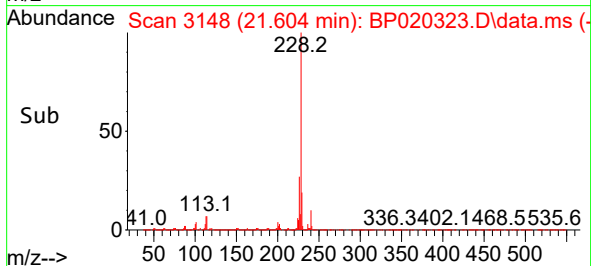
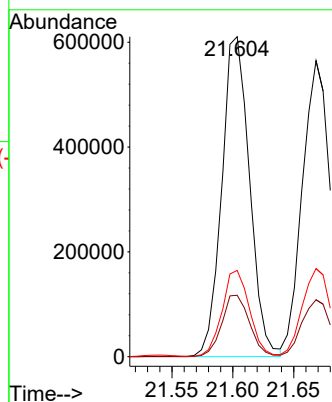
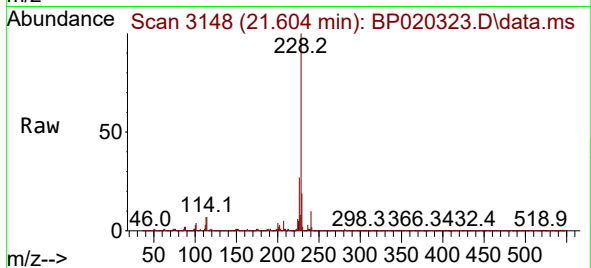
Tgt Ion:228 Resp: 969580

Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.8

226 26.9 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.097 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

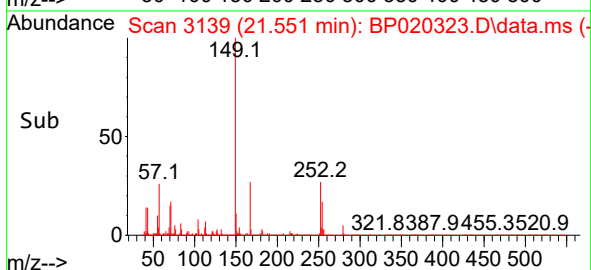
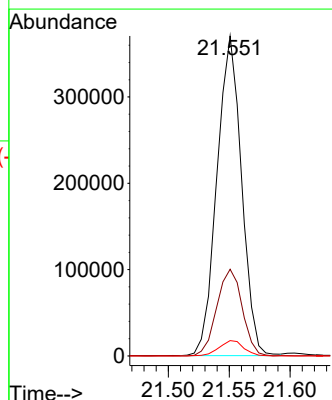
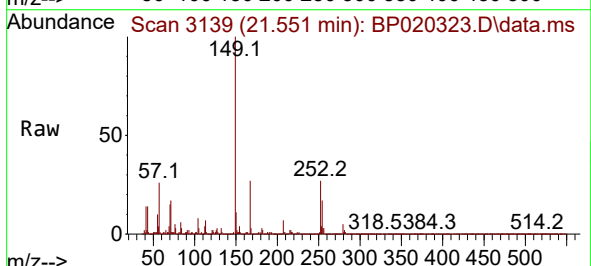
Tgt Ion:149 Resp: 520361

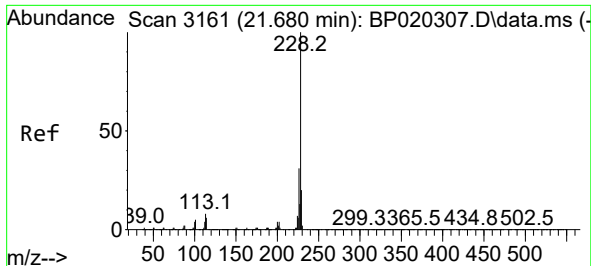
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.8 3.4 5.2

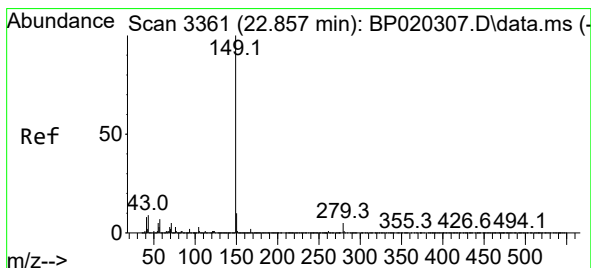
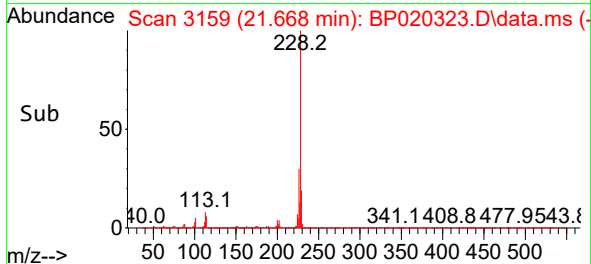
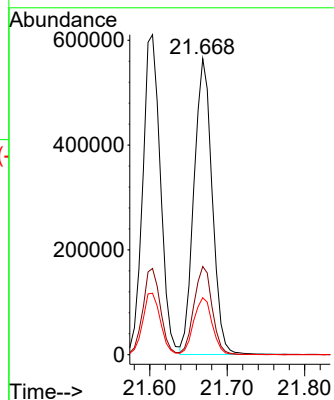
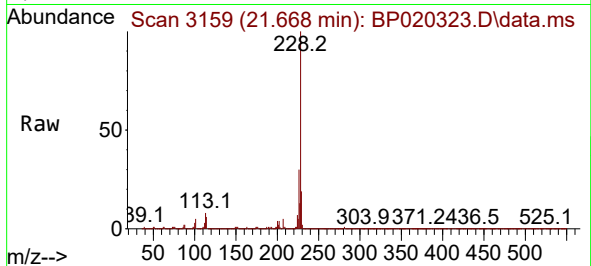




#87
Chrysene
Concen: 33.162 ng/ul
RT: 21.668 min Scan# 3161
Delta R.T. -0.018 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

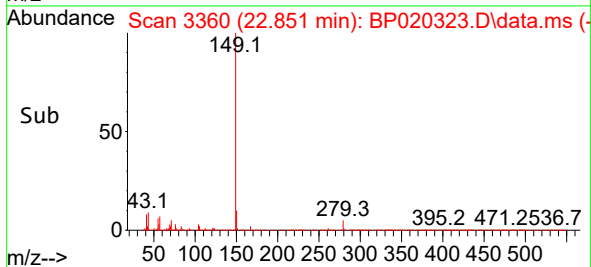
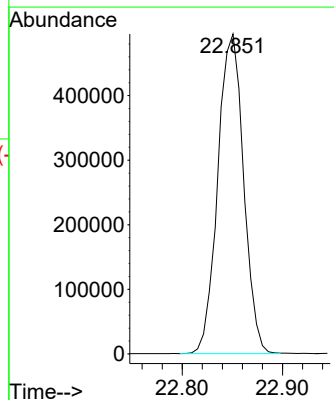
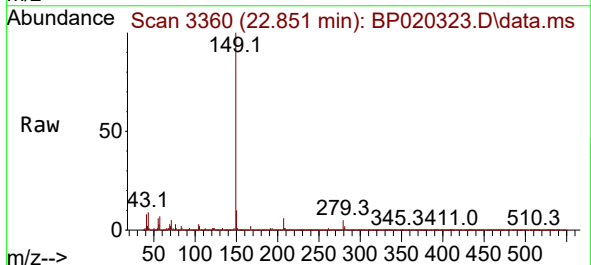
Instrument :
BNA_P
ClientSampleId :
SLCS819

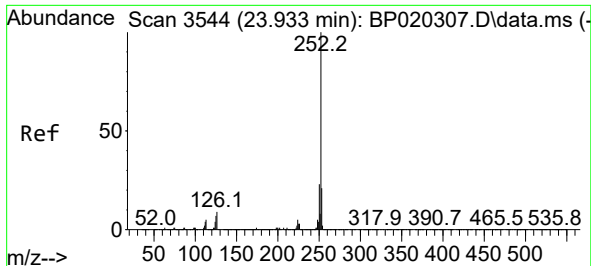
Tgt Ion:228 Resp: 919527
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 19.3 15.9 23.9



#89
Di-n-octyl phthalate
Concen: 27.363 ng/ul
RT: 22.851 min Scan# 3360
Delta R.T. -0.018 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:149 Resp: 882686

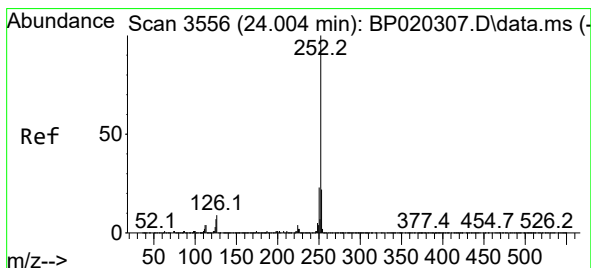
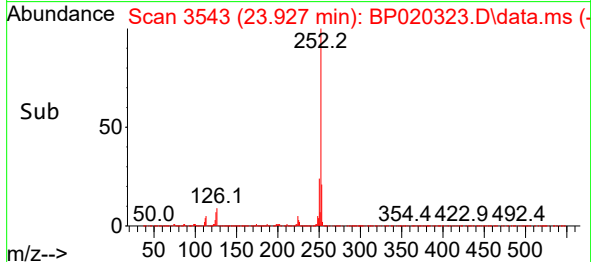
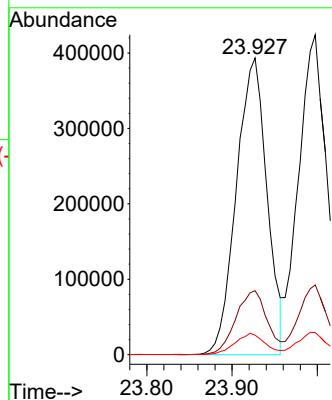
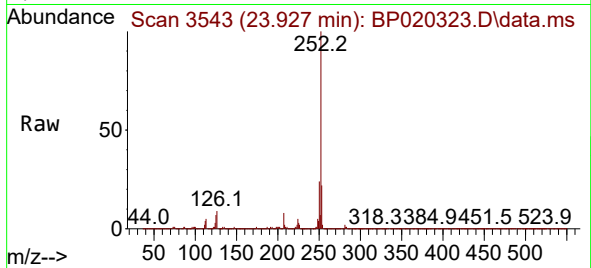




#90
Benzo(b)fluoranthene
Concen: 32.744 ng/ul
RT: 23.927 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

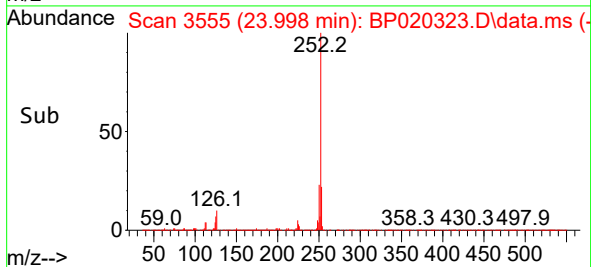
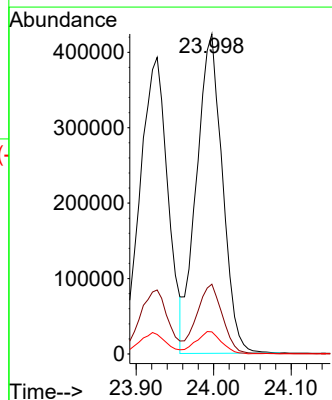
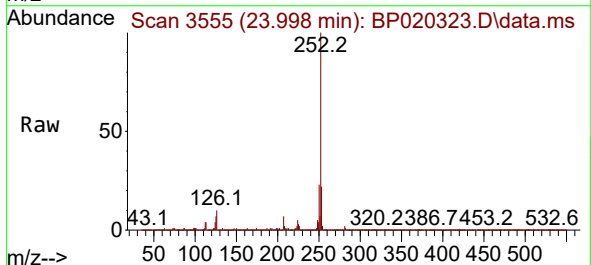
Instrument :
BNA_P
ClientSampleId :
SLCS819

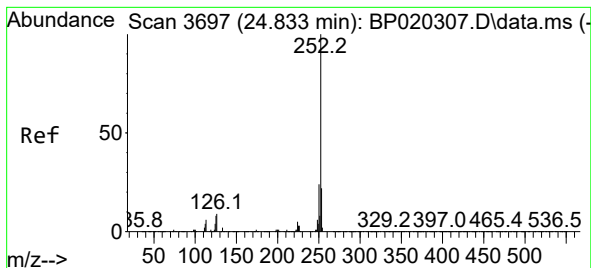
Tgt Ion:252 Resp: 981110
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 6.6 6.2 9.2



#91
Benzo(k)fluoranthene
Concen: 32.201 ng/ul
RT: 23.998 min Scan# 3555
Delta R.T. -0.012 min
Lab File: BP020323.D
Acq: 11 May 2024 15:45

Tgt Ion:252 Resp: 983266
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 6.9 5.6 8.4





#93

Benzo(a)pyrene

Concen: 29.518 ng/ul

RT: 24.827 min Scan# 3696

Delta R.T. -0.018 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

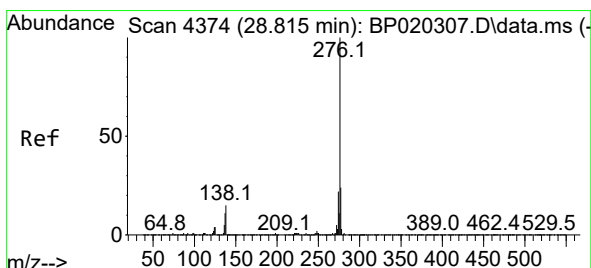
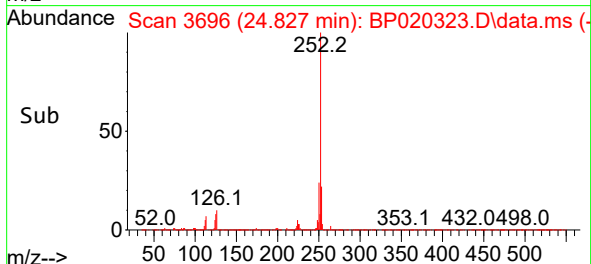
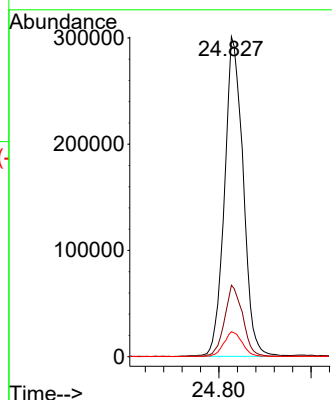
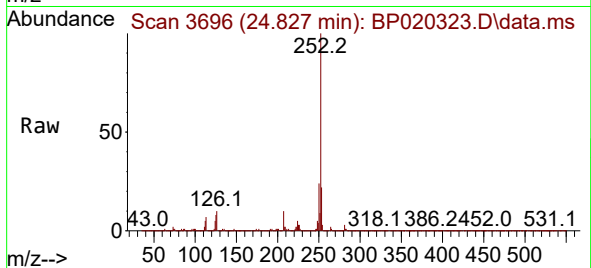
Tgt Ion:252 Resp: 841533

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 7.8 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.230 ng/ul

RT: 28.797 min Scan# 4371

Delta R.T. -0.036 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

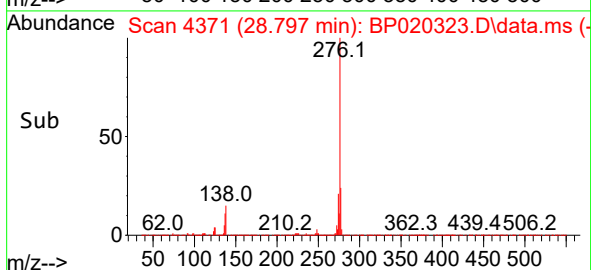
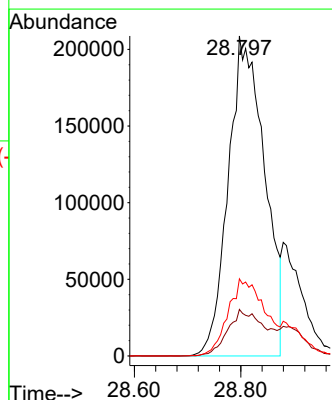
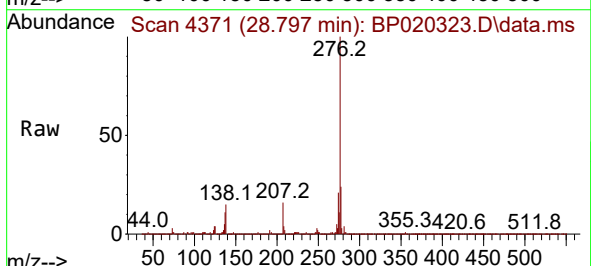
Tgt Ion:276 Resp: 986616

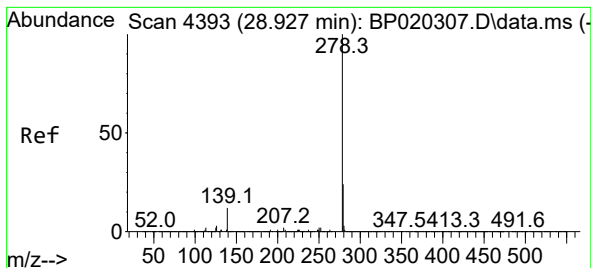
Ion Ratio Lower Upper

276 100

138 14.6 12.3 18.5

277 24.1 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 32.087 ng/ul

RT: 28.886 min Scan# 41

Delta R.T. -0.036 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Instrument :

BNA_P

ClientSampleId :

SLCS819

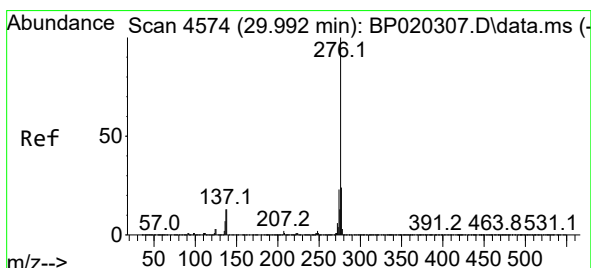
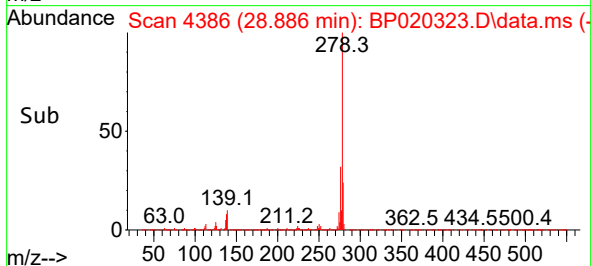
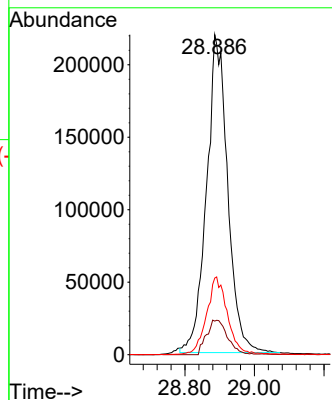
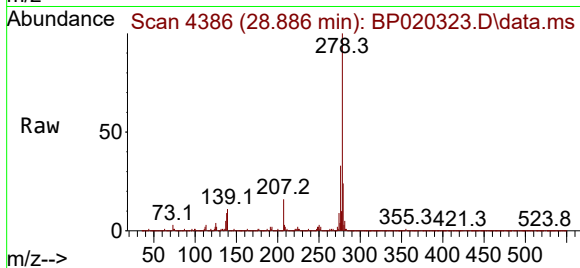
Tgt Ion:278 Resp: 927560

Ion Ratio Lower Upper

278 100

139 10.5 10.2 15.2

279 24.0 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 32.511 ng/ul

RT: 29.997 min Scan# 4575

Delta R.T. -0.012 min

Lab File: BP020323.D

Acq: 11 May 2024 15:45

Tgt Ion:276 Resp: 916399

Ion Ratio Lower Upper

276 100

138 14.6 11.6 17.4

277 24.2 19.4 29.0

